Brute force place recognition using Brute Force matcher

No. of nodes = 30
No. of query images = 40
No. of putatives = 5
Max no. of features = 100
Debug mode = off
Trial image set path - Panoramas/
Query image set path - Test_images_Prince_Philip_cropped/
Debug image set path - debug_images/

Node 1 -> query image 1
----

0 features detected!

Checking for matches...

node 1 checked!...0 matches found!
node 2 checked!...0 matches found!
node 3 checked!...0 matches found!
node 4 checked!...0 matches found!
node 5 checked!...0 matches found!
node 6 checked!...0 matches found!
node 7 checked!...0 matches found!
node 8 checked!...0 matches found!
node 9 checked!...0 matches found!
node 10 checked!...0 matches found!
node 11 checked!...0 matches found!
node 12 checked!...0 matches found!
node 13 checked!...0 matches found!
node 14 checked!...0 matches found!
node 15 checked!...0 matches found!
node 16 checked!...0 matches found!
node 17 checked!...0 matches found!
node 18 checked!...0 matches found!
node 19 checked!...0 matches found!
node 20 checked!...0 matches found!
node 21 checked!...0 matches found!
node 22 checked!...0 matches found!
node 23 checked!...0 matches found!
node 24 checked!...0 matches found!
node 25 checked!...0 matches found!
node 26 checked!...0 matches found!
node 27 checked!...0 matches found!
node 28 checked!...0 matches found!
node 29 checked!...0 matches found!
node 30 checked!...0 matches found!

Voting array

[0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0]

Unable to predict a matching node and putative nodes!

Node 1 -> query image 2
----

0 features detected!

Checking for matches...

node 1 checked!...0 matches found!
node 2 checked!...0 matches found!
node 3 checked!...0 matches found!
node 4 checked!...0 matches found!
node 5 checked!...0 matches found!
node 6 checked!...0 matches found!
node 7 checked!...0 matches found!
node 8 checked!...0 matches found!
node 9 checked!...0 matches found!
node 10 checked!...0 matches found!
node 11 checked!...0 matches found!
node 12 checked!...0 matches found!
node 13 checked!...0 matches found!
node 14 checked!...0 matches found!
node 15 checked!...0 matches found!
node 16 checked!...0 matches found!
node 17 checked!...0 matches found!
node 18 checked!...0 matches found!
node 19 checked!...0 matches found!
node 20 checked!...0 matches found!
node 21 checked!...0 matches found!
node 22 checked!...0 matches found!
node 23 checked!...0 matches found!
node 24 checked!...0 matches found!
node 25 checked!...0 matches found!
node 26 checked!...0 matches found!
node 27 checked!...0 matches found!
node 28 checked!...0 matches found!
node 29 checked!...0 matches found!
node 30 checked!...0 matches found!

Voting array

[0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0]

Unable to predict a matching node and putative nodes!

Node 1 -> query image 3
----

67 features detected!

Checking for matches...

node 1 checked!...27 matches found!
node 2 checked!...27 matches found!
node 3 checked!...30 matches found!
node 4 checked!...33 matches found!
node 5 checked!...31 matches found!
node 6 checked!...23 matches found!
node 7 checked!...22 matches found!
node 8 checked!...26 matches found!
node 9 checked!...24 matches found!
node 10 checked!...28 matches found!
node 11 checked!...28 matches found!
node 12 checked!...27 matches found!
node 13 checked!...28 matches found!

```
node 14 checked!...28 matches found!
node 15 checked!...26 matches found!
node 16 checked!...28 matches found!
node 17 checked!...29 matches found!
node 18 checked!...28 matches found!
node 19 checked!...27 matches found!
node 20 checked!...25 matches found!
node 21 checked!...31 matches found!
node 22 checked!...24 matches found!
node 23 checked!...28 matches found!
node 24 checked!...26 matches found!
node 25 checked!...21 matches found!
node 26 checked!...30 matches found!
node 27 checked!...30 matches found!
node 28 checked!...30 matches found!
node 29 checked!...24 matches found!
node 30 checked!...27 matches found!
```

Voting array

[27 27 30 33 31 23 22 26 24 28 28 27 28 28 26 28 29 28 27 25 31 24 28 26 21
 30 30 30 24 27]

Putative nodes

[26 27 5 21 4]

Best matching node from voting array

4

Presence of query node in putative nodes

Absent

Node 1 -> query image 4
----

79 features detected!

Checking for matches...

```
node 1 checked!...28 matches found!
node 2 checked!...28 matches found!
node 3 checked!...32 matches found!
node 4 checked!...36 matches found!
node 5 checked!...31 matches found!
node 6 checked!...25 matches found!
node 7 checked!...20 matches found!
node 8 checked!...30 matches found!
node 9 checked!...22 matches found!
node 10 checked!...31 matches found!
node 11 checked!...26 matches found!
node 12 checked!...26 matches found!
node 13 checked!...28 matches found!
node 14 checked!...30 matches found!
node 15 checked!...27 matches found!
node 16 checked!...32 matches found!
node 17 checked!...33 matches found!
node 18 checked!...31 matches found!
node 19 checked!...29 matches found!
```

```
node 20 checked!...26 matches found!
node 21 checked!...33 matches found!
node 22 checked!...27 matches found!
node 23 checked!...33 matches found!
node 24 checked!...27 matches found!
node 25 checked!...27 matches found!
node 26 checked!...28 matches found!
node 27 checked!...29 matches found!
node 28 checked!...32 matches found!
node 29 checked!...28 matches found!
node 30 checked!...31 matches found!
```

Voting array

[28 28 32 36 31 25 20 30 22 31 26 26 28 30 27 32 33 31 29 26 33 27 33 27 27
 28 29 32 28 31]

Putative nodes

[16 17 23 21 4]

Best matching node from voting array

4

Presence of query node in putative nodes

Absent

Node 1 -> query image 5
----

0 features detected!

Checking for matches...

```
node 1 checked!...0 matches found!
node 2 checked!...0 matches found!
node 3 checked!...0 matches found!
node 4 checked!...0 matches found!
node 5 checked!...0 matches found!
node 6 checked!...0 matches found!
node 7 checked!...0 matches found!
node 8 checked!...0 matches found!
node 9 checked!...0 matches found!
node 10 checked!...0 matches found!
node 11 checked!...0 matches found!
node 12 checked!...0 matches found!
node 13 checked!...0 matches found!
node 14 checked!...0 matches found!
node 15 checked!...0 matches found!
node 16 checked!...0 matches found!
node 17 checked!...0 matches found!
node 18 checked!...0 matches found!
node 19 checked!...0 matches found!
node 20 checked!...0 matches found!
node 21 checked!...0 matches found!
node 22 checked!...0 matches found!
node 23 checked!...0 matches found!
node 24 checked!...0 matches found!
node 25 checked!...0 matches found!
```

```
node 26 checked!...0 matches found!
node 27 checked!...0 matches found!
node 28 checked!...0 matches found!
node 29 checked!...0 matches found!
node 30 checked!...0 matches found!
```

Voting array

[0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0]

Unable to predict a matching node and putative nodes!

Node 1 -> query image 6
----

82 features detected!

Checking for matches...

```
node 1 checked!...38 matches found!
node 2 checked!...30 matches found!
node 3 checked!...28 matches found!
node 4 checked!...32 matches found!
node 5 checked!...35 matches found!
node 6 checked!...26 matches found!
node 7 checked!...30 matches found!
node 8 checked!...35 matches found!
node 9 checked!...30 matches found!
node 10 checked!...26 matches found!
node 11 checked!...30 matches found!
node 12 checked!...35 matches found!
node 13 checked!...35 matches found!
node 14 checked!...28 matches found!
node 15 checked!...32 matches found!
node 16 checked!...31 matches found!
node 17 checked!...39 matches found!
node 18 checked!...31 matches found!
node 19 checked!...29 matches found!
node 20 checked!...29 matches found!
node 21 checked!...37 matches found!
node 22 checked!...28 matches found!
node 23 checked!...38 matches found!
node 24 checked!...34 matches found!
node 25 checked!...29 matches found!
node 26 checked!...33 matches found!
node 27 checked!...32 matches found!
node 28 checked!...32 matches found!
node 29 checked!...33 matches found!
node 30 checked!...35 matches found!
```

Voting array

[38 30 28 32 35 26 30 35 30 26 30 35 35 28 32 31 39 31 29 29 37 28 38 34 29
 33 32 32 33 35]

Putative nodes

[12 21 23 17 1]

Best matching node from voting array

17

Presence of query node in putative nodes

Present

Node 1 -> query image 7
----

71 features detected!

Checking for matches...

node 1 checked!...35 matches found!
node 2 checked!...26 matches found!
node 3 checked!...29 matches found!
node 4 checked!...33 matches found!
node 5 checked!...36 matches found!
node 6 checked!...29 matches found!
node 7 checked!...29 matches found!
node 8 checked!...32 matches found!
node 9 checked!...26 matches found!
node 10 checked!...30 matches found!
node 11 checked!...29 matches found!
node 12 checked!...35 matches found!
node 13 checked!...32 matches found!
node 14 checked!...35 matches found!
node 15 checked!...27 matches found!
node 16 checked!...29 matches found!
node 17 checked!...35 matches found!
node 18 checked!...28 matches found!
node 19 checked!...29 matches found!
node 20 checked!...33 matches found!
node 21 checked!...33 matches found!
node 22 checked!...31 matches found!
node 23 checked!...38 matches found!
node 24 checked!...35 matches found!
node 25 checked!...30 matches found!
node 26 checked!...35 matches found!
node 27 checked!...28 matches found!
node 28 checked!...35 matches found!
node 29 checked!...33 matches found!
node 30 checked!...35 matches found!

Voting array

[35 26 29 33 36 29 29 32 26 30 29 35 32 35 27 29 35 28 29 33 33 31 38 35 30
 35 28 35 33 35]

Putative nodes

[14 30 17 5 23]

Best matching node from voting array

23

Presence of query node in putative nodes

Absent

Node 1 -> query image 8
----

78 features detected!

Checking for matches...

node 1 checked!...28 matches found!
node 2 checked!...25 matches found!
node 3 checked!...30 matches found!
node 4 checked!...35 matches found!
node 5 checked!...31 matches found!
node 6 checked!...28 matches found!
node 7 checked!...21 matches found!
node 8 checked!...27 matches found!
node 9 checked!...23 matches found!
node 10 checked!...31 matches found!
node 11 checked!...33 matches found!
node 12 checked!...29 matches found!
node 13 checked!...29 matches found!
node 14 checked!...31 matches found!
node 15 checked!...31 matches found!
node 16 checked!...31 matches found!
node 17 checked!...30 matches found!
node 18 checked!...29 matches found!
node 19 checked!...31 matches found!
node 20 checked!...31 matches found!
node 21 checked!...32 matches found!
node 22 checked!...27 matches found!
node 23 checked!...30 matches found!
node 24 checked!...26 matches found!
node 25 checked!...30 matches found!
node 26 checked!...30 matches found!
node 27 checked!...31 matches found!
node 28 checked!...32 matches found!
node 29 checked!...27 matches found!
node 30 checked!...30 matches found!

Voting array

[28 25 30 35 31 28 21 27 23 31 33 29 29 31 31 31 30 29 31 31 32 27 30 26 30
 30 31 32 27 30]

Putative nodes

[20 21 28 4 11]

Best matching node from voting array

4

Presence of query node in putative nodes

Absent

Node 1 -> query image 9
----

98 features detected!

Checking for matches...

```
node 1 checked!...28 matches found!
node 2 checked!...32 matches found!
node 3 checked!...33 matches found!
node 4 checked!...37 matches found!
node 5 checked!...31 matches found!
node 6 checked!...27 matches found!
node 7 checked!...28 matches found!
node 8 checked!...27 matches found!
node 9 checked!...24 matches found!
node 10 checked!...30 matches found!
node 11 checked!...32 matches found!
node 12 checked!...26 matches found!
node 13 checked!...34 matches found!
node 14 checked!...31 matches found!
node 15 checked!...32 matches found!
node 16 checked!...34 matches found!
node 17 checked!...36 matches found!
node 18 checked!...32 matches found!
node 19 checked!...25 matches found!
node 20 checked!...30 matches found!
node 21 checked!...35 matches found!
node 22 checked!...27 matches found!
node 23 checked!...34 matches found!
node 24 checked!...29 matches found!
node 25 checked!...26 matches found!
node 26 checked!...36 matches found!
node 27 checked!...32 matches found!
node 28 checked!...32 matches found!
node 29 checked!...28 matches found!
node 30 checked!...32 matches found!
```

Voting array

[28 32 33 37 31 27 28 27 24 30 32 26 34 31 32 34 36 32 25 30 35 27 34 29 26
 36 32 32 28 32]

Putative nodes

[13 21 26 17 4]

Best matching node from voting array

4

Presence of query node in putative nodes

Absent

Node 1 -> query image 10
----

56 features detected!

Checking for matches...

```
node 1 checked!...30 matches found!
node 2 checked!...29 matches found!
node 3 checked!...32 matches found!
node 4 checked!...28 matches found!
node 5 checked!...32 matches found!
```

```
node 6 checked!...27 matches found!
node 7 checked!...26 matches found!
node 8 checked!...30 matches found!
node 9 checked!...24 matches found!
node 10 checked!...29 matches found!
node 11 checked!...31 matches found!
node 12 checked!...32 matches found!
node 13 checked!...28 matches found!
node 14 checked!...28 matches found!
node 15 checked!...23 matches found!
node 16 checked!...29 matches found!
node 17 checked!...29 matches found!
node 18 checked!...31 matches found!
node 19 checked!...27 matches found!
node 20 checked!...31 matches found!
node 21 checked!...32 matches found!
node 22 checked!...25 matches found!
node 23 checked!...26 matches found!
node 24 checked!...29 matches found!
node 25 checked!...26 matches found!
node 26 checked!...28 matches found!
node 27 checked!...31 matches found!
node 28 checked!...27 matches found!
node 29 checked!...26 matches found!
node 30 checked!...26 matches found!


Voting array
--------------
[30 29 32 28 32 27 26 30 24 29 31 32 28 28 23 29 29 31 27 31 32 25 26 29 26
 28 31 27 26 26]

Putative nodes
------------
[27  3 21  5 12]

Best matching node from voting array
----------------------------------------
3

Presence of query node in putative nodes
----------------------------------------
Absent


Node 1 -> query image 11
-----------------------

95 features detected!

Checking for matches...

node 1 checked!...37 matches found!
node 2 checked!...31 matches found!
node 3 checked!...31 matches found!
node 4 checked!...37 matches found!
node 5 checked!...34 matches found!
node 6 checked!...28 matches found!
node 7 checked!...34 matches found!
node 8 checked!...41 matches found!
node 9 checked!...32 matches found!
node 10 checked!...31 matches found!
node 11 checked!...34 matches found!
```

```
node 12 checked!...34 matches found!
node 13 checked!...37 matches found!
node 14 checked!...31 matches found!
node 15 checked!...33 matches found!
node 16 checked!...36 matches found!
node 17 checked!...36 matches found!
node 18 checked!...33 matches found!
node 19 checked!...31 matches found!
node 20 checked!...32 matches found!
node 21 checked!...40 matches found!
node 22 checked!...30 matches found!
node 23 checked!...37 matches found!
node 24 checked!...40 matches found!
node 25 checked!...31 matches found!
node 26 checked!...35 matches found!
node 27 checked!...35 matches found!
node 28 checked!...35 matches found!
node 29 checked!...37 matches found!
node 30 checked!...41 matches found!
```

Voting array

[37 31 31 37 34 28 34 41 32 31 34 34 37 31 33 36 36 33 31 32 40 30 37 40 31
 35 35 35 37 41]

Putative nodes

[4 24 8 21 30]

Best matching node from voting array

8

Presence of query node in putative nodes

Absent

Node 1 -> query image 12
----

67 features detected!

Checking for matches...

```
node 1 checked!...29 matches found!
node 2 checked!...28 matches found!
node 3 checked!...29 matches found!
node 4 checked!...33 matches found!
node 5 checked!...28 matches found!
node 6 checked!...26 matches found!
node 7 checked!...26 matches found!
node 8 checked!...33 matches found!
node 9 checked!...27 matches found!
node 10 checked!...29 matches found!
node 11 checked!...29 matches found!
node 12 checked!...32 matches found!
node 13 checked!...32 matches found!
node 14 checked!...31 matches found!
node 15 checked!...26 matches found!
node 16 checked!...32 matches found!
node 17 checked!...31 matches found!
```

```
node 18 checked!...28 matches found!
node 19 checked!...24 matches found!
node 20 checked!...26 matches found!
node 21 checked!...33 matches found!
node 22 checked!...28 matches found!
node 23 checked!...30 matches found!
node 24 checked!...33 matches found!
node 25 checked!...30 matches found!
node 26 checked!...30 matches found!
node 27 checked!...26 matches found!
node 28 checked!...31 matches found!
node 29 checked!...30 matches found!
node 30 checked!...31 matches found!
```

Voting array

[29 28 29 33 28 26 26 33 27 29 29 32 32 31 26 32 31 28 24 26 33 28 30 33 30
 30 26 31 30 31]

Putative nodes

[16 8 24 4 21]

Best matching node from voting array

4

Presence of query node in putative nodes

Absent

Node 1 -> query image 13
----

65 features detected!

Checking for matches...

```
node 1 checked!...28 matches found!
node 2 checked!...24 matches found!
node 3 checked!...30 matches found!
node 4 checked!...31 matches found!
node 5 checked!...26 matches found!
node 6 checked!...24 matches found!
node 7 checked!...24 matches found!
node 8 checked!...28 matches found!
node 9 checked!...24 matches found!
node 10 checked!...26 matches found!
node 11 checked!...28 matches found!
node 12 checked!...26 matches found!
node 13 checked!...29 matches found!
node 14 checked!...27 matches found!
node 15 checked!...25 matches found!
node 16 checked!...30 matches found!
node 17 checked!...25 matches found!
node 18 checked!...24 matches found!
node 19 checked!...28 matches found!
node 20 checked!...26 matches found!
node 21 checked!...28 matches found!
node 22 checked!...25 matches found!
node 23 checked!...28 matches found!
```

```
node 24 checked!...27 matches found!
node 25 checked!...24 matches found!
node 26 checked!...27 matches found!
node 27 checked!...29 matches found!
node 28 checked!...29 matches found!
node 29 checked!...23 matches found!
node 30 checked!...29 matches found!

Voting array
--------------
[28 24 30 31 26 24 24 28 24 26 28 26 29 27 25 30 25 24 28 26 28 25 28 27 24
 27 29 29 23 29]

Putative nodes
------------
[13 16  4  3 30]

Best matching node from voting array
----------------------------------------
4

Presence of query node in putative nodes
----------------------------------------
Absent


Node 1 -> query image 14
------------------------

83 features detected!

Checking for matches...

node 1 checked!...28 matches found!
node 2 checked!...30 matches found!
node 3 checked!...34 matches found!
node 4 checked!...36 matches found!
node 5 checked!...29 matches found!
node 6 checked!...28 matches found!
node 7 checked!...26 matches found!
node 8 checked!...33 matches found!
node 9 checked!...24 matches found!
node 10 checked!...29 matches found!
node 11 checked!...34 matches found!
node 12 checked!...30 matches found!
node 13 checked!...30 matches found!
node 14 checked!...34 matches found!
node 15 checked!...30 matches found!
node 16 checked!...33 matches found!
node 17 checked!...33 matches found!
node 18 checked!...30 matches found!
node 19 checked!...30 matches found!
node 20 checked!...28 matches found!
node 21 checked!...33 matches found!
node 22 checked!...26 matches found!
node 23 checked!...30 matches found!
node 24 checked!...28 matches found!
node 25 checked!...24 matches found!
node 26 checked!...32 matches found!
node 27 checked!...32 matches found!
node 28 checked!...33 matches found!
node 29 checked!...28 matches found!
```

node 30 checked!...34 matches found!

Voting array

[28 30 34 36 29 28 26 33 24 29 34 30 30 34 30 33 33 30 30 28 33 26 30 28 24
 32 32 33 28 34]

Putative nodes

[3 11 4 14 30]

Best matching node from voting array

4

Presence of query node in putative nodes

Absent

Node 1 -> query image 15
----

75 features detected!

Checking for matches...

node 1 checked!...31 matches found!
node 2 checked!...36 matches found!
node 3 checked!...31 matches found!
node 4 checked!...33 matches found!
node 5 checked!...32 matches found!
node 6 checked!...32 matches found!
node 7 checked!...24 matches found!
node 8 checked!...38 matches found!
node 9 checked!...26 matches found!
node 10 checked!...35 matches found!
node 11 checked!...34 matches found!
node 12 checked!...30 matches found!
node 13 checked!...29 matches found!
node 14 checked!...30 matches found!
node 15 checked!...31 matches found!
node 16 checked!...30 matches found!
node 17 checked!...32 matches found!
node 18 checked!...29 matches found!
node 19 checked!...29 matches found!
node 20 checked!...29 matches found!
node 21 checked!...36 matches found!
node 22 checked!...21 matches found!
node 23 checked!...34 matches found!
node 24 checked!...31 matches found!
node 25 checked!...27 matches found!
node 26 checked!...27 matches found!
node 27 checked!...32 matches found!
node 28 checked!...29 matches found!
node 29 checked!...29 matches found!
node 30 checked!...31 matches found!

Voting array

[31 36 31 33 32 32 24 38 26 35 34 30 29 30 31 30 32 29 29 29 36 21 34 31 27
 27 32 29 29 31]

Putative nodes

[11 21 10 2 8]

Best matching node from voting array

8

Presence of query node in putative nodes

Absent

Node 1 -> query image 16
----

94 features detected!

Checking for matches...

node 1 checked!...38 matches found!
node 2 checked!...31 matches found!
node 3 checked!...33 matches found!
node 4 checked!...36 matches found!
node 5 checked!...30 matches found!
node 6 checked!...29 matches found!
node 7 checked!...33 matches found!
node 8 checked!...41 matches found!
node 9 checked!...31 matches found!
node 10 checked!...34 matches found!
node 11 checked!...34 matches found!
node 12 checked!...32 matches found!
node 13 checked!...37 matches found!
node 14 checked!...30 matches found!
node 15 checked!...33 matches found!
node 16 checked!...33 matches found!
node 17 checked!...37 matches found!
node 18 checked!...34 matches found!
node 19 checked!...30 matches found!
node 20 checked!...33 matches found!
node 21 checked!...41 matches found!
node 22 checked!...31 matches found!
node 23 checked!...37 matches found!
node 24 checked!...37 matches found!
node 25 checked!...31 matches found!
node 26 checked!...33 matches found!
node 27 checked!...38 matches found!
node 28 checked!...34 matches found!
node 29 checked!...33 matches found!
node 30 checked!...38 matches found!

Voting array

[38 31 33 36 30 29 33 41 31 34 34 32 37 30 33 33 37 34 30 33 41 31 37 37 31
 33 38 34 33 38]

Putative nodes

[1 27 21 8 30]

Best matching node from voting array

```
-----------------------------------------
8

Presence of query node in putative nodes
-----------------------------------------
Present


Node 1 -> query image 17
------------------------

97 features detected!

Checking for matches...

node 1 checked!...40 matches found!
node 2 checked!...35 matches found!
node 3 checked!...34 matches found!
node 4 checked!...43 matches found!
node 5 checked!...36 matches found!
node 6 checked!...33 matches found!
node 7 checked!...39 matches found!
node 8 checked!...39 matches found!
node 9 checked!...33 matches found!
node 10 checked!...34 matches found!
node 11 checked!...38 matches found!
node 12 checked!...38 matches found!
node 13 checked!...36 matches found!
node 14 checked!...43 matches found!
node 15 checked!...33 matches found!
node 16 checked!...37 matches found!
node 17 checked!...35 matches found!
node 18 checked!...36 matches found!
node 19 checked!...35 matches found!
node 20 checked!...36 matches found!
node 21 checked!...37 matches found!
node 22 checked!...38 matches found!
node 23 checked!...45 matches found!
node 24 checked!...43 matches found!
node 25 checked!...37 matches found!
node 26 checked!...41 matches found!
node 27 checked!...37 matches found!
node 28 checked!...35 matches found!
node 29 checked!...36 matches found!
node 30 checked!...38 matches found!

Voting array
--------------
[40 35 34 43 36 33 39 39 33 34 38 38 36 43 33 37 35 36 35 36 37 38 45 43 37
 41 37 35 36 38]

Putative nodes
------------
[26  4 14 24 23]

Best matching node from voting array
-----------------------------------------
23

Presence of query node in putative nodes
-----------------------------------------
Absent
```

Node 1 -> query image 18
----

70 features detected!

Checking for matches...

node 1 checked!...30 matches found!
node 2 checked!...30 matches found!
node 3 checked!...29 matches found!
node 4 checked!...34 matches found!
node 5 checked!...32 matches found!
node 6 checked!...29 matches found!
node 7 checked!...24 matches found!
node 8 checked!...30 matches found!
node 9 checked!...27 matches found!
node 10 checked!...31 matches found!
node 11 checked!...30 matches found!
node 12 checked!...28 matches found!
node 13 checked!...31 matches found!
node 14 checked!...34 matches found!
node 15 checked!...27 matches found!
node 16 checked!...29 matches found!
node 17 checked!...29 matches found!
node 18 checked!...30 matches found!
node 19 checked!...29 matches found!
node 20 checked!...27 matches found!
node 21 checked!...31 matches found!
node 22 checked!...28 matches found!
node 23 checked!...31 matches found!
node 24 checked!...31 matches found!
node 25 checked!...28 matches found!
node 26 checked!...26 matches found!
node 27 checked!...30 matches found!
node 28 checked!...29 matches found!
node 29 checked!...26 matches found!
node 30 checked!...30 matches found!

Voting array

[30 30 29 34 32 29 24 30 27 31 30 28 31 34 27 29 29 30 29 27 31 28 31 31 28
 26 30 29 26 30]

Putative nodes

[13 24 5 4 14]

Best matching node from voting array

4

Presence of query node in putative nodes

Absent

Node 1 -> query image 19
----

47 features detected!

Checking for matches...

node 1 checked!...26 matches found!
node 2 checked!...26 matches found!
node 3 checked!...32 matches found!
node 4 checked!...28 matches found!
node 5 checked!...30 matches found!
node 6 checked!...28 matches found!
node 7 checked!...27 matches found!
node 8 checked!...27 matches found!
node 9 checked!...23 matches found!
node 10 checked!...29 matches found!
node 11 checked!...28 matches found!
node 12 checked!...28 matches found!
node 13 checked!...29 matches found!
node 14 checked!...31 matches found!
node 15 checked!...26 matches found!
node 16 checked!...27 matches found!
node 17 checked!...29 matches found!
node 18 checked!...32 matches found!
node 19 checked!...25 matches found!
node 20 checked!...23 matches found!
node 21 checked!...30 matches found!
node 22 checked!...24 matches found!
node 23 checked!...32 matches found!
node 24 checked!...26 matches found!
node 25 checked!...25 matches found!
node 26 checked!...24 matches found!
node 27 checked!...29 matches found!
node 28 checked!...29 matches found!
node 29 checked!...28 matches found!
node 30 checked!...25 matches found!

Voting array

[26 26 32 28 30 28 27 27 23 29 28 28 29 31 26 27 29 32 25 23 30 24 32 26 25
 24 29 29 28 25]

Putative nodes

[21 3 23 14 18]

Best matching node from voting array

3

Presence of query node in putative nodes

Absent

Node 1 -> query image 20
----

91 features detected!

Checking for matches...

node 1 checked!...35 matches found!
node 2 checked!...39 matches found!
node 3 checked!...43 matches found!

```
node 4 checked!...42 matches found!
node 5 checked!...44 matches found!
node 6 checked!...35 matches found!
node 7 checked!...33 matches found!
node 8 checked!...37 matches found!
node 9 checked!...34 matches found!
node 10 checked!...36 matches found!
node 11 checked!...39 matches found!
node 12 checked!...39 matches found!
node 13 checked!...38 matches found!
node 14 checked!...38 matches found!
node 15 checked!...40 matches found!
node 16 checked!...41 matches found!
node 17 checked!...38 matches found!
node 18 checked!...39 matches found!
node 19 checked!...43 matches found!
node 20 checked!...38 matches found!
node 21 checked!...42 matches found!
node 22 checked!...35 matches found!
node 23 checked!...38 matches found!
node 24 checked!...40 matches found!
node 25 checked!...39 matches found!
node 26 checked!...34 matches found!
node 27 checked!...35 matches found!
node 28 checked!...46 matches found!
node 29 checked!...32 matches found!
node 30 checked!...43 matches found!

Voting array
--------------
[35 39 43 42 44 35 33 37 34 36 39 39 38 38 40 41 38 39 43 38 42 35 38 40 39
 34 35 46 32 43]

Putative nodes
------------
[ 3 30 28 19  5]

Best matching node from voting array
----------------------------------------
28

Presence of query node in putative nodes
----------------------------------------
Absent


Node 1 -> query image 21
------------------------

99 features detected!

Checking for matches...

node 1 checked!...42 matches found!
node 2 checked!...36 matches found!
node 3 checked!...34 matches found!
node 4 checked!...41 matches found!
node 5 checked!...37 matches found!
node 6 checked!...29 matches found!
node 7 checked!...36 matches found!
node 8 checked!...41 matches found!
node 9 checked!...35 matches found!
```

```
node 10 checked!...36 matches found!
node 11 checked!...39 matches found!
node 12 checked!...33 matches found!
node 13 checked!...39 matches found!
node 14 checked!...36 matches found!
node 15 checked!...34 matches found!
node 16 checked!...36 matches found!
node 17 checked!...41 matches found!
node 18 checked!...34 matches found!
node 19 checked!...28 matches found!
node 20 checked!...32 matches found!
node 21 checked!...40 matches found!
node 22 checked!...31 matches found!
node 23 checked!...41 matches found!
node 24 checked!...42 matches found!
node 25 checked!...32 matches found!
node 26 checked!...37 matches found!
node 27 checked!...40 matches found!
node 28 checked!...35 matches found!
node 29 checked!...35 matches found!
node 30 checked!...40 matches found!
```

Voting array

[42 36 34 41 37 29 36 41 35 36 39 33 39 36 34 36 41 34 28 32 40 31 41 42 32
 37 40 35 35 40]

Putative nodes

[4 17 8 24 1]

Best matching node from voting array

1

Presence of query node in putative nodes

Present

Node 1 -> query image 22
----

89 features detected!

Checking for matches...

```
node 1 checked!...41 matches found!
node 2 checked!...34 matches found!
node 3 checked!...33 matches found!
node 4 checked!...41 matches found!
node 5 checked!...38 matches found!
node 6 checked!...33 matches found!
node 7 checked!...33 matches found!
node 8 checked!...39 matches found!
node 9 checked!...29 matches found!
node 10 checked!...33 matches found!
node 11 checked!...39 matches found!
node 12 checked!...39 matches found!
node 13 checked!...35 matches found!
node 14 checked!...42 matches found!
node 15 checked!...32 matches found!
```

```
node 16 checked!...36 matches found!
node 17 checked!...33 matches found!
node 18 checked!...33 matches found!
node 19 checked!...32 matches found!
node 20 checked!...35 matches found!
node 21 checked!...37 matches found!
node 22 checked!...36 matches found!
node 23 checked!...43 matches found!
node 24 checked!...41 matches found!
node 25 checked!...37 matches found!
node 26 checked!...38 matches found!
node 27 checked!...34 matches found!
node 28 checked!...33 matches found!
node 29 checked!...36 matches found!
node 30 checked!...38 matches found!

Voting array
--------------
[41 34 33 41 38 33 33 39 29 33 39 39 35 42 32 36 33 33 32 35 37 36 43 41 37
 38 34 33 36 38]

Putative nodes
------------
[ 4  1 23 24 14]

Best matching node from voting array
----------------------------------------
23

Presence of query node in putative nodes
----------------------------------------
Present


Node 1 -> query image 23
------------------------

85 features detected!

Checking for matches...

node 1 checked!...33 matches found!
node 2 checked!...32 matches found!
node 3 checked!...31 matches found!
node 4 checked!...34 matches found!
node 5 checked!...33 matches found!
node 6 checked!...32 matches found!
node 7 checked!...25 matches found!
node 8 checked!...32 matches found!
node 9 checked!...24 matches found!
node 10 checked!...34 matches found!
node 11 checked!...38 matches found!
node 12 checked!...32 matches found!
node 13 checked!...35 matches found!
node 14 checked!...35 matches found!
node 15 checked!...28 matches found!
node 16 checked!...32 matches found!
node 17 checked!...36 matches found!
node 18 checked!...32 matches found!
node 19 checked!...30 matches found!
node 20 checked!...35 matches found!
node 21 checked!...34 matches found!
```

```
node 22 checked!...28 matches found!
node 23 checked!...36 matches found!
node 24 checked!...32 matches found!
node 25 checked!...28 matches found!
node 26 checked!...31 matches found!
node 27 checked!...30 matches found!
node 28 checked!...30 matches found!
node 29 checked!...26 matches found!
node 30 checked!...35 matches found!
```

Voting array

[33 32 31 34 33 32 25 32 24 34 38 32 35 35 28 32 36 32 30 35 34 28 36 32 28
 31 30 30 26 35]

Putative nodes

[14 30 23 17 11]

Best matching node from voting array

11

Presence of query node in putative nodes

Absent

Node 1 -> query image 24
----

83 features detected!

Checking for matches...

```
node 1 checked!...35 matches found!
node 2 checked!...32 matches found!
node 3 checked!...35 matches found!
node 4 checked!...38 matches found!
node 5 checked!...37 matches found!
node 6 checked!...31 matches found!
node 7 checked!...31 matches found!
node 8 checked!...35 matches found!
node 9 checked!...29 matches found!
node 10 checked!...32 matches found!
node 11 checked!...34 matches found!
node 12 checked!...34 matches found!
node 13 checked!...37 matches found!
node 14 checked!...37 matches found!
node 15 checked!...32 matches found!
node 16 checked!...31 matches found!
node 17 checked!...33 matches found!
node 18 checked!...33 matches found!
node 19 checked!...29 matches found!
node 20 checked!...33 matches found!
node 21 checked!...34 matches found!
node 22 checked!...30 matches found!
node 23 checked!...37 matches found!
node 24 checked!...34 matches found!
node 25 checked!...28 matches found!
node 26 checked!...35 matches found!
node 27 checked!...35 matches found!
```

```
node 28 checked!...33 matches found!
node 29 checked!...33 matches found!
node 30 checked!...37 matches found!

Voting array
--------------
[35 32 35 38 37 31 31 35 29 32 34 34 37 37 32 31 33 33 29 33 34 30 37 34 28
 35 35 33 33 37]

Putative nodes
------------
[23 14  4 13 30]

Best matching node from voting array
----------------------------------------
4

Presence of query node in putative nodes
----------------------------------------
Absent


Node 1 -> query image 25
------------------------

82 features detected!

Checking for matches...

node 1 checked!...34 matches found!
node 2 checked!...30 matches found!
node 3 checked!...30 matches found!
node 4 checked!...36 matches found!
node 5 checked!...38 matches found!
node 6 checked!...32 matches found!
node 7 checked!...30 matches found!
node 8 checked!...33 matches found!
node 9 checked!...30 matches found!
node 10 checked!...29 matches found!
node 11 checked!...33 matches found!
node 12 checked!...32 matches found!
node 13 checked!...34 matches found!
node 14 checked!...35 matches found!
node 15 checked!...27 matches found!
node 16 checked!...34 matches found!
node 17 checked!...38 matches found!
node 18 checked!...28 matches found!
node 19 checked!...32 matches found!
node 20 checked!...30 matches found!
node 21 checked!...39 matches found!
node 22 checked!...31 matches found!
node 23 checked!...38 matches found!
node 24 checked!...35 matches found!
node 25 checked!...28 matches found!
node 26 checked!...36 matches found!
node 27 checked!...36 matches found!
node 28 checked!...33 matches found!
node 29 checked!...33 matches found!
node 30 checked!...37 matches found!

Voting array
--------------
```

```
[34 30 30 36 38 32 30 33 30 29 33 32 34 35 27 34 38 28 32 30 39 31 38 35 28
 36 36 33 33 37]
```

Putative nodes

```
[30 23  5 21 17]
```

Best matching node from voting array

21

Presence of query node in putative nodes

Absent

Node 1 -> query image 26
----

98 features detected!

Checking for matches...

```
node 1 checked!...43 matches found!
node 2 checked!...36 matches found!
node 3 checked!...36 matches found!
node 4 checked!...40 matches found!
node 5 checked!...40 matches found!
node 6 checked!...33 matches found!
node 7 checked!...34 matches found!
node 8 checked!...37 matches found!
node 9 checked!...30 matches found!
node 10 checked!...33 matches found!
node 11 checked!...39 matches found!
node 12 checked!...36 matches found!
node 13 checked!...36 matches found!
node 14 checked!...38 matches found!
node 15 checked!...24 matches found!
node 16 checked!...33 matches found!
node 17 checked!...41 matches found!
node 18 checked!...34 matches found!
node 19 checked!...35 matches found!
node 20 checked!...35 matches found!
node 21 checked!...41 matches found!
node 22 checked!...35 matches found!
node 23 checked!...41 matches found!
node 24 checked!...37 matches found!
node 25 checked!...31 matches found!
node 26 checked!...37 matches found!
node 27 checked!...38 matches found!
node 28 checked!...36 matches found!
node 29 checked!...36 matches found!
node 30 checked!...41 matches found!
```

Voting array

```
[43 36 36 40 40 33 34 37 30 33 39 36 36 38 24 33 41 34 35 35 41 35 41 37 31
 37 38 36 36 41]
```

Putative nodes

```
[30 23 21 17  1]
```

Best matching node from voting array

1

Presence of query node in putative nodes

Present

Node 1 -> query image 27
----

91 features detected!

Checking for matches...

node 1 checked!...39 matches found!
node 2 checked!...34 matches found!
node 3 checked!...36 matches found!
node 4 checked!...35 matches found!
node 5 checked!...34 matches found!
node 6 checked!...31 matches found!
node 7 checked!...28 matches found!
node 8 checked!...32 matches found!
node 9 checked!...27 matches found!
node 10 checked!...37 matches found!
node 11 checked!...34 matches found!
node 12 checked!...34 matches found!
node 13 checked!...39 matches found!
node 14 checked!...35 matches found!
node 15 checked!...35 matches found!
node 16 checked!...34 matches found!
node 17 checked!...37 matches found!
node 18 checked!...38 matches found!
node 19 checked!...31 matches found!
node 20 checked!...37 matches found!
node 21 checked!...39 matches found!
node 22 checked!...34 matches found!
node 23 checked!...36 matches found!
node 24 checked!...36 matches found!
node 25 checked!...29 matches found!
node 26 checked!...33 matches found!
node 27 checked!...39 matches found!
node 28 checked!...33 matches found!
node 29 checked!...31 matches found!
node 30 checked!...32 matches found!

Voting array

[39 34 36 35 34 31 28 32 27 37 34 34 39 35 35 34 37 38 31 37 39 34 36 36 29
 33 39 33 31 32]

Putative nodes

[18 27 13 21 1]

Best matching node from voting array

1

Presence of query node in putative nodes

```
----------------------------------------
Present


Node 1 -> query image 28
------------------------

91 features detected!

Checking for matches...

node 1 checked!...37 matches found!
node 2 checked!...35 matches found!
node 3 checked!...42 matches found!
node 4 checked!...38 matches found!
node 5 checked!...38 matches found!
node 6 checked!...34 matches found!
node 7 checked!...38 matches found!
node 8 checked!...38 matches found!
node 9 checked!...30 matches found!
node 10 checked!...34 matches found!
node 11 checked!...39 matches found!
node 12 checked!...36 matches found!
node 13 checked!...33 matches found!
node 14 checked!...39 matches found!
node 15 checked!...36 matches found!
node 16 checked!...34 matches found!
node 17 checked!...38 matches found!
node 18 checked!...33 matches found!
node 19 checked!...32 matches found!
node 20 checked!...36 matches found!
node 21 checked!...37 matches found!
node 22 checked!...33 matches found!
node 23 checked!...43 matches found!
node 24 checked!...39 matches found!
node 25 checked!...37 matches found!
node 26 checked!...32 matches found!
node 27 checked!...34 matches found!
node 28 checked!...36 matches found!
node 29 checked!...34 matches found!
node 30 checked!...39 matches found!

Voting array
--------------
[37 35 42 38 38 34 38 38 30 34 39 36 33 39 36 34 38 33 32 36 37 33 43 39 37
 32 34 36 34 39]

Putative nodes
------------
[30 14 24  3 23]

Best matching node from voting array
----------------------------------------
23

Presence of query node in putative nodes
----------------------------------------
Absent


Node 1 -> query image 29
------------------------
```

98 features detected!

Checking for matches...

node 1 checked!...41 matches found!
node 2 checked!...34 matches found!
node 3 checked!...32 matches found!
node 4 checked!...38 matches found!
node 5 checked!...39 matches found!
node 6 checked!...32 matches found!
node 7 checked!...34 matches found!
node 8 checked!...36 matches found!
node 9 checked!...33 matches found!
node 10 checked!...30 matches found!
node 11 checked!...36 matches found!
node 12 checked!...32 matches found!
node 13 checked!...36 matches found!
node 14 checked!...34 matches found!
node 15 checked!...29 matches found!
node 16 checked!...31 matches found!
node 17 checked!...38 matches found!
node 18 checked!...33 matches found!
node 19 checked!...34 matches found!
node 20 checked!...33 matches found!
node 21 checked!...47 matches found!
node 22 checked!...32 matches found!
node 23 checked!...40 matches found!
node 24 checked!...39 matches found!
node 25 checked!...33 matches found!
node 26 checked!...42 matches found!
node 27 checked!...39 matches found!
node 28 checked!...34 matches found!
node 29 checked!...34 matches found!
node 30 checked!...41 matches found!

Voting array

[41 34 32 38 39 32 34 36 33 30 36 32 36 34 29 31 38 33 34 33 47 32 40 39 33
 42 39 34 34 41]

Putative nodes

[23 1 26 21 30]

Best matching node from voting array

21

Presence of query node in putative nodes

Present

Node 1 -> query image 30
----

95 features detected!

Checking for matches...

node 1 checked!...38 matches found!

```
node 2 checked!...34 matches found!
node 3 checked!...34 matches found!
node 4 checked!...38 matches found!
node 5 checked!...36 matches found!
node 6 checked!...32 matches found!
node 7 checked!...30 matches found!
node 8 checked!...32 matches found!
node 9 checked!...33 matches found!
node 10 checked!...31 matches found!
node 11 checked!...35 matches found!
node 12 checked!...36 matches found!
node 13 checked!...39 matches found!
node 14 checked!...37 matches found!
node 15 checked!...29 matches found!
node 16 checked!...35 matches found!
node 17 checked!...36 matches found!
node 18 checked!...32 matches found!
node 19 checked!...31 matches found!
node 20 checked!...39 matches found!
node 21 checked!...36 matches found!
node 22 checked!...34 matches found!
node 23 checked!...39 matches found!
node 24 checked!...35 matches found!
node 25 checked!...32 matches found!
node 26 checked!...36 matches found!
node 27 checked!...30 matches found!
node 28 checked!...33 matches found!
node 29 checked!...29 matches found!
node 30 checked!...36 matches found!

Voting array
--------------
[38 34 34 38 36 32 30 32 33 31 35 36 39 37 29 35 36 32 31 39 36 34 39 35 32
 36 30 33 29 36]

Putative nodes
------------
[ 4  1 20 23 13]

Best matching node from voting array
----------------------------------------
13

Presence of query node in putative nodes
----------------------------------------
Present


Node 1 -> query image 31
------------------------

96 features detected!

Checking for matches...

node 1 checked!...39 matches found!
node 2 checked!...36 matches found!
node 3 checked!...35 matches found!
node 4 checked!...38 matches found!
node 5 checked!...33 matches found!
node 6 checked!...29 matches found!
node 7 checked!...27 matches found!
```

```
node 8 checked!...34 matches found!
node 9 checked!...28 matches found!
node 10 checked!...39 matches found!
node 11 checked!...35 matches found!
node 12 checked!...34 matches found!
node 13 checked!...34 matches found!
node 14 checked!...33 matches found!
node 15 checked!...33 matches found!
node 16 checked!...34 matches found!
node 17 checked!...33 matches found!
node 18 checked!...36 matches found!
node 19 checked!...28 matches found!
node 20 checked!...34 matches found!
node 21 checked!...31 matches found!
node 22 checked!...33 matches found!
node 23 checked!...37 matches found!
node 24 checked!...36 matches found!
node 25 checked!...28 matches found!
node 26 checked!...32 matches found!
node 27 checked!...32 matches found!
node 28 checked!...32 matches found!
node 29 checked!...26 matches found!
node 30 checked!...32 matches found!


Voting array
--------------
[39 36 35 38 33 29 27 34 28 39 35 34 34 33 33 34 33 36 28 34 31 33 37 36 28
 32 32 32 26 32]

Putative nodes
------------
[18 23  4 10  1]

Best matching node from voting array
----------------------------------------
1

Presence of query node in putative nodes
----------------------------------------
Present


Node 1 -> query image 32
------------------------

61 features detected!

Checking for matches...

node 1 checked!...28 matches found!
node 2 checked!...30 matches found!
node 3 checked!...34 matches found!
node 4 checked!...35 matches found!
node 5 checked!...37 matches found!
node 6 checked!...33 matches found!
node 7 checked!...33 matches found!
node 8 checked!...31 matches found!
node 9 checked!...28 matches found!
node 10 checked!...35 matches found!
node 11 checked!...30 matches found!
node 12 checked!...31 matches found!
node 13 checked!...33 matches found!
```

```
node 14 checked!...33 matches found!
node 15 checked!...29 matches found!
node 16 checked!...31 matches found!
node 17 checked!...34 matches found!
node 18 checked!...28 matches found!
node 19 checked!...29 matches found!
node 20 checked!...30 matches found!
node 21 checked!...30 matches found!
node 22 checked!...31 matches found!
node 23 checked!...34 matches found!
node 24 checked!...34 matches found!
node 25 checked!...29 matches found!
node 26 checked!...29 matches found!
node 27 checked!...32 matches found!
node 28 checked!...35 matches found!
node 29 checked!...26 matches found!
node 30 checked!...32 matches found!


Voting array
--------------
[28 30 34 35 37 33 33 31 28 35 30 31 33 33 29 31 34 28 29 30 30 31 34 34 29
 29 32 35 26 32]

Putative nodes
------------
[23 10 28  4  5]

Best matching node from voting array
----------------------------------------
5

Presence of query node in putative nodes
----------------------------------------
Absent


Node 1 -> query image 33
------------------------

27 features detected!

Checking for matches...

node 1 checked!...18 matches found!
node 2 checked!...17 matches found!
node 3 checked!...16 matches found!
node 4 checked!...18 matches found!
node 5 checked!...20 matches found!
node 6 checked!...14 matches found!
node 7 checked!...12 matches found!
node 8 checked!...17 matches found!
node 9 checked!...18 matches found!
node 10 checked!...15 matches found!
node 11 checked!...15 matches found!
node 12 checked!...15 matches found!
node 13 checked!...14 matches found!
node 14 checked!...15 matches found!
node 15 checked!...15 matches found!
node 16 checked!...19 matches found!
node 17 checked!...16 matches found!
node 18 checked!...16 matches found!
node 19 checked!...16 matches found!
```

```
node 20 checked!...14 matches found!
node 21 checked!...19 matches found!
node 22 checked!...14 matches found!
node 23 checked!...17 matches found!
node 24 checked!...17 matches found!
node 25 checked!...16 matches found!
node 26 checked!...17 matches found!
node 27 checked!...19 matches found!
node 28 checked!...16 matches found!
node 29 checked!...16 matches found!
node 30 checked!...15 matches found!
```

Voting array

[18 17 16 18 20 14 12 17 18 15 15 15 14 15 15 19 16 16 16 14 19 14 17 17 16
 17 19 16 16 15]

Putative nodes

[1 21 16 5 27]

Best matching node from voting array

5

Presence of query node in putative nodes

Present

Node 1 -> query image 34
----

90 features detected!

Checking for matches...

```
node 1 checked!...37 matches found!
node 2 checked!...31 matches found!
node 3 checked!...33 matches found!
node 4 checked!...42 matches found!
node 5 checked!...39 matches found!
node 6 checked!...35 matches found!
node 7 checked!...37 matches found!
node 8 checked!...36 matches found!
node 9 checked!...32 matches found!
node 10 checked!...36 matches found!
node 11 checked!...34 matches found!
node 12 checked!...35 matches found!
node 13 checked!...37 matches found!
node 14 checked!...38 matches found!
node 15 checked!...29 matches found!
node 16 checked!...38 matches found!
node 17 checked!...35 matches found!
node 18 checked!...37 matches found!
node 19 checked!...32 matches found!
node 20 checked!...32 matches found!
node 21 checked!...42 matches found!
node 22 checked!...34 matches found!
node 23 checked!...38 matches found!
node 24 checked!...39 matches found!
node 25 checked!...36 matches found!
```

```
node 26 checked!...40 matches found!
node 27 checked!...36 matches found!
node 28 checked!...35 matches found!
node 29 checked!...35 matches found!
node 30 checked!...37 matches found!
```

Voting array

[37 31 33 42 39 35 37 36 32 36 34 35 37 38 29 38 35 37 32 32 42 34 38 39 36
 40 36 35 35 37]

Putative nodes

[5 24 21 4 26]

Best matching node from voting array

4

Presence of query node in putative nodes

Absent

Node 1 -> query image 35
----

63 features detected!

Checking for matches...

```
node 1 checked!...23 matches found!
node 2 checked!...27 matches found!
node 3 checked!...23 matches found!
node 4 checked!...30 matches found!
node 5 checked!...30 matches found!
node 6 checked!...27 matches found!
node 7 checked!...20 matches found!
node 8 checked!...28 matches found!
node 9 checked!...24 matches found!
node 10 checked!...29 matches found!
node 11 checked!...29 matches found!
node 12 checked!...26 matches found!
node 13 checked!...25 matches found!
node 14 checked!...26 matches found!
node 15 checked!...24 matches found!
node 16 checked!...30 matches found!
node 17 checked!...27 matches found!
node 18 checked!...23 matches found!
node 19 checked!...21 matches found!
node 20 checked!...23 matches found!
node 21 checked!...29 matches found!
node 22 checked!...28 matches found!
node 23 checked!...27 matches found!
node 24 checked!...28 matches found!
node 25 checked!...22 matches found!
node 26 checked!...27 matches found!
node 27 checked!...26 matches found!
node 28 checked!...29 matches found!
node 29 checked!...24 matches found!
node 30 checked!...27 matches found!
```

Voting array

[23 27 23 30 30 27 20 28 24 29 29 26 25 26 24 30 27 23 21 23 29 28 27 28 22
 27 26 29 24 27]

Putative nodes

[10 11 5 4 16]

Best matching node from voting array

4

Presence of query node in putative nodes

Absent

Node 1 -> query image 36
----

71 features detected!

Checking for matches...

node 1 checked!...28 matches found!
node 2 checked!...29 matches found!
node 3 checked!...30 matches found!
node 4 checked!...33 matches found!
node 5 checked!...32 matches found!
node 6 checked!...29 matches found!
node 7 checked!...21 matches found!
node 8 checked!...30 matches found!
node 9 checked!...22 matches found!
node 10 checked!...28 matches found!
node 11 checked!...29 matches found!
node 12 checked!...30 matches found!
node 13 checked!...27 matches found!
node 14 checked!...32 matches found!
node 15 checked!...27 matches found!
node 16 checked!...27 matches found!
node 17 checked!...31 matches found!
node 18 checked!...27 matches found!
node 19 checked!...30 matches found!
node 20 checked!...27 matches found!
node 21 checked!...32 matches found!
node 22 checked!...27 matches found!
node 23 checked!...32 matches found!
node 24 checked!...32 matches found!
node 25 checked!...28 matches found!
node 26 checked!...28 matches found!
node 27 checked!...30 matches found!
node 28 checked!...30 matches found!
node 29 checked!...28 matches found!
node 30 checked!...28 matches found!

Voting array

[28 29 30 33 32 29 21 30 22 28 29 30 27 32 27 27 31 27 30 27 32 27 32 32 28
 28 30 30 28 28]

Putative nodes

```
------------
[14 23  5 24  4]
```

Best matching node from voting array

4

Presence of query node in putative nodes

Absent

Node 1 -> query image 37
----

81 features detected!

Checking for matches...

node 1 checked!...36 matches found!
node 2 checked!...38 matches found!
node 3 checked!...37 matches found!
node 4 checked!...34 matches found!
node 5 checked!...36 matches found!
node 6 checked!...32 matches found!
node 7 checked!...29 matches found!
node 8 checked!...31 matches found!
node 9 checked!...29 matches found!
node 10 checked!...35 matches found!
node 11 checked!...32 matches found!
node 12 checked!...33 matches found!
node 13 checked!...36 matches found!
node 14 checked!...36 matches found!
node 15 checked!...36 matches found!
node 16 checked!...37 matches found!
node 17 checked!...31 matches found!
node 18 checked!...36 matches found!
node 19 checked!...32 matches found!
node 20 checked!...35 matches found!
node 21 checked!...32 matches found!
node 22 checked!...27 matches found!
node 23 checked!...37 matches found!
node 24 checked!...35 matches found!
node 25 checked!...35 matches found!
node 26 checked!...35 matches found!
node 27 checked!...32 matches found!
node 28 checked!...33 matches found!
node 29 checked!...33 matches found!
node 30 checked!...40 matches found!

Voting array

```
[36 38 37 34 36 32 29 31 29 35 32 33 36 36 36 37 31 36 32 35 32 27 37 35 35
 35 32 33 33 40]
```

Putative nodes

```
[ 3 16 23  2 30]
```

Best matching node from voting array

30

Presence of query node in putative nodes

Absent

Node 1 -> query image 38
----

81 features detected!

Checking for matches...

node 1 checked!...29 matches found!
node 2 checked!...33 matches found!
node 3 checked!...39 matches found!
node 4 checked!...34 matches found!
node 5 checked!...33 matches found!
node 6 checked!...31 matches found!
node 7 checked!...33 matches found!
node 8 checked!...36 matches found!
node 9 checked!...29 matches found!
node 10 checked!...32 matches found!
node 11 checked!...29 matches found!
node 12 checked!...31 matches found!
node 13 checked!...34 matches found!
node 14 checked!...32 matches found!
node 15 checked!...30 matches found!
node 16 checked!...35 matches found!
node 17 checked!...33 matches found!
node 18 checked!...24 matches found!
node 19 checked!...30 matches found!
node 20 checked!...27 matches found!
node 21 checked!...37 matches found!
node 22 checked!...28 matches found!
node 23 checked!...38 matches found!
node 24 checked!...34 matches found!
node 25 checked!...35 matches found!
node 26 checked!...35 matches found!
node 27 checked!...33 matches found!
node 28 checked!...29 matches found!
node 29 checked!...33 matches found!
node 30 checked!...36 matches found!

Voting array

[29 33 39 34 33 31 33 36 29 32 29 31 34 32 30 35 33 24 30 27 37 28 38 34 35
 35 33 29 33 36]

Putative nodes

[8 30 3 21 23]

Best matching node from voting array

3

Presence of query node in putative nodes

Absent

Node 1 -> query image 39
----

76 features detected!

Checking for matches...

node 1 checked!...32 matches found!
node 2 checked!...31 matches found!
node 3 checked!...36 matches found!
node 4 checked!...38 matches found!
node 5 checked!...38 matches found!
node 6 checked!...30 matches found!
node 7 checked!...35 matches found!
node 8 checked!...33 matches found!
node 9 checked!...27 matches found!
node 10 checked!...37 matches found!
node 11 checked!...34 matches found!
node 12 checked!...36 matches found!
node 13 checked!...36 matches found!
node 14 checked!...36 matches found!
node 15 checked!...31 matches found!
node 16 checked!...33 matches found!
node 17 checked!...30 matches found!
node 18 checked!...32 matches found!
node 19 checked!...31 matches found!
node 20 checked!...33 matches found!
node 21 checked!...38 matches found!
node 22 checked!...33 matches found!
node 23 checked!...39 matches found!
node 24 checked!...37 matches found!
node 25 checked!...33 matches found!
node 26 checked!...39 matches found!
node 27 checked!...33 matches found!
node 28 checked!...34 matches found!
node 29 checked!...32 matches found!
node 30 checked!...32 matches found!

Voting array

[32 31 36 38 38 30 35 33 27 37 34 36 36 36 31 33 30 32 31 33 38 33 39 37 33
 39 33 34 32 32]

Putative nodes

[5 21 4 26 23]

Best matching node from voting array

23

Presence of query node in putative nodes

Absent

Node 1 -> query image 40
----

69 features detected!

Checking for matches...

```
node 1 checked!...25 matches found!
node 2 checked!...29 matches found!
node 3 checked!...28 matches found!
node 4 checked!...32 matches found!
node 5 checked!...31 matches found!
node 6 checked!...24 matches found!
node 7 checked!...25 matches found!
node 8 checked!...30 matches found!
node 9 checked!...23 matches found!
node 10 checked!...27 matches found!
node 11 checked!...29 matches found!
node 12 checked!...27 matches found!
node 13 checked!...29 matches found!
node 14 checked!...30 matches found!
node 15 checked!...28 matches found!
node 16 checked!...29 matches found!
node 17 checked!...30 matches found!
node 18 checked!...28 matches found!
node 19 checked!...31 matches found!
node 20 checked!...24 matches found!
node 21 checked!...31 matches found!
node 22 checked!...24 matches found!
node 23 checked!...28 matches found!
node 24 checked!...26 matches found!
node 25 checked!...22 matches found!
node 26 checked!...29 matches found!
node 27 checked!...33 matches found!
node 28 checked!...31 matches found!
node 29 checked!...31 matches found!
node 30 checked!...29 matches found!

Voting array
--------------
[25 29 28 32 31 24 25 30 23 27 29 27 29 30 28 29 30 28 31 24 31 24 28 26 22
 29 33 31 31 29]

Putative nodes
------------
[29 21 28  4 27]

Best matching node from voting array
----------------------------------------
27

Presence of query node in putative nodes
----------------------------------------
Absent


 Node 1 testing completed!


Node 2 -> query image 1
-----------------------

2 features detected!

Checking for matches...

node 1 checked!...2 matches found!
node 2 checked!...2 matches found!
```

```
node 3 checked!...2 matches found!
node 4 checked!...2 matches found!
node 5 checked!...2 matches found!
node 6 checked!...2 matches found!
node 7 checked!...2 matches found!
node 8 checked!...2 matches found!
node 9 checked!...2 matches found!
node 10 checked!...2 matches found!
node 11 checked!...2 matches found!
node 12 checked!...2 matches found!
node 13 checked!...2 matches found!
node 14 checked!...2 matches found!
node 15 checked!...2 matches found!
node 16 checked!...2 matches found!
node 17 checked!...2 matches found!
node 18 checked!...2 matches found!
node 19 checked!...2 matches found!
node 20 checked!...2 matches found!
node 21 checked!...2 matches found!
node 22 checked!...2 matches found!
node 23 checked!...2 matches found!
node 24 checked!...2 matches found!
node 25 checked!...2 matches found!
node 26 checked!...2 matches found!
node 27 checked!...2 matches found!
node 28 checked!...2 matches found!
node 29 checked!...2 matches found!
node 30 checked!...2 matches found!

Voting array
--------------
[2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2]

Putative nodes
------------
[11 14 12 10 30]

Best matching node from voting array
----------------------------------------
1

Presence of query node in putative nodes
----------------------------------------
Absent


Node 2 -> query image 2
-----------------------

40 features detected!

Checking for matches...

node 1 checked!...25 matches found!
node 2 checked!...24 matches found!
node 3 checked!...23 matches found!
node 4 checked!...25 matches found!
node 5 checked!...25 matches found!
node 6 checked!...22 matches found!
node 7 checked!...22 matches found!
node 8 checked!...20 matches found!
node 9 checked!...19 matches found!
```

```
node 10 checked!...23 matches found!
node 11 checked!...23 matches found!
node 12 checked!...24 matches found!
node 13 checked!...21 matches found!
node 14 checked!...25 matches found!
node 15 checked!...24 matches found!
node 16 checked!...26 matches found!
node 17 checked!...24 matches found!
node 18 checked!...21 matches found!
node 19 checked!...26 matches found!
node 20 checked!...27 matches found!
node 21 checked!...29 matches found!
node 22 checked!...19 matches found!
node 23 checked!...24 matches found!
node 24 checked!...24 matches found!
node 25 checked!...21 matches found!
node 26 checked!...24 matches found!
node 27 checked!...26 matches found!
node 28 checked!...25 matches found!
node 29 checked!...22 matches found!
node 30 checked!...23 matches found!
```

Voting array

[25 24 23 25 25 22 22 20 19 23 23 24 21 25 24 26 24 21 26 27 29 19 24 24 21
 24 26 25 22 23]

Putative nodes

[19 16 21 20 27]

Best matching node from voting array

21

Presence of query node in putative nodes

Absent

Node 2 -> query image 3
----

0 features detected!

Checking for matches...

```
node 1 checked!...0 matches found!
node 2 checked!...0 matches found!
node 3 checked!...0 matches found!
node 4 checked!...0 matches found!
node 5 checked!...0 matches found!
node 6 checked!...0 matches found!
node 7 checked!...0 matches found!
node 8 checked!...0 matches found!
node 9 checked!...0 matches found!
node 10 checked!...0 matches found!
node 11 checked!...0 matches found!
node 12 checked!...0 matches found!
node 13 checked!...0 matches found!
node 14 checked!...0 matches found!
node 15 checked!...0 matches found!
```

```
node 16 checked!...0 matches found!
node 17 checked!...0 matches found!
node 18 checked!...0 matches found!
node 19 checked!...0 matches found!
node 20 checked!...0 matches found!
node 21 checked!...0 matches found!
node 22 checked!...0 matches found!
node 23 checked!...0 matches found!
node 24 checked!...0 matches found!
node 25 checked!...0 matches found!
node 26 checked!...0 matches found!
node 27 checked!...0 matches found!
node 28 checked!...0 matches found!
node 29 checked!...0 matches found!
node 30 checked!...0 matches found!

Voting array
--------------
[0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0]

Unable to predict a matching node and putative nodes!

Node 2 -> query image 4
-----------------------

52 features detected!

Checking for matches...

node 1 checked!...26 matches found!
node 2 checked!...27 matches found!
node 3 checked!...31 matches found!
node 4 checked!...31 matches found!
node 5 checked!...28 matches found!
node 6 checked!...24 matches found!
node 7 checked!...30 matches found!
node 8 checked!...29 matches found!
node 9 checked!...26 matches found!
node 10 checked!...30 matches found!
node 11 checked!...26 matches found!
node 12 checked!...28 matches found!
node 13 checked!...31 matches found!
node 14 checked!...29 matches found!
node 15 checked!...26 matches found!
node 16 checked!...30 matches found!
node 17 checked!...27 matches found!
node 18 checked!...31 matches found!
node 19 checked!...24 matches found!
node 20 checked!...29 matches found!
node 21 checked!...29 matches found!
node 22 checked!...28 matches found!
node 23 checked!...31 matches found!
node 24 checked!...32 matches found!
node 25 checked!...28 matches found!
node 26 checked!...29 matches found!
node 27 checked!...33 matches found!
node 28 checked!...30 matches found!
node 29 checked!...27 matches found!
node 30 checked!...33 matches found!

Voting array
--------------
```

[26 27 31 31 28 24 30 29 26 30 26 28 31 29 26 30 27 31 24 29 29 28 31 32 28
 29 33 30 27 33]

Putative nodes

[4 24 13 27 30]

Best matching node from voting array

27

Presence of query node in putative nodes

Absent

Node 2 -> query image 5
----

40 features detected!

Checking for matches...

node 1 checked!...22 matches found!
node 2 checked!...27 matches found!
node 3 checked!...23 matches found!
node 4 checked!...23 matches found!
node 5 checked!...23 matches found!
node 6 checked!...21 matches found!
node 7 checked!...20 matches found!
node 8 checked!...22 matches found!
node 9 checked!...16 matches found!
node 10 checked!...23 matches found!
node 11 checked!...27 matches found!
node 12 checked!...25 matches found!
node 13 checked!...22 matches found!
node 14 checked!...23 matches found!
node 15 checked!...22 matches found!
node 16 checked!...23 matches found!
node 17 checked!...23 matches found!
node 18 checked!...20 matches found!
node 19 checked!...18 matches found!
node 20 checked!...22 matches found!
node 21 checked!...28 matches found!
node 22 checked!...18 matches found!
node 23 checked!...23 matches found!
node 24 checked!...23 matches found!
node 25 checked!...21 matches found!
node 26 checked!...24 matches found!
node 27 checked!...21 matches found!
node 28 checked!...24 matches found!
node 29 checked!...21 matches found!
node 30 checked!...25 matches found!

Voting array

[22 27 23 23 23 21 20 22 16 23 27 25 22 23 22 23 23 20 18 22 28 18 23 23 21
 24 21 24 21 25]

Putative nodes

[12 30 2 11 21]

Best matching node from voting array

21

Presence of query node in putative nodes

Present

Node 2 -> query image 6
----

34 features detected!

Checking for matches...

node 1 checked!...21 matches found!
node 2 checked!...19 matches found!
node 3 checked!...19 matches found!
node 4 checked!...19 matches found!
node 5 checked!...22 matches found!
node 6 checked!...20 matches found!
node 7 checked!...20 matches found!
node 8 checked!...19 matches found!
node 9 checked!...18 matches found!
node 10 checked!...21 matches found!
node 11 checked!...24 matches found!
node 12 checked!...18 matches found!
node 13 checked!...20 matches found!
node 14 checked!...18 matches found!
node 15 checked!...20 matches found!
node 16 checked!...21 matches found!
node 17 checked!...18 matches found!
node 18 checked!...19 matches found!
node 19 checked!...18 matches found!
node 20 checked!...21 matches found!
node 21 checked!...24 matches found!
node 22 checked!...19 matches found!
node 23 checked!...20 matches found!
node 24 checked!...21 matches found!
node 25 checked!...20 matches found!
node 26 checked!...23 matches found!
node 27 checked!...22 matches found!
node 28 checked!...19 matches found!
node 29 checked!...22 matches found!
node 30 checked!...20 matches found!

Voting array

[21 19 19 19 22 20 20 19 18 21 24 18 20 18 20 21 18 19 18 21 24 19 20 21 20
 23 22 19 22 20]

Putative nodes

[5 27 26 11 21]

Best matching node from voting array

11

Presence of query node in putative nodes

Absent

Node 2 -> query image 7
----

62 features detected!

Checking for matches...

node 1 checked!...31 matches found!
node 2 checked!...29 matches found!
node 3 checked!...27 matches found!
node 4 checked!...32 matches found!
node 5 checked!...30 matches found!
node 6 checked!...26 matches found!
node 7 checked!...23 matches found!
node 8 checked!...27 matches found!
node 9 checked!...24 matches found!
node 10 checked!...27 matches found!
node 11 checked!...32 matches found!
node 12 checked!...27 matches found!
node 13 checked!...30 matches found!
node 14 checked!...32 matches found!
node 15 checked!...31 matches found!
node 16 checked!...30 matches found!
node 17 checked!...33 matches found!
node 18 checked!...28 matches found!
node 19 checked!...28 matches found!
node 20 checked!...29 matches found!
node 21 checked!...30 matches found!
node 22 checked!...26 matches found!
node 23 checked!...29 matches found!
node 24 checked!...28 matches found!
node 25 checked!...27 matches found!
node 26 checked!...28 matches found!
node 27 checked!...31 matches found!
node 28 checked!...28 matches found!
node 29 checked!...27 matches found!
node 30 checked!...28 matches found!

Voting array

[31 29 27 32 30 26 23 27 24 27 32 27 30 32 31 30 33 28 28 29 30 26 29 28 27
 28 31 28 27 28]

Putative nodes

[15 4 11 14 17]

Best matching node from voting array

17

Presence of query node in putative nodes

Absent

Node 2 -> query image 8
----

61 features detected!

Checking for matches...

node 1 checked!...29 matches found!
node 2 checked!...31 matches found!
node 3 checked!...28 matches found!
node 4 checked!...30 matches found!
node 5 checked!...31 matches found!
node 6 checked!...26 matches found!
node 7 checked!...25 matches found!
node 8 checked!...31 matches found!
node 9 checked!...28 matches found!
node 10 checked!...24 matches found!
node 11 checked!...31 matches found!
node 12 checked!...26 matches found!
node 13 checked!...32 matches found!
node 14 checked!...33 matches found!
node 15 checked!...29 matches found!
node 16 checked!...31 matches found!
node 17 checked!...33 matches found!
node 18 checked!...32 matches found!
node 19 checked!...28 matches found!
node 20 checked!...28 matches found!
node 21 checked!...30 matches found!
node 22 checked!...28 matches found!
node 23 checked!...31 matches found!
node 24 checked!...29 matches found!
node 25 checked!...25 matches found!
node 26 checked!...29 matches found!
node 27 checked!...32 matches found!
node 28 checked!...31 matches found!
node 29 checked!...29 matches found!
node 30 checked!...29 matches found!

Voting array

[29 31 28 30 31 26 25 31 28 24 31 26 32 33 29 31 33 32 28 28 30 28 31 29 25
 29 32 31 29 29]

Putative nodes

[18 27 13 14 17]

Best matching node from voting array

14

Presence of query node in putative nodes

Absent

Node 2 -> query image 9
----

89 features detected!

Checking for matches...

node 1 checked!...33 matches found!

```
node 2 checked!...39 matches found!
node 3 checked!...37 matches found!
node 4 checked!...38 matches found!
node 5 checked!...35 matches found!
node 6 checked!...34 matches found!
node 7 checked!...31 matches found!
node 8 checked!...34 matches found!
node 9 checked!...28 matches found!
node 10 checked!...37 matches found!
node 11 checked!...36 matches found!
node 12 checked!...35 matches found!
node 13 checked!...31 matches found!
node 14 checked!...36 matches found!
node 15 checked!...31 matches found!
node 16 checked!...35 matches found!
node 17 checked!...41 matches found!
node 18 checked!...35 matches found!
node 19 checked!...34 matches found!
node 20 checked!...35 matches found!
node 21 checked!...38 matches found!
node 22 checked!...33 matches found!
node 23 checked!...36 matches found!
node 24 checked!...37 matches found!
node 25 checked!...31 matches found!
node 26 checked!...31 matches found!
node 27 checked!...37 matches found!
node 28 checked!...31 matches found!
node 29 checked!...28 matches found!
node 30 checked!...34 matches found!

Voting array
--------------
[33 39 37 38 35 34 31 34 28 37 36 35 31 36 31 35 41 35 34 35 38 33 36 37 31
 31 37 31 28 34]

Putative nodes
------------
[10 21  4  2 17]

Best matching node from voting array
----------------------------------------
17

Presence of query node in putative nodes
----------------------------------------
Present


Node 2 -> query image 10
------------------------

60 features detected!

Checking for matches...

node 1 checked!...30 matches found!
node 2 checked!...28 matches found!
node 3 checked!...25 matches found!
node 4 checked!...31 matches found!
node 5 checked!...32 matches found!
node 6 checked!...27 matches found!
node 7 checked!...29 matches found!
```

```
node 8 checked!...29 matches found!
node 9 checked!...21 matches found!
node 10 checked!...31 matches found!
node 11 checked!...30 matches found!
node 12 checked!...31 matches found!
node 13 checked!...25 matches found!
node 14 checked!...28 matches found!
node 15 checked!...27 matches found!
node 16 checked!...28 matches found!
node 17 checked!...29 matches found!
node 18 checked!...28 matches found!
node 19 checked!...31 matches found!
node 20 checked!...25 matches found!
node 21 checked!...31 matches found!
node 22 checked!...23 matches found!
node 23 checked!...30 matches found!
node 24 checked!...30 matches found!
node 25 checked!...28 matches found!
node 26 checked!...31 matches found!
node 27 checked!...29 matches found!
node 28 checked!...28 matches found!
node 29 checked!...30 matches found!
node 30 checked!...33 matches found!


Voting array
--------------
[30 28 25 31 32 27 29 29 21 31 30 31 25 28 27 28 29 28 31 25 31 23 30 30 28
 31 29 28 30 33]

Putative nodes
------------
[21 19  5 12 30]

Best matching node from voting array
----------------------------------------
30

Presence of query node in putative nodes
----------------------------------------
Absent


Node 2 -> query image 11
------------------------

98 features detected!

Checking for matches...

node 1 checked!...33 matches found!
node 2 checked!...37 matches found!
node 3 checked!...33 matches found!
node 4 checked!...40 matches found!
node 5 checked!...32 matches found!
node 6 checked!...30 matches found!
node 7 checked!...36 matches found!
node 8 checked!...36 matches found!
node 9 checked!...34 matches found!
node 10 checked!...39 matches found!
node 11 checked!...36 matches found!
node 12 checked!...38 matches found!
node 13 checked!...40 matches found!
```

```
node 14 checked!...39 matches found!
node 15 checked!...32 matches found!
node 16 checked!...37 matches found!
node 17 checked!...42 matches found!
node 18 checked!...41 matches found!
node 19 checked!...33 matches found!
node 20 checked!...36 matches found!
node 21 checked!...40 matches found!
node 22 checked!...34 matches found!
node 23 checked!...37 matches found!
node 24 checked!...37 matches found!
node 25 checked!...39 matches found!
node 26 checked!...38 matches found!
node 27 checked!...33 matches found!
node 28 checked!...39 matches found!
node 29 checked!...31 matches found!
node 30 checked!...39 matches found!


Voting array
--------------
[33 37 33 40 32 30 36 36 34 39 36 38 40 39 32 37 42 41 33 36 40 34 37 37 39
 38 33 39 31 39]

Putative nodes
------------
[21 13 18 17  4]

Best matching node from voting array
----------------------------------------
17

Presence of query node in putative nodes
----------------------------------------
Absent


Node 2 -> query image 12
-----------------------

69 features detected!

Checking for matches...

node 1 checked!...26 matches found!
node 2 checked!...31 matches found!
node 3 checked!...30 matches found!
node 4 checked!...34 matches found!
node 5 checked!...32 matches found!
node 6 checked!...29 matches found!
node 7 checked!...27 matches found!
node 8 checked!...35 matches found!
node 9 checked!...29 matches found!
node 10 checked!...30 matches found!
node 11 checked!...27 matches found!
node 12 checked!...29 matches found!
node 13 checked!...31 matches found!
node 14 checked!...33 matches found!
node 15 checked!...33 matches found!
node 16 checked!...31 matches found!
node 17 checked!...31 matches found!
node 18 checked!...31 matches found!
node 19 checked!...33 matches found!
```

```
node 20 checked!...29 matches found!
node 21 checked!...27 matches found!
node 22 checked!...30 matches found!
node 23 checked!...36 matches found!
node 24 checked!...31 matches found!
node 25 checked!...29 matches found!
node 26 checked!...35 matches found!
node 27 checked!...29 matches found!
node 28 checked!...29 matches found!
node 29 checked!...29 matches found!
node 30 checked!...27 matches found!


Voting array
--------------
[26 31 30 34 32 29 27 35 29 30 27 29 31 33 33 31 31 31 33 29 27 30 36 31 29
 35 29 29 29 27]

Putative nodes
------------
[15  4 23  8 26]

Best matching node from voting array
----------------------------------------
23

Presence of query node in putative nodes
----------------------------------------
Absent


Node 2 -> query image 13
------------------------

2 features detected!

Checking for matches...

node 1 checked!...1 matches found!
node 2 checked!...1 matches found!
node 3 checked!...1 matches found!
node 4 checked!...1 matches found!
node 5 checked!...1 matches found!
node 6 checked!...1 matches found!
node 7 checked!...1 matches found!
node 8 checked!...1 matches found!
node 9 checked!...1 matches found!
node 10 checked!...1 matches found!
node 11 checked!...1 matches found!
node 12 checked!...1 matches found!
node 13 checked!...1 matches found!
node 14 checked!...1 matches found!
node 15 checked!...1 matches found!
node 16 checked!...1 matches found!
node 17 checked!...1 matches found!
node 18 checked!...1 matches found!
node 19 checked!...1 matches found!
node 20 checked!...1 matches found!
node 21 checked!...1 matches found!
node 22 checked!...1 matches found!
node 23 checked!...1 matches found!
node 24 checked!...1 matches found!
node 25 checked!...1 matches found!
```

```
node 26 checked!...1 matches found!
node 27 checked!...1 matches found!
node 28 checked!...1 matches found!
node 29 checked!...1 matches found!
node 30 checked!...1 matches found!

Voting array
--------------
[1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1]

Putative nodes
------------
[11 14 12 10 30]

Best matching node from voting array
----------------------------------------
1

Presence of query node in putative nodes
----------------------------------------
Absent


Node 2 -> query image 14
------------------------

49 features detected!

Checking for matches...

node 1 checked!...24 matches found!
node 2 checked!...18 matches found!
node 3 checked!...23 matches found!
node 4 checked!...29 matches found!
node 5 checked!...24 matches found!
node 6 checked!...21 matches found!
node 7 checked!...20 matches found!
node 8 checked!...26 matches found!
node 9 checked!...19 matches found!
node 10 checked!...23 matches found!
node 11 checked!...23 matches found!
node 12 checked!...23 matches found!
node 13 checked!...21 matches found!
node 14 checked!...21 matches found!
node 15 checked!...19 matches found!
node 16 checked!...22 matches found!
node 17 checked!...29 matches found!
node 18 checked!...23 matches found!
node 19 checked!...22 matches found!
node 20 checked!...21 matches found!
node 21 checked!...27 matches found!
node 22 checked!...20 matches found!
node 23 checked!...23 matches found!
node 24 checked!...22 matches found!
node 25 checked!...22 matches found!
node 26 checked!...21 matches found!
node 27 checked!...27 matches found!
node 28 checked!...24 matches found!
node 29 checked!...25 matches found!
node 30 checked!...28 matches found!

Voting array
```

```
--------------
[24 18 23 29 24 21 20 26 19 23 23 23 21 21 19 22 29 23 22 21 27 20 23 22 22
 21 27 24 25 28]
```

Putative nodes

```
[21 27  4 17 30]
```

Best matching node from voting array

4

Presence of query node in putative nodes

Absent

Node 2 -> query image 15
----

49 features detected!

Checking for matches...

node 1 checked!...22 matches found!
node 2 checked!...23 matches found!
node 3 checked!...23 matches found!
node 4 checked!...28 matches found!
node 5 checked!...26 matches found!
node 6 checked!...23 matches found!
node 7 checked!...23 matches found!
node 8 checked!...26 matches found!
node 9 checked!...23 matches found!
node 10 checked!...20 matches found!
node 11 checked!...27 matches found!
node 12 checked!...23 matches found!
node 13 checked!...27 matches found!
node 14 checked!...25 matches found!
node 15 checked!...19 matches found!
node 16 checked!...27 matches found!
node 17 checked!...31 matches found!
node 18 checked!...23 matches found!
node 19 checked!...25 matches found!
node 20 checked!...23 matches found!
node 21 checked!...29 matches found!
node 22 checked!...24 matches found!
node 23 checked!...29 matches found!
node 24 checked!...23 matches found!
node 25 checked!...23 matches found!
node 26 checked!...24 matches found!
node 27 checked!...28 matches found!
node 28 checked!...27 matches found!
node 29 checked!...26 matches found!
node 30 checked!...28 matches found!

Voting array

```
[22 23 23 28 26 23 23 26 23 20 27 23 27 25 19 27 31 23 25 23 29 24 29 23 23
 24 28 27 26 28]
```

Putative nodes

[4 27 23 21 17]

Best matching node from voting array

17

Presence of query node in putative nodes

Absent

Node 2 -> query image 16
----

93 features detected!

Checking for matches...

node 1 checked!...31 matches found!
node 2 checked!...36 matches found!
node 3 checked!...35 matches found!
node 4 checked!...39 matches found!
node 5 checked!...37 matches found!
node 6 checked!...35 matches found!
node 7 checked!...32 matches found!
node 8 checked!...36 matches found!
node 9 checked!...35 matches found!
node 10 checked!...39 matches found!
node 11 checked!...36 matches found!
node 12 checked!...36 matches found!
node 13 checked!...38 matches found!
node 14 checked!...40 matches found!
node 15 checked!...35 matches found!
node 16 checked!...34 matches found!
node 17 checked!...38 matches found!
node 18 checked!...39 matches found!
node 19 checked!...35 matches found!
node 20 checked!...37 matches found!
node 21 checked!...41 matches found!
node 22 checked!...35 matches found!
node 23 checked!...38 matches found!
node 24 checked!...36 matches found!
node 25 checked!...35 matches found!
node 26 checked!...33 matches found!
node 27 checked!...35 matches found!
node 28 checked!...36 matches found!
node 29 checked!...32 matches found!
node 30 checked!...37 matches found!

Voting array

[31 36 35 39 37 35 32 36 35 39 36 36 38 40 35 34 38 39 35 37 41 35 38 36 35
 33 35 36 32 37]

Putative nodes

[10 4 14 18 21]

Best matching node from voting array

21

Presence of query node in putative nodes

Absent

Node 2 -> query image 17
----

91 features detected!

Checking for matches...

node 1 checked!...31 matches found!
node 2 checked!...30 matches found!
node 3 checked!...34 matches found!
node 4 checked!...37 matches found!
node 5 checked!...35 matches found!
node 6 checked!...31 matches found!
node 7 checked!...29 matches found!
node 8 checked!...34 matches found!
node 9 checked!...29 matches found!
node 10 checked!...32 matches found!
node 11 checked!...35 matches found!
node 12 checked!...35 matches found!
node 13 checked!...40 matches found!
node 14 checked!...31 matches found!
node 15 checked!...34 matches found!
node 16 checked!...32 matches found!
node 17 checked!...37 matches found!
node 18 checked!...32 matches found!
node 19 checked!...35 matches found!
node 20 checked!...36 matches found!
node 21 checked!...39 matches found!
node 22 checked!...30 matches found!
node 23 checked!...37 matches found!
node 24 checked!...32 matches found!
node 25 checked!...30 matches found!
node 26 checked!...38 matches found!
node 27 checked!...39 matches found!
node 28 checked!...36 matches found!
node 29 checked!...27 matches found!
node 30 checked!...35 matches found!

Voting array

[31 30 34 37 35 31 29 34 29 32 35 35 40 31 34 32 37 32 35 36 39 30 37 32 30
 38 39 36 27 35]

Putative nodes

[23 26 21 27 13]

Best matching node from voting array

13

Presence of query node in putative nodes

Absent

Node 2 -> query image 18

----

88 features detected!

Checking for matches...

node 1 checked!...33 matches found!
node 2 checked!...34 matches found!
node 3 checked!...39 matches found!
node 4 checked!...34 matches found!
node 5 checked!...38 matches found!
node 6 checked!...33 matches found!
node 7 checked!...37 matches found!
node 8 checked!...35 matches found!
node 9 checked!...29 matches found!
node 10 checked!...36 matches found!
node 11 checked!...31 matches found!
node 12 checked!...33 matches found!
node 13 checked!...31 matches found!
node 14 checked!...38 matches found!
node 15 checked!...29 matches found!
node 16 checked!...40 matches found!
node 17 checked!...35 matches found!
node 18 checked!...34 matches found!
node 19 checked!...35 matches found!
node 20 checked!...35 matches found!
node 21 checked!...36 matches found!
node 22 checked!...33 matches found!
node 23 checked!...36 matches found!
node 24 checked!...37 matches found!
node 25 checked!...32 matches found!
node 26 checked!...34 matches found!
node 27 checked!...37 matches found!
node 28 checked!...40 matches found!
node 29 checked!...31 matches found!
node 30 checked!...28 matches found!

Voting array

[33 34 39 34 38 33 37 35 29 36 31 33 31 38 29 40 35 34 35 35 36 33 36 37 32
 34 37 40 31 28]

Putative nodes

[14 5 28 3 16]

Best matching node from voting array

16

Presence of query node in putative nodes

Absent

Node 2 -> query image 19
----

36 features detected!

Checking for matches...

```
node 1 checked!...22 matches found!
node 2 checked!...22 matches found!
node 3 checked!...23 matches found!
node 4 checked!...22 matches found!
node 5 checked!...23 matches found!
node 6 checked!...23 matches found!
node 7 checked!...23 matches found!
node 8 checked!...25 matches found!
node 9 checked!...23 matches found!
node 10 checked!...23 matches found!
node 11 checked!...19 matches found!
node 12 checked!...22 matches found!
node 13 checked!...22 matches found!
node 14 checked!...22 matches found!
node 15 checked!...23 matches found!
node 16 checked!...23 matches found!
node 17 checked!...23 matches found!
node 18 checked!...23 matches found!
node 19 checked!...23 matches found!
node 20 checked!...20 matches found!
node 21 checked!...21 matches found!
node 22 checked!...20 matches found!
node 23 checked!...25 matches found!
node 24 checked!...26 matches found!
node 25 checked!...22 matches found!
node 26 checked!...24 matches found!
node 27 checked!...25 matches found!
node 28 checked!...23 matches found!
node 29 checked!...21 matches found!
node 30 checked!...23 matches found!

Voting array
--------------
[22 22 23 22 23 23 23 25 23 23 19 22 22 22 23 23 23 23 23 20 21 20 25 26 22
 24 25 23 21 23]

Putative nodes
------------
[26 27 23  8 24]

Best matching node from voting array
----------------------------------------
24

Presence of query node in putative nodes
----------------------------------------
Absent


Node 2 -> query image 20
------------------------

94 features detected!

Checking for matches...

node 1 checked!...38 matches found!
node 2 checked!...42 matches found!
node 3 checked!...39 matches found!
node 4 checked!...41 matches found!
node 5 checked!...42 matches found!
node 6 checked!...41 matches found!
```

```
node 7 checked!...40 matches found!
node 8 checked!...44 matches found!
node 9 checked!...31 matches found!
node 10 checked!...38 matches found!
node 11 checked!...39 matches found!
node 12 checked!...38 matches found!
node 13 checked!...42 matches found!
node 14 checked!...36 matches found!
node 15 checked!...36 matches found!
node 16 checked!...39 matches found!
node 17 checked!...45 matches found!
node 18 checked!...37 matches found!
node 19 checked!...35 matches found!
node 20 checked!...39 matches found!
node 21 checked!...41 matches found!
node 22 checked!...40 matches found!
node 23 checked!...40 matches found!
node 24 checked!...43 matches found!
node 25 checked!...34 matches found!
node 26 checked!...37 matches found!
node 27 checked!...37 matches found!
node 28 checked!...40 matches found!
node 29 checked!...37 matches found!
node 30 checked!...39 matches found!
```

Voting array

[38 42 39 41 42 41 40 44 31 38 39 38 42 36 36 39 45 37 35 39 41 40 40 43 34
 37 37 40 37 39]

Putative nodes

[2 5 24 8 17]

Best matching node from voting array

17

Presence of query node in putative nodes

Present

Node 2 -> query image 21
----

86 features detected!

Checking for matches...

```
node 1 checked!...31 matches found!
node 2 checked!...32 matches found!
node 3 checked!...34 matches found!
node 4 checked!...39 matches found!
node 5 checked!...31 matches found!
node 6 checked!...27 matches found!
node 7 checked!...33 matches found!
node 8 checked!...30 matches found!
node 9 checked!...31 matches found!
node 10 checked!...33 matches found!
node 11 checked!...30 matches found!
node 12 checked!...31 matches found!
```

```
node 13 checked!...35 matches found!
node 14 checked!...33 matches found!
node 15 checked!...30 matches found!
node 16 checked!...34 matches found!
node 17 checked!...32 matches found!
node 18 checked!...33 matches found!
node 19 checked!...38 matches found!
node 20 checked!...37 matches found!
node 21 checked!...32 matches found!
node 22 checked!...30 matches found!
node 23 checked!...33 matches found!
node 24 checked!...31 matches found!
node 25 checked!...29 matches found!
node 26 checked!...32 matches found!
node 27 checked!...30 matches found!
node 28 checked!...32 matches found!
node 29 checked!...28 matches found!
node 30 checked!...37 matches found!
```

Voting array

[31 32 34 39 31 27 33 30 31 33 30 31 35 33 30 34 32 33 38 37 32 30 33 31 29
 32 30 32 28 37]

Putative nodes

[13 4 20 19 30]

Best matching node from voting array

4

Presence of query node in putative nodes

Absent

Node 2 -> query image 22
----

97 features detected!

Checking for matches...

```
node 1 checked!...37 matches found!
node 2 checked!...33 matches found!
node 3 checked!...36 matches found!
node 4 checked!...38 matches found!
node 5 checked!...36 matches found!
node 6 checked!...31 matches found!
node 7 checked!...31 matches found!
node 8 checked!...34 matches found!
node 9 checked!...28 matches found!
node 10 checked!...31 matches found!
node 11 checked!...32 matches found!
node 12 checked!...32 matches found!
node 13 checked!...37 matches found!
node 14 checked!...37 matches found!
node 15 checked!...34 matches found!
node 16 checked!...36 matches found!
node 17 checked!...37 matches found!
node 18 checked!...32 matches found!
```

```
node 19 checked!...39 matches found!
node 20 checked!...35 matches found!
node 21 checked!...37 matches found!
node 22 checked!...27 matches found!
node 23 checked!...34 matches found!
node 24 checked!...33 matches found!
node 25 checked!...31 matches found!
node 26 checked!...34 matches found!
node 27 checked!...41 matches found!
node 28 checked!...36 matches found!
node 29 checked!...34 matches found!
node 30 checked!...38 matches found!
```

Voting array

[37 33 36 38 36 31 31 34 28 31 32 32 37 37 34 36 37 32 39 35 37 27 34 33 31
 34 41 36 34 38]

Putative nodes

[17 4 30 27 19]

Best matching node from voting array

27

Presence of query node in putative nodes

Absent

Node 2 -> query image 23
----

92 features detected!

Checking for matches...

```
node 1 checked!...34 matches found!
node 2 checked!...35 matches found!
node 3 checked!...39 matches found!
node 4 checked!...35 matches found!
node 5 checked!...33 matches found!
node 6 checked!...31 matches found!
node 7 checked!...33 matches found!
node 8 checked!...36 matches found!
node 9 checked!...31 matches found!
node 10 checked!...35 matches found!
node 11 checked!...35 matches found!
node 12 checked!...31 matches found!
node 13 checked!...35 matches found!
node 14 checked!...37 matches found!
node 15 checked!...34 matches found!
node 16 checked!...38 matches found!
node 17 checked!...38 matches found!
node 18 checked!...30 matches found!
node 19 checked!...32 matches found!
node 20 checked!...31 matches found!
node 21 checked!...36 matches found!
node 22 checked!...27 matches found!
node 23 checked!...33 matches found!
node 24 checked!...34 matches found!
```

```
node 25 checked!...31 matches found!
node 26 checked!...34 matches found!
node 27 checked!...38 matches found!
node 28 checked!...37 matches found!
node 29 checked!...32 matches found!
node 30 checked!...34 matches found!
```

Voting array

[34 35 39 35 33 31 33 36 31 35 35 31 35 37 34 38 38 30 32 31 36 27 33 34 31
 34 38 37 32 34]

Putative nodes

[14 27 16 3 17]

Best matching node from voting array

3

Presence of query node in putative nodes

Absent

Node 2 -> query image 24
----

87 features detected!

Checking for matches...

```
node 1 checked!...34 matches found!
node 2 checked!...39 matches found!
node 3 checked!...37 matches found!
node 4 checked!...36 matches found!
node 5 checked!...36 matches found!
node 6 checked!...34 matches found!
node 7 checked!...34 matches found!
node 8 checked!...33 matches found!
node 9 checked!...29 matches found!
node 10 checked!...37 matches found!
node 11 checked!...37 matches found!
node 12 checked!...34 matches found!
node 13 checked!...33 matches found!
node 14 checked!...36 matches found!
node 15 checked!...29 matches found!
node 16 checked!...38 matches found!
node 17 checked!...37 matches found!
node 18 checked!...34 matches found!
node 19 checked!...36 matches found!
node 20 checked!...35 matches found!
node 21 checked!...38 matches found!
node 22 checked!...31 matches found!
node 23 checked!...36 matches found!
node 24 checked!...39 matches found!
node 25 checked!...33 matches found!
node 26 checked!...34 matches found!
node 27 checked!...35 matches found!
node 28 checked!...34 matches found!
node 29 checked!...28 matches found!
node 30 checked!...33 matches found!
```

Voting array

[34 39 37 36 36 34 34 33 29 37 37 34 33 36 29 38 37 34 36 35 38 31 36 39 33
 34 35 34 28 33]

Putative nodes

[10 21 16 24 2]

Best matching node from voting array

2

Presence of query node in putative nodes

Present

Node 2 -> query image 25
----

87 features detected!

Checking for matches...

node 1 checked!...38 matches found!
node 2 checked!...39 matches found!
node 3 checked!...40 matches found!
node 4 checked!...40 matches found!
node 5 checked!...41 matches found!
node 6 checked!...36 matches found!
node 7 checked!...38 matches found!
node 8 checked!...41 matches found!
node 9 checked!...32 matches found!
node 10 checked!...37 matches found!
node 11 checked!...39 matches found!
node 12 checked!...38 matches found!
node 13 checked!...43 matches found!
node 14 checked!...37 matches found!
node 15 checked!...41 matches found!
node 16 checked!...38 matches found!
node 17 checked!...42 matches found!
node 18 checked!...39 matches found!
node 19 checked!...35 matches found!
node 20 checked!...39 matches found!
node 21 checked!...38 matches found!
node 22 checked!...38 matches found!
node 23 checked!...42 matches found!
node 24 checked!...43 matches found!
node 25 checked!...36 matches found!
node 26 checked!...36 matches found!
node 27 checked!...37 matches found!
node 28 checked!...40 matches found!
node 29 checked!...32 matches found!
node 30 checked!...39 matches found!

Voting array

[38 39 40 40 41 36 38 41 32 37 39 38 43 37 41 38 42 39 35 39 38 38 42 43 36
 36 37 40 32 39]

Putative nodes

[5 17 23 13 24]

Best matching node from voting array

13

Presence of query node in putative nodes

Absent

Node 2 -> query image 26
----

92 features detected!

Checking for matches...

node 1 checked!...28 matches found!
node 2 checked!...32 matches found!
node 3 checked!...34 matches found!
node 4 checked!...39 matches found!
node 5 checked!...34 matches found!
node 6 checked!...32 matches found!
node 7 checked!...31 matches found!
node 8 checked!...31 matches found!
node 9 checked!...33 matches found!
node 10 checked!...36 matches found!
node 11 checked!...34 matches found!
node 12 checked!...34 matches found!
node 13 checked!...34 matches found!
node 14 checked!...35 matches found!
node 15 checked!...36 matches found!
node 16 checked!...38 matches found!
node 17 checked!...44 matches found!
node 18 checked!...36 matches found!
node 19 checked!...39 matches found!
node 20 checked!...34 matches found!
node 21 checked!...35 matches found!
node 22 checked!...33 matches found!
node 23 checked!...40 matches found!
node 24 checked!...35 matches found!
node 25 checked!...31 matches found!
node 26 checked!...32 matches found!
node 27 checked!...36 matches found!
node 28 checked!...33 matches found!
node 29 checked!...32 matches found!
node 30 checked!...37 matches found!

Voting array

[28 32 34 39 34 32 31 31 33 36 34 34 34 35 36 38 44 36 39 34 35 33 40 35 31
 32 36 33 32 37]

Putative nodes

[16 19 4 23 17]

Best matching node from voting array

17

Presence of query node in putative nodes

Absent

Node 2 -> query image 27
----

92 features detected!

Checking for matches...

node 1 checked!...35 matches found!
node 2 checked!...34 matches found!
node 3 checked!...37 matches found!
node 4 checked!...38 matches found!
node 5 checked!...33 matches found!
node 6 checked!...36 matches found!
node 7 checked!...32 matches found!
node 8 checked!...34 matches found!
node 9 checked!...29 matches found!
node 10 checked!...31 matches found!
node 11 checked!...30 matches found!
node 12 checked!...35 matches found!
node 13 checked!...41 matches found!
node 14 checked!...39 matches found!
node 15 checked!...38 matches found!
node 16 checked!...36 matches found!
node 17 checked!...34 matches found!
node 18 checked!...36 matches found!
node 19 checked!...35 matches found!
node 20 checked!...36 matches found!
node 21 checked!...40 matches found!
node 22 checked!...29 matches found!
node 23 checked!...34 matches found!
node 24 checked!...34 matches found!
node 25 checked!...31 matches found!
node 26 checked!...37 matches found!
node 27 checked!...40 matches found!
node 28 checked!...42 matches found!
node 29 checked!...32 matches found!
node 30 checked!...37 matches found!

Voting array

[35 34 37 38 33 36 32 34 29 31 30 35 41 39 38 36 34 36 35 36 40 29 34 34 31
 37 40 42 32 37]

Putative nodes

[14 21 27 13 28]

Best matching node from voting array

28

Presence of query node in putative nodes

Absent

Node 2 -> query image 28
----

67 features detected!

Checking for matches...

node 1 checked!...30 matches found!
node 2 checked!...30 matches found!
node 3 checked!...34 matches found!
node 4 checked!...30 matches found!
node 5 checked!...33 matches found!
node 6 checked!...31 matches found!
node 7 checked!...33 matches found!
node 8 checked!...34 matches found!
node 9 checked!...29 matches found!
node 10 checked!...33 matches found!
node 11 checked!...30 matches found!
node 12 checked!...29 matches found!
node 13 checked!...33 matches found!
node 14 checked!...33 matches found!
node 15 checked!...30 matches found!
node 16 checked!...33 matches found!
node 17 checked!...32 matches found!
node 18 checked!...31 matches found!
node 19 checked!...30 matches found!
node 20 checked!...26 matches found!
node 21 checked!...35 matches found!
node 22 checked!...26 matches found!
node 23 checked!...30 matches found!
node 24 checked!...31 matches found!
node 25 checked!...31 matches found!
node 26 checked!...33 matches found!
node 27 checked!...31 matches found!
node 28 checked!...36 matches found!
node 29 checked!...27 matches found!
node 30 checked!...33 matches found!

Voting array

[30 30 34 30 33 31 33 34 29 33 30 29 33 33 30 33 32 31 30 26 35 26 30 31 31
 33 31 36 27 33]

Putative nodes

[13 3 8 28 21]

Best matching node from voting array

28

Presence of query node in putative nodes

Absent

Node 2 -> query image 29
----

96 features detected!

Checking for matches...

node 1 checked!...37 matches found!
node 2 checked!...40 matches found!
node 3 checked!...41 matches found!
node 4 checked!...41 matches found!
node 5 checked!...39 matches found!
node 6 checked!...39 matches found!
node 7 checked!...38 matches found!
node 8 checked!...38 matches found!
node 9 checked!...31 matches found!
node 10 checked!...42 matches found!
node 11 checked!...43 matches found!
node 12 checked!...42 matches found!
node 13 checked!...42 matches found!
node 14 checked!...38 matches found!
node 15 checked!...32 matches found!
node 16 checked!...43 matches found!
node 17 checked!...41 matches found!
node 18 checked!...37 matches found!
node 19 checked!...40 matches found!
node 20 checked!...43 matches found!
node 21 checked!...37 matches found!
node 22 checked!...43 matches found!
node 23 checked!...44 matches found!
node 24 checked!...43 matches found!
node 25 checked!...34 matches found!
node 26 checked!...34 matches found!
node 27 checked!...38 matches found!
node 28 checked!...38 matches found!
node 29 checked!...35 matches found!
node 30 checked!...39 matches found!

Voting array

[37 40 41 41 39 39 38 38 31 42 43 42 42 38 32 43 41 37 40 43 37 43 44 43 34
 34 38 38 35 39]

Putative nodes

[11 22 16 24 23]

Best matching node from voting array

23

Presence of query node in putative nodes

Absent

Node 2 -> query image 30
----

99 features detected!

Checking for matches...

node 1 checked!...29 matches found!
node 2 checked!...33 matches found!
node 3 checked!...34 matches found!
node 4 checked!...40 matches found!

```
node 5 checked!...33 matches found!
node 6 checked!...36 matches found!
node 7 checked!...33 matches found!
node 8 checked!...32 matches found!
node 9 checked!...35 matches found!
node 10 checked!...39 matches found!
node 11 checked!...35 matches found!
node 12 checked!...34 matches found!
node 13 checked!...35 matches found!
node 14 checked!...38 matches found!
node 15 checked!...35 matches found!
node 16 checked!...40 matches found!
node 17 checked!...47 matches found!
node 18 checked!...36 matches found!
node 19 checked!...39 matches found!
node 20 checked!...36 matches found!
node 21 checked!...39 matches found!
node 22 checked!...34 matches found!
node 23 checked!...39 matches found!
node 24 checked!...38 matches found!
node 25 checked!...35 matches found!
node 26 checked!...35 matches found!
node 27 checked!...38 matches found!
node 28 checked!...35 matches found!
node 29 checked!...33 matches found!
node 30 checked!...38 matches found!
```

Voting array

[29 33 34 40 33 36 33 32 35 39 35 34 35 38 35 40 47 36 39 36 39 34 39 38 35
 35 38 35 33 38]

Putative nodes

[19 10 17 4 16]

Best matching node from voting array

17

Presence of query node in putative nodes

Absent

Node 2 -> query image 31
----

92 features detected!

Checking for matches...

```
node 1 checked!...33 matches found!
node 2 checked!...32 matches found!
node 3 checked!...36 matches found!
node 4 checked!...38 matches found!
node 5 checked!...32 matches found!
node 6 checked!...35 matches found!
node 7 checked!...31 matches found!
node 8 checked!...34 matches found!
node 9 checked!...31 matches found!
node 10 checked!...33 matches found!
```

```
node 11 checked!...32 matches found!
node 12 checked!...33 matches found!
node 13 checked!...37 matches found!
node 14 checked!...37 matches found!
node 15 checked!...34 matches found!
node 16 checked!...37 matches found!
node 17 checked!...36 matches found!
node 18 checked!...35 matches found!
node 19 checked!...33 matches found!
node 20 checked!...33 matches found!
node 21 checked!...39 matches found!
node 22 checked!...25 matches found!
node 23 checked!...32 matches found!
node 24 checked!...35 matches found!
node 25 checked!...30 matches found!
node 26 checked!...36 matches found!
node 27 checked!...40 matches found!
node 28 checked!...43 matches found!
node 29 checked!...32 matches found!
node 30 checked!...34 matches found!
```

Voting array

[33 32 36 38 32 35 31 34 31 33 32 33 37 37 34 37 36 35 33 33 39 25 32 35 30
 36 40 43 32 34]

Putative nodes

[14 4 21 27 28]

Best matching node from voting array

28

Presence of query node in putative nodes

Absent

Node 2 -> query image 32
----

96 features detected!

Checking for matches...

```
node 1 checked!...33 matches found!
node 2 checked!...35 matches found!
node 3 checked!...41 matches found!
node 4 checked!...39 matches found!
node 5 checked!...41 matches found!
node 6 checked!...35 matches found!
node 7 checked!...36 matches found!
node 8 checked!...36 matches found!
node 9 checked!...35 matches found!
node 10 checked!...41 matches found!
node 11 checked!...37 matches found!
node 12 checked!...42 matches found!
node 13 checked!...41 matches found!
node 14 checked!...38 matches found!
node 15 checked!...34 matches found!
node 16 checked!...39 matches found!
```

```
node 17 checked!...41 matches found!
node 18 checked!...33 matches found!
node 19 checked!...38 matches found!
node 20 checked!...35 matches found!
node 21 checked!...41 matches found!
node 22 checked!...33 matches found!
node 23 checked!...35 matches found!
node 24 checked!...42 matches found!
node 25 checked!...37 matches found!
node 26 checked!...34 matches found!
node 27 checked!...40 matches found!
node 28 checked!...39 matches found!
node 29 checked!...30 matches found!
node 30 checked!...36 matches found!
```

Voting array

[33 35 41 39 41 35 36 36 35 41 37 42 41 38 34 39 41 33 38 35 41 33 35 42 37
 34 40 39 30 36]

Putative nodes

[5 21 10 12 24]

Best matching node from voting array

12

Presence of query node in putative nodes

Absent

Node 2 -> query image 33
----

76 features detected!

Checking for matches...

```
node 1 checked!...40 matches found!
node 2 checked!...40 matches found!
node 3 checked!...38 matches found!
node 4 checked!...40 matches found!
node 5 checked!...37 matches found!
node 6 checked!...35 matches found!
node 7 checked!...40 matches found!
node 8 checked!...41 matches found!
node 9 checked!...31 matches found!
node 10 checked!...40 matches found!
node 11 checked!...33 matches found!
node 12 checked!...35 matches found!
node 13 checked!...39 matches found!
node 14 checked!...36 matches found!
node 15 checked!...37 matches found!
node 16 checked!...35 matches found!
node 17 checked!...39 matches found!
node 18 checked!...36 matches found!
node 19 checked!...34 matches found!
node 20 checked!...35 matches found!
node 21 checked!...37 matches found!
node 22 checked!...39 matches found!
```

```
node 23 checked!...38 matches found!
node 24 checked!...41 matches found!
node 25 checked!...36 matches found!
node 26 checked!...38 matches found!
node 27 checked!...36 matches found!
node 28 checked!...37 matches found!
node 29 checked!...31 matches found!
node 30 checked!...38 matches found!

Voting array
--------------
[40 40 38 40 37 35 40 41 31 40 33 35 39 36 37 35 39 36 34 35 37 39 38 41 36
 38 36 37 31 38]

Putative nodes
------------
[10  8  2 24  1]

Best matching node from voting array
----------------------------------------
8

Presence of query node in putative nodes
----------------------------------------
Present


Node 2 -> query image 34
------------------------

99 features detected!

Checking for matches...

node 1 checked!...41 matches found!
node 2 checked!...46 matches found!
node 3 checked!...42 matches found!
node 4 checked!...42 matches found!
node 5 checked!...43 matches found!
node 6 checked!...37 matches found!
node 7 checked!...43 matches found!
node 8 checked!...44 matches found!
node 9 checked!...31 matches found!
node 10 checked!...40 matches found!
node 11 checked!...41 matches found!
node 12 checked!...40 matches found!
node 13 checked!...42 matches found!
node 14 checked!...43 matches found!
node 15 checked!...40 matches found!
node 16 checked!...40 matches found!
node 17 checked!...42 matches found!
node 18 checked!...39 matches found!
node 19 checked!...36 matches found!
node 20 checked!...39 matches found!
node 21 checked!...39 matches found!
node 22 checked!...39 matches found!
node 23 checked!...42 matches found!
node 24 checked!...42 matches found!
node 25 checked!...39 matches found!
node 26 checked!...39 matches found!
node 27 checked!...40 matches found!
node 28 checked!...43 matches found!
```

```
node 29 checked!...33 matches found!
node 30 checked!...43 matches found!

Voting array
--------------
[41 46 42 42 43 37 43 44 31 40 41 40 42 43 40 40 42 39 36 39 39 39 42 42 39
 39 40 43 33 43]

Putative nodes
-------------
[28 30  8  7  2]

Best matching node from voting array
-------------------------------------
2

Presence of query node in putative nodes
-------------------------------------
Present


Node 2 -> query image 35
------------------------

0 features detected!

Checking for matches...

node 1 checked!...0 matches found!
node 2 checked!...0 matches found!
node 3 checked!...0 matches found!
node 4 checked!...0 matches found!
node 5 checked!...0 matches found!
node 6 checked!...0 matches found!
node 7 checked!...0 matches found!
node 8 checked!...0 matches found!
node 9 checked!...0 matches found!
node 10 checked!...0 matches found!
node 11 checked!...0 matches found!
node 12 checked!...0 matches found!
node 13 checked!...0 matches found!
node 14 checked!...0 matches found!
node 15 checked!...0 matches found!
node 16 checked!...0 matches found!
node 17 checked!...0 matches found!
node 18 checked!...0 matches found!
node 19 checked!...0 matches found!
node 20 checked!...0 matches found!
node 21 checked!...0 matches found!
node 22 checked!...0 matches found!
node 23 checked!...0 matches found!
node 24 checked!...0 matches found!
node 25 checked!...0 matches found!
node 26 checked!...0 matches found!
node 27 checked!...0 matches found!
node 28 checked!...0 matches found!
node 29 checked!...0 matches found!
node 30 checked!...0 matches found!

Voting array
--------------
[0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0]
```

Unable to predict a matching node and putative nodes!

Node 2 -> query image 36
----

0 features detected!

Checking for matches...

node 1 checked!...0 matches found!
node 2 checked!...0 matches found!
node 3 checked!...0 matches found!
node 4 checked!...0 matches found!
node 5 checked!...0 matches found!
node 6 checked!...0 matches found!
node 7 checked!...0 matches found!
node 8 checked!...0 matches found!
node 9 checked!...0 matches found!
node 10 checked!...0 matches found!
node 11 checked!...0 matches found!
node 12 checked!...0 matches found!
node 13 checked!...0 matches found!
node 14 checked!...0 matches found!
node 15 checked!...0 matches found!
node 16 checked!...0 matches found!
node 17 checked!...0 matches found!
node 18 checked!...0 matches found!
node 19 checked!...0 matches found!
node 20 checked!...0 matches found!
node 21 checked!...0 matches found!
node 22 checked!...0 matches found!
node 23 checked!...0 matches found!
node 24 checked!...0 matches found!
node 25 checked!...0 matches found!
node 26 checked!...0 matches found!
node 27 checked!...0 matches found!
node 28 checked!...0 matches found!
node 29 checked!...0 matches found!
node 30 checked!...0 matches found!

Voting array

[0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0]

Unable to predict a matching node and putative nodes!

Node 2 -> query image 37
----

0 features detected!

Checking for matches...

node 1 checked!...0 matches found!
node 2 checked!...0 matches found!
node 3 checked!...0 matches found!
node 4 checked!...0 matches found!
node 5 checked!...0 matches found!
node 6 checked!...0 matches found!
node 7 checked!...0 matches found!
node 8 checked!...0 matches found!

```
node 9 checked!...0 matches found!
node 10 checked!...0 matches found!
node 11 checked!...0 matches found!
node 12 checked!...0 matches found!
node 13 checked!...0 matches found!
node 14 checked!...0 matches found!
node 15 checked!...0 matches found!
node 16 checked!...0 matches found!
node 17 checked!...0 matches found!
node 18 checked!...0 matches found!
node 19 checked!...0 matches found!
node 20 checked!...0 matches found!
node 21 checked!...0 matches found!
node 22 checked!...0 matches found!
node 23 checked!...0 matches found!
node 24 checked!...0 matches found!
node 25 checked!...0 matches found!
node 26 checked!...0 matches found!
node 27 checked!...0 matches found!
node 28 checked!...0 matches found!
node 29 checked!...0 matches found!
node 30 checked!...0 matches found!

Voting array
--------------
[0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0]

Unable to predict a matching node and putative nodes!

Node 2 -> query image 38
------------------------

17 features detected!

Checking for matches...

node 1 checked!...12 matches found!
node 2 checked!...11 matches found!
node 3 checked!...14 matches found!
node 4 checked!...13 matches found!
node 5 checked!...13 matches found!
node 6 checked!...11 matches found!
node 7 checked!...10 matches found!
node 8 checked!...13 matches found!
node 9 checked!...12 matches found!
node 10 checked!...12 matches found!
node 11 checked!...13 matches found!
node 12 checked!...10 matches found!
node 13 checked!...12 matches found!
node 14 checked!...12 matches found!
node 15 checked!...10 matches found!
node 16 checked!...13 matches found!
node 17 checked!...14 matches found!
node 18 checked!...13 matches found!
node 19 checked!...11 matches found!
node 20 checked!...12 matches found!
node 21 checked!...14 matches found!
node 22 checked!...12 matches found!
node 23 checked!...12 matches found!
node 24 checked!...14 matches found!
node 25 checked!...12 matches found!
node 26 checked!...13 matches found!
```

```
node 27 checked!...14 matches found!
node 28 checked!...12 matches found!
node 29 checked!...13 matches found!
node 30 checked!...14 matches found!

Voting array
--------------
[12 11 14 13 13 11 10 13 12 12 13 10 12 12 10 13 14 13 11 12 14 12 12 14 12
 13 14 12 13 14]

Putative nodes
------------
[17 21 27 24 30]

Best matching node from voting array
---------------------------------------
3

Presence of query node in putative nodes
---------------------------------------
Absent


Node 2 -> query image 39
-----------------------

52 features detected!

Checking for matches...

node 1 checked!...25 matches found!
node 2 checked!...31 matches found!
node 3 checked!...26 matches found!
node 4 checked!...27 matches found!
node 5 checked!...29 matches found!
node 6 checked!...29 matches found!
node 7 checked!...32 matches found!
node 8 checked!...29 matches found!
node 9 checked!...29 matches found!
node 10 checked!...29 matches found!
node 11 checked!...29 matches found!
node 12 checked!...26 matches found!
node 13 checked!...29 matches found!
node 14 checked!...27 matches found!
node 15 checked!...25 matches found!
node 16 checked!...27 matches found!
node 17 checked!...29 matches found!
node 18 checked!...29 matches found!
node 19 checked!...28 matches found!
node 20 checked!...28 matches found!
node 21 checked!...27 matches found!
node 22 checked!...30 matches found!
node 23 checked!...31 matches found!
node 24 checked!...30 matches found!
node 25 checked!...27 matches found!
node 26 checked!...30 matches found!
node 27 checked!...30 matches found!
node 28 checked!...28 matches found!
node 29 checked!...24 matches found!
node 30 checked!...31 matches found!

Voting array
```

```
--------------
[25 31 26 27 29 29 32 29 29 29 29 26 29 27 25 27 29 29 28 28 27 30 31 30 27
 30 30 28 24 31]
```

Putative nodes

```
[24 23  2  7 30]
```

Best matching node from voting array

7

Presence of query node in putative nodes

Present

Node 2 -> query image 40
----

77 features detected!

Checking for matches...

node 1 checked!...28 matches found!
node 2 checked!...35 matches found!
node 3 checked!...34 matches found!
node 4 checked!...37 matches found!
node 5 checked!...30 matches found!
node 6 checked!...33 matches found!
node 7 checked!...31 matches found!
node 8 checked!...36 matches found!
node 9 checked!...33 matches found!
node 10 checked!...35 matches found!
node 11 checked!...32 matches found!
node 12 checked!...35 matches found!
node 13 checked!...36 matches found!
node 14 checked!...36 matches found!
node 15 checked!...32 matches found!
node 16 checked!...37 matches found!
node 17 checked!...35 matches found!
node 18 checked!...37 matches found!
node 19 checked!...31 matches found!
node 20 checked!...35 matches found!
node 21 checked!...36 matches found!
node 22 checked!...31 matches found!
node 23 checked!...35 matches found!
node 24 checked!...38 matches found!
node 25 checked!...35 matches found!
node 26 checked!...34 matches found!
node 27 checked!...33 matches found!
node 28 checked!...35 matches found!
node 29 checked!...32 matches found!
node 30 checked!...35 matches found!

Voting array

```
[28 35 34 37 30 33 31 36 33 35 32 35 36 36 32 37 35 37 31 35 36 31 35 38 35
 34 33 35 32 35]
```

Putative nodes

[14 18 4 24 16]

Best matching node from voting array

24

Presence of query node in putative nodes

Absent

 Node 2 testing completed!

Node 3 -> query image 1
----

33 features detected!

Checking for matches...

node 1 checked!...19 matches found!
node 2 checked!...16 matches found!
node 3 checked!...16 matches found!
node 4 checked!...18 matches found!
node 5 checked!...16 matches found!
node 6 checked!...15 matches found!
node 7 checked!...16 matches found!
node 8 checked!...17 matches found!
node 9 checked!...17 matches found!
node 10 checked!...20 matches found!
node 11 checked!...20 matches found!
node 12 checked!...19 matches found!
node 13 checked!...15 matches found!
node 14 checked!...18 matches found!
node 15 checked!...20 matches found!
node 16 checked!...19 matches found!
node 17 checked!...21 matches found!
node 18 checked!...19 matches found!
node 19 checked!...20 matches found!
node 20 checked!...19 matches found!
node 21 checked!...18 matches found!
node 22 checked!...16 matches found!
node 23 checked!...20 matches found!
node 24 checked!...16 matches found!
node 25 checked!...18 matches found!
node 26 checked!...22 matches found!
node 27 checked!...17 matches found!
node 28 checked!...16 matches found!
node 29 checked!...16 matches found!
node 30 checked!...20 matches found!

Voting array

[19 16 16 18 16 15 16 17 17 20 20 19 15 18 20 19 21 19 20 19 18 16 20 16 18
 22 17 16 16 20]

Putative nodes

[10 23 19 26 17]

Best matching node from voting array

```
-----------------------------------------
26

Presence of query node in putative nodes
-----------------------------------------
Absent


Node 3 -> query image 2
-----------------------
55 features detected!

Checking for matches...

node 1 checked!...26 matches found!
node 2 checked!...26 matches found!
node 3 checked!...25 matches found!
node 4 checked!...30 matches found!
node 5 checked!...28 matches found!
node 6 checked!...25 matches found!
node 7 checked!...21 matches found!
node 8 checked!...24 matches found!
node 9 checked!...21 matches found!
node 10 checked!...25 matches found!
node 11 checked!...31 matches found!
node 12 checked!...26 matches found!
node 13 checked!...27 matches found!
node 14 checked!...26 matches found!
node 15 checked!...22 matches found!
node 16 checked!...25 matches found!
node 17 checked!...27 matches found!
node 18 checked!...25 matches found!
node 19 checked!...25 matches found!
node 20 checked!...23 matches found!
node 21 checked!...28 matches found!
node 22 checked!...24 matches found!
node 23 checked!...27 matches found!
node 24 checked!...25 matches found!
node 25 checked!...25 matches found!
node 26 checked!...27 matches found!
node 27 checked!...25 matches found!
node 28 checked!...25 matches found!
node 29 checked!...26 matches found!
node 30 checked!...28 matches found!

Voting array
--------------
[26 26 25 30 28 25 21 24 21 25 31 26 27 26 22 25 27 25 25 23 28 24 27 25 25
 27 25 25 26 28]

Putative nodes
------------
[ 5 30 21  4 11]

Best matching node from voting array
-----------------------------------------
11

Presence of query node in putative nodes
-----------------------------------------
Absent
```

Node 3 -> query image 3
----

5 features detected!

Checking for matches...

node 1 checked!...4 matches found!
node 2 checked!...4 matches found!
node 3 checked!...4 matches found!
node 4 checked!...4 matches found!
node 5 checked!...4 matches found!
node 6 checked!...4 matches found!
node 7 checked!...4 matches found!
node 8 checked!...4 matches found!
node 9 checked!...4 matches found!
node 10 checked!...4 matches found!
node 11 checked!...4 matches found!
node 12 checked!...4 matches found!
node 13 checked!...4 matches found!
node 14 checked!...4 matches found!
node 15 checked!...4 matches found!
node 16 checked!...4 matches found!
node 17 checked!...4 matches found!
node 18 checked!...4 matches found!
node 19 checked!...4 matches found!
node 20 checked!...4 matches found!
node 21 checked!...4 matches found!
node 22 checked!...4 matches found!
node 23 checked!...4 matches found!
node 24 checked!...4 matches found!
node 25 checked!...4 matches found!
node 26 checked!...4 matches found!
node 27 checked!...4 matches found!
node 28 checked!...4 matches found!
node 29 checked!...4 matches found!
node 30 checked!...4 matches found!

Voting array

[4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4]

Putative nodes

[11 14 12 10 30]

Best matching node from voting array

1

Presence of query node in putative nodes

Absent

Node 3 -> query image 4
----

0 features detected!

Checking for matches...

node 1 checked!...0 matches found!
node 2 checked!...0 matches found!
node 3 checked!...0 matches found!
node 4 checked!...0 matches found!
node 5 checked!...0 matches found!
node 6 checked!...0 matches found!
node 7 checked!...0 matches found!
node 8 checked!...0 matches found!
node 9 checked!...0 matches found!
node 10 checked!...0 matches found!
node 11 checked!...0 matches found!
node 12 checked!...0 matches found!
node 13 checked!...0 matches found!
node 14 checked!...0 matches found!
node 15 checked!...0 matches found!
node 16 checked!...0 matches found!
node 17 checked!...0 matches found!
node 18 checked!...0 matches found!
node 19 checked!...0 matches found!
node 20 checked!...0 matches found!
node 21 checked!...0 matches found!
node 22 checked!...0 matches found!
node 23 checked!...0 matches found!
node 24 checked!...0 matches found!
node 25 checked!...0 matches found!
node 26 checked!...0 matches found!
node 27 checked!...0 matches found!
node 28 checked!...0 matches found!
node 29 checked!...0 matches found!
node 30 checked!...0 matches found!

Voting array

[0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0]

Unable to predict a matching node and putative nodes!

Node 3 -> query image 5
----

59 features detected!

Checking for matches...

node 1 checked!...30 matches found!
node 2 checked!...27 matches found!
node 3 checked!...28 matches found!
node 4 checked!...28 matches found!
node 5 checked!...29 matches found!
node 6 checked!...27 matches found!
node 7 checked!...28 matches found!
node 8 checked!...32 matches found!
node 9 checked!...28 matches found!
node 10 checked!...28 matches found!
node 11 checked!...31 matches found!
node 12 checked!...30 matches found!
node 13 checked!...29 matches found!
node 14 checked!...26 matches found!
node 15 checked!...27 matches found!
node 16 checked!...33 matches found!

```
node 17 checked!...30 matches found!
node 18 checked!...29 matches found!
node 19 checked!...31 matches found!
node 20 checked!...29 matches found!
node 21 checked!...38 matches found!
node 22 checked!...30 matches found!
node 23 checked!...34 matches found!
node 24 checked!...27 matches found!
node 25 checked!...31 matches found!
node 26 checked!...33 matches found!
node 27 checked!...34 matches found!
node 28 checked!...34 matches found!
node 29 checked!...30 matches found!
node 30 checked!...32 matches found!
```

Voting array

[30 27 28 28 29 27 28 32 28 28 31 30 29 26 27 33 30 29 31 29 38 30 34 27 31
 33 34 34 30 32]

Putative nodes

[16 28 23 27 21]

Best matching node from voting array

21

Presence of query node in putative nodes

Absent

Node 3 -> query image 6
----

15 features detected!

Checking for matches...

```
node 1 checked!...11 matches found!
node 2 checked!...10 matches found!
node 3 checked!...11 matches found!
node 4 checked!...9 matches found!
node 5 checked!...10 matches found!
node 6 checked!...10 matches found!
node 7 checked!...10 matches found!
node 8 checked!...10 matches found!
node 9 checked!...11 matches found!
node 10 checked!...11 matches found!
node 11 checked!...11 matches found!
node 12 checked!...10 matches found!
node 13 checked!...10 matches found!
node 14 checked!...10 matches found!
node 15 checked!...10 matches found!
node 16 checked!...11 matches found!
node 17 checked!...11 matches found!
node 18 checked!...11 matches found!
node 19 checked!...10 matches found!
node 20 checked!...11 matches found!
node 21 checked!...11 matches found!
node 22 checked!...10 matches found!
```

```
node 23 checked!...11 matches found!
node 24 checked!...9 matches found!
node 25 checked!...11 matches found!
node 26 checked!...11 matches found!
node 27 checked!...10 matches found!
node 28 checked!...11 matches found!
node 29 checked!...11 matches found!
node 30 checked!...11 matches found!
```

Voting array

```
[11 10 11  9 10 10 10 10 11 11 11 10 10 10 10 11 11 11 10 11 11 10 11  9 11
 11 10 11 11 11]
```

Putative nodes

```
[20 18 16 17 30]
```

Best matching node from voting array

1

Presence of query node in putative nodes

Absent

Node 3 -> query image 7
----

83 features detected!

Checking for matches...

```
node 1 checked!...28 matches found!
node 2 checked!...29 matches found!
node 3 checked!...30 matches found!
node 4 checked!...35 matches found!
node 5 checked!...33 matches found!
node 6 checked!...27 matches found!
node 7 checked!...26 matches found!
node 8 checked!...32 matches found!
node 9 checked!...25 matches found!
node 10 checked!...32 matches found!
node 11 checked!...30 matches found!
node 12 checked!...31 matches found!
node 13 checked!...30 matches found!
node 14 checked!...39 matches found!
node 15 checked!...31 matches found!
node 16 checked!...30 matches found!
node 17 checked!...36 matches found!
node 18 checked!...34 matches found!
node 19 checked!...28 matches found!
node 20 checked!...32 matches found!
node 21 checked!...35 matches found!
node 22 checked!...28 matches found!
node 23 checked!...35 matches found!
node 24 checked!...32 matches found!
node 25 checked!...31 matches found!
node 26 checked!...35 matches found!
node 27 checked!...34 matches found!
node 28 checked!...33 matches found!
```

```
node 29 checked!...30 matches found!
node 30 checked!...31 matches found!

Voting array
--------------
[28 29 30 35 33 27 26 32 25 32 30 31 30 39 31 30 36 34 28 32 35 28 35 32 31
 35 34 33 30 31]

Putative nodes
------------
[26 23 17 21 14]

Best matching node from voting array
-----------------------------------------
14

Presence of query node in putative nodes
-----------------------------------------
Absent


Node 3 -> query image 8
-----------------------

59 features detected!

Checking for matches...

node 1 checked!...27 matches found!
node 2 checked!...31 matches found!
node 3 checked!...29 matches found!
node 4 checked!...33 matches found!
node 5 checked!...31 matches found!
node 6 checked!...27 matches found!
node 7 checked!...31 matches found!
node 8 checked!...30 matches found!
node 9 checked!...32 matches found!
node 10 checked!...33 matches found!
node 11 checked!...36 matches found!
node 12 checked!...30 matches found!
node 13 checked!...29 matches found!
node 14 checked!...33 matches found!
node 15 checked!...32 matches found!
node 16 checked!...30 matches found!
node 17 checked!...33 matches found!
node 18 checked!...27 matches found!
node 19 checked!...32 matches found!
node 20 checked!...29 matches found!
node 21 checked!...38 matches found!
node 22 checked!...31 matches found!
node 23 checked!...35 matches found!
node 24 checked!...30 matches found!
node 25 checked!...29 matches found!
node 26 checked!...30 matches found!
node 27 checked!...33 matches found!
node 28 checked!...25 matches found!
node 29 checked!...30 matches found!
node 30 checked!...34 matches found!

Voting array
--------------
[27 31 29 33 31 27 31 30 32 33 36 30 29 33 32 30 33 27 32 29 38 31 35 30 29
```

```
 30 33 25 30 34]
```

Putative nodes

[10 30 21 23 11]

Best matching node from voting array

21

Presence of query node in putative nodes

Absent

Node 3 -> query image 9
----

80 features detected!

Checking for matches...

node 1 checked!...27 matches found!
node 2 checked!...28 matches found!
node 3 checked!...27 matches found!
node 4 checked!...32 matches found!
node 5 checked!...30 matches found!
node 6 checked!...26 matches found!
node 7 checked!...19 matches found!
node 8 checked!...25 matches found!
node 9 checked!...24 matches found!
node 10 checked!...30 matches found!
node 11 checked!...30 matches found!
node 12 checked!...30 matches found!
node 13 checked!...26 matches found!
node 14 checked!...28 matches found!
node 15 checked!...25 matches found!
node 16 checked!...28 matches found!
node 17 checked!...29 matches found!
node 18 checked!...28 matches found!
node 19 checked!...27 matches found!
node 20 checked!...25 matches found!
node 21 checked!...32 matches found!
node 22 checked!...24 matches found!
node 23 checked!...26 matches found!
node 24 checked!...24 matches found!
node 25 checked!...24 matches found!
node 26 checked!...26 matches found!
node 27 checked!...28 matches found!
node 28 checked!...31 matches found!
node 29 checked!...22 matches found!
node 30 checked!...29 matches found!

Voting array

[27 28 27 32 30 26 19 25 24 30 30 30 26 28 25 28 29 28 27 25 32 24 26 24 24
 26 28 31 22 29]

Putative nodes

[10 4 28 21 11]

Best matching node from voting array

4

Presence of query node in putative nodes

Absent

Node 3 -> query image 10
----

83 features detected!

Checking for matches...

node 1 checked!...37 matches found!
node 2 checked!...34 matches found!
node 3 checked!...33 matches found!
node 4 checked!...35 matches found!
node 5 checked!...40 matches found!
node 6 checked!...38 matches found!
node 7 checked!...36 matches found!
node 8 checked!...31 matches found!
node 9 checked!...32 matches found!
node 10 checked!...35 matches found!
node 11 checked!...38 matches found!
node 12 checked!...36 matches found!
node 13 checked!...39 matches found!
node 14 checked!...35 matches found!
node 15 checked!...34 matches found!
node 16 checked!...38 matches found!
node 17 checked!...36 matches found!
node 18 checked!...35 matches found!
node 19 checked!...35 matches found!
node 20 checked!...39 matches found!
node 21 checked!...40 matches found!
node 22 checked!...28 matches found!
node 23 checked!...39 matches found!
node 24 checked!...35 matches found!
node 25 checked!...33 matches found!
node 26 checked!...35 matches found!
node 27 checked!...36 matches found!
node 28 checked!...36 matches found!
node 29 checked!...27 matches found!
node 30 checked!...30 matches found!

Voting array

[37 34 33 35 40 38 36 31 32 35 38 36 39 35 34 38 36 35 35 39 40 28 39 35 33
 35 36 36 27 30]

Putative nodes

[20 13 23 5 21]

Best matching node from voting array

5

Presence of query node in putative nodes

Absent

Node 3 -> query image 11
----

96 features detected!

Checking for matches...

node 1 checked!...30 matches found!
node 2 checked!...34 matches found!
node 3 checked!...42 matches found!
node 4 checked!...38 matches found!
node 5 checked!...31 matches found!
node 6 checked!...26 matches found!
node 7 checked!...26 matches found!
node 8 checked!...32 matches found!
node 9 checked!...29 matches found!
node 10 checked!...31 matches found!
node 11 checked!...35 matches found!
node 12 checked!...30 matches found!
node 13 checked!...29 matches found!
node 14 checked!...33 matches found!
node 15 checked!...29 matches found!
node 16 checked!...36 matches found!
node 17 checked!...34 matches found!
node 18 checked!...34 matches found!
node 19 checked!...31 matches found!
node 20 checked!...32 matches found!
node 21 checked!...37 matches found!
node 22 checked!...33 matches found!
node 23 checked!...38 matches found!
node 24 checked!...35 matches found!
node 25 checked!...31 matches found!
node 26 checked!...32 matches found!
node 27 checked!...34 matches found!
node 28 checked!...34 matches found!
node 29 checked!...31 matches found!
node 30 checked!...35 matches found!

Voting array

[30 34 42 38 31 26 26 32 29 31 35 30 29 33 29 36 34 34 31 32 37 33 38 35 31
 32 34 34 31 35]

Putative nodes

[16 4 3 21 23]

Best matching node from voting array

3

Presence of query node in putative nodes

Present

Node 3 -> query image 12
----

89 features detected!

Checking for matches...

node 1 checked!...29 matches found!
node 2 checked!...30 matches found!
node 3 checked!...35 matches found!
node 4 checked!...43 matches found!
node 5 checked!...35 matches found!
node 6 checked!...31 matches found!
node 7 checked!...27 matches found!
node 8 checked!...33 matches found!
node 9 checked!...33 matches found!
node 10 checked!...34 matches found!
node 11 checked!...30 matches found!
node 12 checked!...31 matches found!
node 13 checked!...29 matches found!
node 14 checked!...41 matches found!
node 15 checked!...36 matches found!
node 16 checked!...34 matches found!
node 17 checked!...39 matches found!
node 18 checked!...33 matches found!
node 19 checked!...30 matches found!
node 20 checked!...33 matches found!
node 21 checked!...33 matches found!
node 22 checked!...29 matches found!
node 23 checked!...39 matches found!
node 24 checked!...31 matches found!
node 25 checked!...34 matches found!
node 26 checked!...31 matches found!
node 27 checked!...32 matches found!
node 28 checked!...35 matches found!
node 29 checked!...28 matches found!
node 30 checked!...31 matches found!

Voting array

[29 30 35 43 35 31 27 33 33 34 30 31 29 41 36 34 39 33 30 33 33 29 39 31 34
 31 32 35 28 31]

Putative nodes

[15 23 17 14 4]

Best matching node from voting array

4

Presence of query node in putative nodes

Absent

Node 3 -> query image 13
----

89 features detected!

Checking for matches...

node 1 checked!...35 matches found!
node 2 checked!...38 matches found!

```
node 3 checked!...37 matches found!
node 4 checked!...36 matches found!
node 5 checked!...35 matches found!
node 6 checked!...35 matches found!
node 7 checked!...33 matches found!
node 8 checked!...37 matches found!
node 9 checked!...35 matches found!
node 10 checked!...38 matches found!
node 11 checked!...34 matches found!
node 12 checked!...35 matches found!
node 13 checked!...36 matches found!
node 14 checked!...36 matches found!
node 15 checked!...35 matches found!
node 16 checked!...35 matches found!
node 17 checked!...35 matches found!
node 18 checked!...39 matches found!
node 19 checked!...30 matches found!
node 20 checked!...33 matches found!
node 21 checked!...37 matches found!
node 22 checked!...31 matches found!
node 23 checked!...39 matches found!
node 24 checked!...34 matches found!
node 25 checked!...35 matches found!
node 26 checked!...37 matches found!
node 27 checked!...36 matches found!
node 28 checked!...36 matches found!
node 29 checked!...31 matches found!
node 30 checked!...36 matches found!


Voting array
--------------
[35 38 37 36 35 35 33 37 35 38 34 35 36 36 35 35 35 39 30 33 37 31 39 34 35
 37 36 36 31 36]

Putative nodes
------------
[21 10  2 23 18]

Best matching node from voting array
----------------------------------------
18

Presence of query node in putative nodes
----------------------------------------
Absent


Node 3 -> query image 14
------------------------

80 features detected!

Checking for matches...

node 1 checked!...28 matches found!
node 2 checked!...26 matches found!
node 3 checked!...31 matches found!
node 4 checked!...31 matches found!
node 5 checked!...34 matches found!
node 6 checked!...23 matches found!
node 7 checked!...20 matches found!
node 8 checked!...27 matches found!
```

```
node 9 checked!...24 matches found!
node 10 checked!...30 matches found!
node 11 checked!...32 matches found!
node 12 checked!...26 matches found!
node 13 checked!...28 matches found!
node 14 checked!...29 matches found!
node 15 checked!...21 matches found!
node 16 checked!...28 matches found!
node 17 checked!...35 matches found!
node 18 checked!...31 matches found!
node 19 checked!...27 matches found!
node 20 checked!...29 matches found!
node 21 checked!...35 matches found!
node 22 checked!...26 matches found!
node 23 checked!...28 matches found!
node 24 checked!...27 matches found!
node 25 checked!...22 matches found!
node 26 checked!...28 matches found!
node 27 checked!...30 matches found!
node 28 checked!...29 matches found!
node 29 checked!...24 matches found!
node 30 checked!...26 matches found!


Voting array
--------------
[28 26 31 31 34 23 20 27 24 30 32 26 28 29 21 28 35 31 27 29 35 26 28 27 22
 28 30 29 24 26]

Putative nodes
-------------
[18 11 17  5 21]

Best matching node from voting array
----------------------------------------
17

Presence of query node in putative nodes
----------------------------------------
Absent


Node 3 -> query image 15
------------------------

4 features detected!

Checking for matches...

node 1 checked!...3 matches found!
node 2 checked!...3 matches found!
node 3 checked!...3 matches found!
node 4 checked!...3 matches found!
node 5 checked!...3 matches found!
node 6 checked!...3 matches found!
node 7 checked!...3 matches found!
node 8 checked!...3 matches found!
node 9 checked!...3 matches found!
node 10 checked!...3 matches found!
node 11 checked!...3 matches found!
node 12 checked!...3 matches found!
node 13 checked!...3 matches found!
node 14 checked!...3 matches found!
```

```
node 15 checked!...3 matches found!
node 16 checked!...3 matches found!
node 17 checked!...3 matches found!
node 18 checked!...3 matches found!
node 19 checked!...3 matches found!
node 20 checked!...3 matches found!
node 21 checked!...3 matches found!
node 22 checked!...3 matches found!
node 23 checked!...3 matches found!
node 24 checked!...3 matches found!
node 25 checked!...3 matches found!
node 26 checked!...3 matches found!
node 27 checked!...3 matches found!
node 28 checked!...3 matches found!
node 29 checked!...3 matches found!
node 30 checked!...3 matches found!
```

Voting array

[3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3]

Putative nodes

[11 14 12 10 30]

Best matching node from voting array

1

Presence of query node in putative nodes

Absent

Node 3 -> query image 16
----

57 features detected!

Checking for matches...

```
node 1 checked!...28 matches found!
node 2 checked!...31 matches found!
node 3 checked!...31 matches found!
node 4 checked!...29 matches found!
node 5 checked!...31 matches found!
node 6 checked!...25 matches found!
node 7 checked!...28 matches found!
node 8 checked!...26 matches found!
node 9 checked!...26 matches found!
node 10 checked!...29 matches found!
node 11 checked!...26 matches found!
node 12 checked!...28 matches found!
node 13 checked!...27 matches found!
node 14 checked!...28 matches found!
node 15 checked!...27 matches found!
node 16 checked!...29 matches found!
node 17 checked!...28 matches found!
node 18 checked!...27 matches found!
node 19 checked!...28 matches found!
node 20 checked!...22 matches found!
node 21 checked!...28 matches found!
```

```
node 22 checked!...27 matches found!
node 23 checked!...30 matches found!
node 24 checked!...28 matches found!
node 25 checked!...26 matches found!
node 26 checked!...23 matches found!
node 27 checked!...27 matches found!
node 28 checked!...29 matches found!
node 29 checked!...27 matches found!
node 30 checked!...27 matches found!
```

Voting array

[28 31 31 29 31 25 28 26 26 29 26 28 27 28 27 29 28 27 28 22 28 27 30 28 26
 23 27 29 27 27]

Putative nodes

[10 23 2 3 5]

Best matching node from voting array

2

Presence of query node in putative nodes

Present

Node 3 -> query image 17
----

93 features detected!

Checking for matches...

```
node 1 checked!...29 matches found!
node 2 checked!...38 matches found!
node 3 checked!...35 matches found!
node 4 checked!...35 matches found!
node 5 checked!...34 matches found!
node 6 checked!...31 matches found!
node 7 checked!...28 matches found!
node 8 checked!...37 matches found!
node 9 checked!...29 matches found!
node 10 checked!...35 matches found!
node 11 checked!...32 matches found!
node 12 checked!...33 matches found!
node 13 checked!...38 matches found!
node 14 checked!...36 matches found!
node 15 checked!...31 matches found!
node 16 checked!...38 matches found!
node 17 checked!...38 matches found!
node 18 checked!...35 matches found!
node 19 checked!...32 matches found!
node 20 checked!...34 matches found!
node 21 checked!...39 matches found!
node 22 checked!...34 matches found!
node 23 checked!...38 matches found!
node 24 checked!...35 matches found!
node 25 checked!...32 matches found!
node 26 checked!...35 matches found!
node 27 checked!...33 matches found!
```

```
node 28 checked!...28 matches found!
node 29 checked!...29 matches found!
node 30 checked!...31 matches found!

Voting array
--------------
[29 38 35 35 34 31 28 37 29 35 32 33 38 36 31 38 38 35 32 34 39 34 38 35 32
 35 33 28 29 31]

Putative nodes
------------
[17  2 21 16 23]

Best matching node from voting array
--------------------------------------
21

Presence of query node in putative nodes
--------------------------------------
Absent


Node 3 -> query image 18
------------------------

93 features detected!

Checking for matches...

node 1 checked!...40 matches found!
node 2 checked!...32 matches found!
node 3 checked!...37 matches found!
node 4 checked!...39 matches found!
node 5 checked!...40 matches found!
node 6 checked!...30 matches found!
node 7 checked!...34 matches found!
node 8 checked!...36 matches found!
node 9 checked!...35 matches found!
node 10 checked!...39 matches found!
node 11 checked!...34 matches found!
node 12 checked!...37 matches found!
node 13 checked!...36 matches found!
node 14 checked!...37 matches found!
node 15 checked!...33 matches found!
node 16 checked!...39 matches found!
node 17 checked!...34 matches found!
node 18 checked!...39 matches found!
node 19 checked!...34 matches found!
node 20 checked!...39 matches found!
node 21 checked!...34 matches found!
node 22 checked!...34 matches found!
node 23 checked!...38 matches found!
node 24 checked!...35 matches found!
node 25 checked!...31 matches found!
node 26 checked!...32 matches found!
node 27 checked!...36 matches found!
node 28 checked!...37 matches found!
node 29 checked!...25 matches found!
node 30 checked!...33 matches found!

Voting array
--------------
```

[40 32 37 39 40 30 34 36 35 39 34 37 36 37 33 39 34 39 34 39 34 34 38 35 31
 32 36 37 25 33]

Putative nodes

[4 20 16 5 1]

Best matching node from voting array

1

Presence of query node in putative nodes

Absent

Node 3 -> query image 19
----

87 features detected!

Checking for matches...

node 1 checked!...34 matches found!
node 2 checked!...33 matches found!
node 3 checked!...32 matches found!
node 4 checked!...35 matches found!
node 5 checked!...35 matches found!
node 6 checked!...28 matches found!
node 7 checked!...27 matches found!
node 8 checked!...31 matches found!
node 9 checked!...29 matches found!
node 10 checked!...36 matches found!
node 11 checked!...31 matches found!
node 12 checked!...31 matches found!
node 13 checked!...32 matches found!
node 14 checked!...34 matches found!
node 15 checked!...29 matches found!
node 16 checked!...30 matches found!
node 17 checked!...33 matches found!
node 18 checked!...34 matches found!
node 19 checked!...33 matches found!
node 20 checked!...34 matches found!
node 21 checked!...34 matches found!
node 22 checked!...29 matches found!
node 23 checked!...35 matches found!
node 24 checked!...33 matches found!
node 25 checked!...26 matches found!
node 26 checked!...29 matches found!
node 27 checked!...31 matches found!
node 28 checked!...32 matches found!
node 29 checked!...27 matches found!
node 30 checked!...30 matches found!

Voting array

[34 33 32 35 35 28 27 31 29 36 31 31 32 34 29 30 33 34 33 34 34 29 35 33 26
 29 31 32 27 30]

Putative nodes

[21 23 10 5 4]

Best matching node from voting array

10

Presence of query node in putative nodes

Absent

Node 3 -> query image 20
----

99 features detected!

Checking for matches...

node 1 checked!...36 matches found!
node 2 checked!...35 matches found!
node 3 checked!...41 matches found!
node 4 checked!...37 matches found!
node 5 checked!...33 matches found!
node 6 checked!...28 matches found!
node 7 checked!...31 matches found!
node 8 checked!...30 matches found!
node 9 checked!...26 matches found!
node 10 checked!...33 matches found!
node 11 checked!...35 matches found!
node 12 checked!...31 matches found!
node 13 checked!...37 matches found!
node 14 checked!...33 matches found!
node 15 checked!...30 matches found!
node 16 checked!...37 matches found!
node 17 checked!...33 matches found!
node 18 checked!...36 matches found!
node 19 checked!...35 matches found!
node 20 checked!...35 matches found!
node 21 checked!...35 matches found!
node 22 checked!...36 matches found!
node 23 checked!...36 matches found!
node 24 checked!...37 matches found!
node 25 checked!...31 matches found!
node 26 checked!...32 matches found!
node 27 checked!...34 matches found!
node 28 checked!...34 matches found!
node 29 checked!...30 matches found!
node 30 checked!...34 matches found!

Voting array

[36 35 41 37 33 28 31 30 26 33 35 31 37 33 30 37 33 36 35 35 35 36 36 37 31
 32 34 34 30 34]

Putative nodes

[4 24 13 3 16]

Best matching node from voting array

3

Presence of query node in putative nodes

Present

Node 3 -> query image 21
----

97 features detected!

Checking for matches...

node 1 checked!...28 matches found!
node 2 checked!...35 matches found!
node 3 checked!...34 matches found!
node 4 checked!...37 matches found!
node 5 checked!...32 matches found!
node 6 checked!...28 matches found!
node 7 checked!...27 matches found!
node 8 checked!...33 matches found!
node 9 checked!...31 matches found!
node 10 checked!...36 matches found!
node 11 checked!...33 matches found!
node 12 checked!...33 matches found!
node 13 checked!...36 matches found!
node 14 checked!...36 matches found!
node 15 checked!...29 matches found!
node 16 checked!...38 matches found!
node 17 checked!...38 matches found!
node 18 checked!...38 matches found!
node 19 checked!...32 matches found!
node 20 checked!...36 matches found!
node 21 checked!...38 matches found!
node 22 checked!...31 matches found!
node 23 checked!...37 matches found!
node 24 checked!...34 matches found!
node 25 checked!...32 matches found!
node 26 checked!...35 matches found!
node 27 checked!...33 matches found!
node 28 checked!...29 matches found!
node 29 checked!...28 matches found!
node 30 checked!...32 matches found!

Voting array

[28 35 34 37 32 28 27 33 31 36 33 33 36 36 29 38 38 38 32 36 38 31 37 34 32
 35 33 29 28 32]

Putative nodes

[4 21 17 16 18]

Best matching node from voting array

16

Presence of query node in putative nodes

Absent

Node 3 -> query image 22
----

89 features detected!

Checking for matches...

node 1 checked!...37 matches found!
node 2 checked!...33 matches found!
node 3 checked!...35 matches found!
node 4 checked!...40 matches found!
node 5 checked!...36 matches found!
node 6 checked!...30 matches found!
node 7 checked!...30 matches found!
node 8 checked!...35 matches found!
node 9 checked!...30 matches found!
node 10 checked!...37 matches found!
node 11 checked!...36 matches found!
node 12 checked!...33 matches found!
node 13 checked!...36 matches found!
node 14 checked!...33 matches found!
node 15 checked!...32 matches found!
node 16 checked!...34 matches found!
node 17 checked!...37 matches found!
node 18 checked!...38 matches found!
node 19 checked!...36 matches found!
node 20 checked!...38 matches found!
node 21 checked!...32 matches found!
node 22 checked!...34 matches found!
node 23 checked!...39 matches found!
node 24 checked!...30 matches found!
node 25 checked!...31 matches found!
node 26 checked!...31 matches found!
node 27 checked!...36 matches found!
node 28 checked!...36 matches found!
node 29 checked!...26 matches found!
node 30 checked!...33 matches found!

Voting array

[37 33 35 40 36 30 30 35 30 37 36 33 36 33 32 34 37 38 36 38 32 34 39 30 31
 31 36 36 26 33]

Putative nodes

[1 20 18 4 23]

Best matching node from voting array

4

Presence of query node in putative nodes

Absent

Node 3 -> query image 23
----

69 features detected!

Checking for matches...

node 1 checked!...33 matches found!

```
node 2 checked!...31 matches found!
node 3 checked!...34 matches found!
node 4 checked!...37 matches found!
node 5 checked!...33 matches found!
node 6 checked!...30 matches found!
node 7 checked!...30 matches found!
node 8 checked!...31 matches found!
node 9 checked!...31 matches found!
node 10 checked!...33 matches found!
node 11 checked!...31 matches found!
node 12 checked!...29 matches found!
node 13 checked!...33 matches found!
node 14 checked!...32 matches found!
node 15 checked!...29 matches found!
node 16 checked!...26 matches found!
node 17 checked!...36 matches found!
node 18 checked!...33 matches found!
node 19 checked!...32 matches found!
node 20 checked!...33 matches found!
node 21 checked!...33 matches found!
node 22 checked!...30 matches found!
node 23 checked!...31 matches found!
node 24 checked!...35 matches found!
node 25 checked!...33 matches found!
node 26 checked!...32 matches found!
node 27 checked!...34 matches found!
node 28 checked!...31 matches found!
node 29 checked!...26 matches found!
node 30 checked!...32 matches found!
```

```
Voting array
--------------
[33 31 34 37 33 30 30 31 31 33 31 29 33 32 29 26 36 33 32 33 33 30 31 35 33
 32 34 31 26 32]
```

```
Putative nodes
------------
[27  3 24 17  4]
```

```
Best matching node from voting array
----------------------------------------
4
```

```
Presence of query node in putative nodes
----------------------------------------
Present
```

```
Node 3 -> query image 24
------------------------
```

```
82 features detected!
```

```
Checking for matches...
```

```
node 1 checked!...31 matches found!
node 2 checked!...33 matches found!
node 3 checked!...34 matches found!
node 4 checked!...37 matches found!
node 5 checked!...40 matches found!
node 6 checked!...29 matches found!
node 7 checked!...34 matches found!
```

```
node 8 checked!...35 matches found!
node 9 checked!...25 matches found!
node 10 checked!...35 matches found!
node 11 checked!...35 matches found!
node 12 checked!...36 matches found!
node 13 checked!...34 matches found!
node 14 checked!...28 matches found!
node 15 checked!...34 matches found!
node 16 checked!...38 matches found!
node 17 checked!...35 matches found!
node 18 checked!...34 matches found!
node 19 checked!...35 matches found!
node 20 checked!...32 matches found!
node 21 checked!...35 matches found!
node 22 checked!...34 matches found!
node 23 checked!...36 matches found!
node 24 checked!...34 matches found!
node 25 checked!...36 matches found!
node 26 checked!...33 matches found!
node 27 checked!...36 matches found!
node 28 checked!...39 matches found!
node 29 checked!...32 matches found!
node 30 checked!...38 matches found!

Voting array
--------------
[31 33 34 37 40 29 34 35 25 35 35 36 34 28 34 38 35 34 35 32 35 34 36 34 36
 33 36 39 32 38]

Putative nodes
------------
[ 4 16 30 28  5]

Best matching node from voting array
----------------------------------------
5

Presence of query node in putative nodes
----------------------------------------
Absent


Node 3 -> query image 25
------------------------

86 features detected!

Checking for matches...

node 1 checked!...31 matches found!
node 2 checked!...35 matches found!
node 3 checked!...39 matches found!
node 4 checked!...34 matches found!
node 5 checked!...33 matches found!
node 6 checked!...29 matches found!
node 7 checked!...32 matches found!
node 8 checked!...33 matches found!
node 9 checked!...25 matches found!
node 10 checked!...33 matches found!
node 11 checked!...34 matches found!
node 12 checked!...34 matches found!
node 13 checked!...34 matches found!
```

```
node 14 checked!...29 matches found!
node 15 checked!...31 matches found!
node 16 checked!...34 matches found!
node 17 checked!...32 matches found!
node 18 checked!...35 matches found!
node 19 checked!...34 matches found!
node 20 checked!...34 matches found!
node 21 checked!...36 matches found!
node 22 checked!...33 matches found!
node 23 checked!...39 matches found!
node 24 checked!...34 matches found!
node 25 checked!...28 matches found!
node 26 checked!...30 matches found!
node 27 checked!...34 matches found!
node 28 checked!...40 matches found!
node 29 checked!...30 matches found!
node 30 checked!...35 matches found!
```

Voting array

[31 35 39 34 33 29 32 33 25 33 34 34 34 29 31 34 32 35 34 34 36 33 39 34 28
 30 34 40 30 35]

Putative nodes

[30 21 28 3 23]

Best matching node from voting array

28

Presence of query node in putative nodes

Present

Node 3 -> query image 26
----

85 features detected!

Checking for matches...

```
node 1 checked!...29 matches found!
node 2 checked!...33 matches found!
node 3 checked!...34 matches found!
node 4 checked!...37 matches found!
node 5 checked!...35 matches found!
node 6 checked!...29 matches found!
node 7 checked!...36 matches found!
node 8 checked!...30 matches found!
node 9 checked!...31 matches found!
node 10 checked!...35 matches found!
node 11 checked!...32 matches found!
node 12 checked!...37 matches found!
node 13 checked!...34 matches found!
node 14 checked!...34 matches found!
node 15 checked!...29 matches found!
node 16 checked!...34 matches found!
node 17 checked!...33 matches found!
node 18 checked!...32 matches found!
node 19 checked!...28 matches found!
```

```
node 20 checked!...31 matches found!
node 21 checked!...36 matches found!
node 22 checked!...33 matches found!
node 23 checked!...38 matches found!
node 24 checked!...31 matches found!
node 25 checked!...29 matches found!
node 26 checked!...29 matches found!
node 27 checked!...30 matches found!
node 28 checked!...34 matches found!
node 29 checked!...31 matches found!
node 30 checked!...32 matches found!
```

Voting array

[29 33 34 37 35 29 36 30 31 35 32 37 34 34 29 34 33 32 28 31 36 33 38 31 29
 29 30 34 31 32]

Putative nodes

[7 4 23 21 12]

Best matching node from voting array

23

Presence of query node in putative nodes

Absent

Node 3 -> query image 27
----

87 features detected!

Checking for matches...

```
node 1 checked!...33 matches found!
node 2 checked!...35 matches found!
node 3 checked!...35 matches found!
node 4 checked!...37 matches found!
node 5 checked!...33 matches found!
node 6 checked!...30 matches found!
node 7 checked!...30 matches found!
node 8 checked!...34 matches found!
node 9 checked!...28 matches found!
node 10 checked!...37 matches found!
node 11 checked!...33 matches found!
node 12 checked!...35 matches found!
node 13 checked!...36 matches found!
node 14 checked!...32 matches found!
node 15 checked!...32 matches found!
node 16 checked!...31 matches found!
node 17 checked!...37 matches found!
node 18 checked!...38 matches found!
node 19 checked!...34 matches found!
node 20 checked!...31 matches found!
node 21 checked!...32 matches found!
node 22 checked!...33 matches found!
node 23 checked!...38 matches found!
node 24 checked!...36 matches found!
node 25 checked!...29 matches found!
```

```
node 26 checked!...33 matches found!
node 27 checked!...33 matches found!
node 28 checked!...38 matches found!
node 29 checked!...26 matches found!
node 30 checked!...33 matches found!

Voting array
--------------
[33 35 35 37 33 30 30 34 28 37 33 35 36 32 32 31 37 38 34 31 32 33 38 36 29
 33 33 38 26 33]

Putative nodes
------------
[10  4 28 23 18]

Best matching node from voting array
-------------------------------------
18

Presence of query node in putative nodes
-------------------------------------
Absent


Node 3 -> query image 28
------------------------

94 features detected!

Checking for matches...

node 1 checked!...29 matches found!
node 2 checked!...37 matches found!
node 3 checked!...38 matches found!
node 4 checked!...37 matches found!
node 5 checked!...37 matches found!
node 6 checked!...40 matches found!
node 7 checked!...36 matches found!
node 8 checked!...35 matches found!
node 9 checked!...26 matches found!
node 10 checked!...37 matches found!
node 11 checked!...39 matches found!
node 12 checked!...38 matches found!
node 13 checked!...38 matches found!
node 14 checked!...33 matches found!
node 15 checked!...38 matches found!
node 16 checked!...40 matches found!
node 17 checked!...35 matches found!
node 18 checked!...33 matches found!
node 19 checked!...34 matches found!
node 20 checked!...36 matches found!
node 21 checked!...37 matches found!
node 22 checked!...37 matches found!
node 23 checked!...37 matches found!
node 24 checked!...40 matches found!
node 25 checked!...31 matches found!
node 26 checked!...35 matches found!
node 27 checked!...42 matches found!
node 28 checked!...38 matches found!
node 29 checked!...31 matches found!
node 30 checked!...42 matches found!
```

Voting array

[29 37 38 37 37 40 36 35 26 37 39 38 38 33 38 40 35 33 34 36 37 37 37 40 31
 35 42 38 31 42]

Putative nodes

[6 16 27 24 30]

Best matching node from voting array

27

Presence of query node in putative nodes

Absent

Node 3 -> query image 29
----

94 features detected!

Checking for matches...

node 1 checked!...33 matches found!
node 2 checked!...35 matches found!
node 3 checked!...37 matches found!
node 4 checked!...37 matches found!
node 5 checked!...37 matches found!
node 6 checked!...32 matches found!
node 7 checked!...35 matches found!
node 8 checked!...33 matches found!
node 9 checked!...33 matches found!
node 10 checked!...39 matches found!
node 11 checked!...37 matches found!
node 12 checked!...37 matches found!
node 13 checked!...38 matches found!
node 14 checked!...36 matches found!
node 15 checked!...31 matches found!
node 16 checked!...36 matches found!
node 17 checked!...36 matches found!
node 18 checked!...33 matches found!
node 19 checked!...32 matches found!
node 20 checked!...34 matches found!
node 21 checked!...42 matches found!
node 22 checked!...33 matches found!
node 23 checked!...42 matches found!
node 24 checked!...34 matches found!
node 25 checked!...32 matches found!
node 26 checked!...31 matches found!
node 27 checked!...35 matches found!
node 28 checked!...34 matches found!
node 29 checked!...37 matches found!
node 30 checked!...35 matches found!

Voting array

[33 35 37 37 37 32 35 33 33 39 37 37 38 36 31 36 36 33 32 34 42 33 42 34 32
 31 35 34 37 35]

Putative nodes

[29 13 10 21 23]

Best matching node from voting array

21

Presence of query node in putative nodes

Absent

Node 3 -> query image 30
----

91 features detected!

Checking for matches...

node 1 checked!...28 matches found!
node 2 checked!...35 matches found!
node 3 checked!...35 matches found!
node 4 checked!...36 matches found!
node 5 checked!...32 matches found!
node 6 checked!...31 matches found!
node 7 checked!...29 matches found!
node 8 checked!...30 matches found!
node 9 checked!...31 matches found!
node 10 checked!...32 matches found!
node 11 checked!...32 matches found!
node 12 checked!...32 matches found!
node 13 checked!...34 matches found!
node 14 checked!...35 matches found!
node 15 checked!...31 matches found!
node 16 checked!...33 matches found!
node 17 checked!...37 matches found!
node 18 checked!...36 matches found!
node 19 checked!...29 matches found!
node 20 checked!...30 matches found!
node 21 checked!...30 matches found!
node 22 checked!...32 matches found!
node 23 checked!...34 matches found!
node 24 checked!...35 matches found!
node 25 checked!...28 matches found!
node 26 checked!...33 matches found!
node 27 checked!...27 matches found!
node 28 checked!...30 matches found!
node 29 checked!...27 matches found!
node 30 checked!...32 matches found!

Voting array

[28 35 35 36 32 31 29 30 31 32 32 32 34 35 31 33 37 36 29 30 30 32 34 35 28
 33 27 30 27 32]

Putative nodes

[24 2 4 17 18]

Best matching node from voting array

17

Presence of query node in putative nodes

Absent

Node 3 -> query image 31
----

96 features detected!

Checking for matches...

node 1 checked!...34 matches found!
node 2 checked!...33 matches found!
node 3 checked!...38 matches found!
node 4 checked!...40 matches found!
node 5 checked!...37 matches found!
node 6 checked!...31 matches found!
node 7 checked!...29 matches found!
node 8 checked!...35 matches found!
node 9 checked!...28 matches found!
node 10 checked!...39 matches found!
node 11 checked!...38 matches found!
node 12 checked!...33 matches found!
node 13 checked!...39 matches found!
node 14 checked!...35 matches found!
node 15 checked!...32 matches found!
node 16 checked!...34 matches found!
node 17 checked!...35 matches found!
node 18 checked!...40 matches found!
node 19 checked!...35 matches found!
node 20 checked!...34 matches found!
node 21 checked!...35 matches found!
node 22 checked!...34 matches found!
node 23 checked!...37 matches found!
node 24 checked!...32 matches found!
node 25 checked!...33 matches found!
node 26 checked!...35 matches found!
node 27 checked!...33 matches found!
node 28 checked!...37 matches found!
node 29 checked!...29 matches found!
node 30 checked!...33 matches found!

Voting array

[34 33 38 40 37 31 29 35 28 39 38 33 39 35 32 34 35 40 35 34 35 34 37 32 33
 35 33 37 29 33]

Putative nodes

[11 4 13 10 18]

Best matching node from voting array

4

Presence of query node in putative nodes

Absent

Node 3 -> query image 32
----

95 features detected!

Checking for matches...

node 1 checked!...32 matches found!
node 2 checked!...37 matches found!
node 3 checked!...34 matches found!
node 4 checked!...39 matches found!
node 5 checked!...36 matches found!
node 6 checked!...39 matches found!
node 7 checked!...37 matches found!
node 8 checked!...41 matches found!
node 9 checked!...32 matches found!
node 10 checked!...39 matches found!
node 11 checked!...39 matches found!
node 12 checked!...36 matches found!
node 13 checked!...40 matches found!
node 14 checked!...37 matches found!
node 15 checked!...35 matches found!
node 16 checked!...38 matches found!
node 17 checked!...36 matches found!
node 18 checked!...39 matches found!
node 19 checked!...35 matches found!
node 20 checked!...32 matches found!
node 21 checked!...35 matches found!
node 22 checked!...35 matches found!
node 23 checked!...34 matches found!
node 24 checked!...36 matches found!
node 25 checked!...31 matches found!
node 26 checked!...33 matches found!
node 27 checked!...39 matches found!
node 28 checked!...37 matches found!
node 29 checked!...32 matches found!
node 30 checked!...42 matches found!

Voting array

[32 37 34 39 36 39 37 41 32 39 39 36 40 37 35 38 36 39 35 32 35 35 34 36 31
 33 39 37 32 42]

Putative nodes

[18 27 13 8 30]

Best matching node from voting array

30

Presence of query node in putative nodes

Absent

Node 3 -> query image 33
----

53 features detected!

Checking for matches...

```
node 1 checked!...23 matches found!
node 2 checked!...27 matches found!
node 3 checked!...28 matches found!
node 4 checked!...28 matches found!
node 5 checked!...25 matches found!
node 6 checked!...27 matches found!
node 7 checked!...21 matches found!
node 8 checked!...25 matches found!
node 9 checked!...29 matches found!
node 10 checked!...25 matches found!
node 11 checked!...22 matches found!
node 12 checked!...26 matches found!
node 13 checked!...25 matches found!
node 14 checked!...24 matches found!
node 15 checked!...27 matches found!
node 16 checked!...26 matches found!
node 17 checked!...32 matches found!
node 18 checked!...29 matches found!
node 19 checked!...26 matches found!
node 20 checked!...26 matches found!
node 21 checked!...28 matches found!
node 22 checked!...30 matches found!
node 23 checked!...24 matches found!
node 24 checked!...25 matches found!
node 25 checked!...24 matches found!
node 26 checked!...28 matches found!
node 27 checked!...27 matches found!
node 28 checked!...27 matches found!
node 29 checked!...23 matches found!
node 30 checked!...27 matches found!
```

Voting array

[23 27 28 28 25 27 21 25 29 25 22 26 25 24 27 26 32 29 26 26 28 30 24 25 24
 28 27 27 23 27]

Putative nodes

[26 18 17 22 9]

Best matching node from voting array

17

Presence of query node in putative nodes

Absent

Node 3 -> query image 34
----

63 features detected!

Checking for matches...

```
node 1 checked!...27 matches found!
node 2 checked!...28 matches found!
node 3 checked!...32 matches found!
node 4 checked!...37 matches found!
node 5 checked!...35 matches found!
```

```
node 6 checked!...28 matches found!
node 7 checked!...28 matches found!
node 8 checked!...27 matches found!
node 9 checked!...30 matches found!
node 10 checked!...29 matches found!
node 11 checked!...28 matches found!
node 12 checked!...29 matches found!
node 13 checked!...32 matches found!
node 14 checked!...31 matches found!
node 15 checked!...29 matches found!
node 16 checked!...28 matches found!
node 17 checked!...33 matches found!
node 18 checked!...31 matches found!
node 19 checked!...28 matches found!
node 20 checked!...27 matches found!
node 21 checked!...31 matches found!
node 22 checked!...28 matches found!
node 23 checked!...37 matches found!
node 24 checked!...32 matches found!
node 25 checked!...34 matches found!
node 26 checked!...29 matches found!
node 27 checked!...25 matches found!
node 28 checked!...33 matches found!
node 29 checked!...25 matches found!
node 30 checked!...32 matches found!


Voting array
--------------
[27 28 32 37 35 28 28 27 30 29 28 29 32 31 29 28 33 31 28 27 31 28 37 32 34
 29 25 33 25 32]

Putative nodes
------------
[28 25  5 23  4]

Best matching node from voting array
----------------------------------------
4

Presence of query node in putative nodes
----------------------------------------
Absent


Node 3 -> query image 35
------------------------

4 features detected!

Checking for matches...

node 1 checked!...3 matches found!
node 2 checked!...3 matches found!
node 3 checked!...3 matches found!
node 4 checked!...3 matches found!
node 5 checked!...3 matches found!
node 6 checked!...3 matches found!
node 7 checked!...3 matches found!
node 8 checked!...3 matches found!
node 9 checked!...3 matches found!
node 10 checked!...3 matches found!
node 11 checked!...3 matches found!
```

```
node 12 checked!...3 matches found!
node 13 checked!...3 matches found!
node 14 checked!...3 matches found!
node 15 checked!...3 matches found!
node 16 checked!...3 matches found!
node 17 checked!...3 matches found!
node 18 checked!...3 matches found!
node 19 checked!...3 matches found!
node 20 checked!...3 matches found!
node 21 checked!...3 matches found!
node 22 checked!...3 matches found!
node 23 checked!...3 matches found!
node 24 checked!...3 matches found!
node 25 checked!...3 matches found!
node 26 checked!...3 matches found!
node 27 checked!...3 matches found!
node 28 checked!...3 matches found!
node 29 checked!...3 matches found!
node 30 checked!...3 matches found!
```

Voting array

[3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3]

Putative nodes

[11 14 12 10 30]

Best matching node from voting array

1

Presence of query node in putative nodes

Absent

Node 3 -> query image 36
----

65 features detected!

Checking for matches...

```
node 1 checked!...32 matches found!
node 2 checked!...33 matches found!
node 3 checked!...30 matches found!
node 4 checked!...33 matches found!
node 5 checked!...32 matches found!
node 6 checked!...28 matches found!
node 7 checked!...24 matches found!
node 8 checked!...26 matches found!
node 9 checked!...25 matches found!
node 10 checked!...33 matches found!
node 11 checked!...30 matches found!
node 12 checked!...28 matches found!
node 13 checked!...29 matches found!
node 14 checked!...31 matches found!
node 15 checked!...23 matches found!
node 16 checked!...30 matches found!
node 17 checked!...33 matches found!
node 18 checked!...29 matches found!
```

```
node 19 checked!...27 matches found!
node 20 checked!...27 matches found!
node 21 checked!...34 matches found!
node 22 checked!...27 matches found!
node 23 checked!...29 matches found!
node 24 checked!...26 matches found!
node 25 checked!...24 matches found!
node 26 checked!...22 matches found!
node 27 checked!...26 matches found!
node 28 checked!...32 matches found!
node 29 checked!...27 matches found!
node 30 checked!...28 matches found!


Voting array
--------------
[32 33 30 33 32 28 24 26 25 33 30 28 29 31 23 30 33 29 27 27 34 27 29 26 24
 22 26 32 27 28]

Putative nodes
------------
[17  2 10  4 21]

Best matching node from voting array
----------------------------------------
21

Presence of query node in putative nodes
----------------------------------------
Absent


Node 3 -> query image 37
------------------------

84 features detected!

Checking for matches...

node 1 checked!...40 matches found!
node 2 checked!...37 matches found!
node 3 checked!...37 matches found!
node 4 checked!...40 matches found!
node 5 checked!...38 matches found!
node 6 checked!...37 matches found!
node 7 checked!...40 matches found!
node 8 checked!...39 matches found!
node 9 checked!...35 matches found!
node 10 checked!...39 matches found!
node 11 checked!...43 matches found!
node 12 checked!...36 matches found!
node 13 checked!...41 matches found!
node 14 checked!...33 matches found!
node 15 checked!...40 matches found!
node 16 checked!...39 matches found!
node 17 checked!...39 matches found!
node 18 checked!...40 matches found!
node 19 checked!...37 matches found!
node 20 checked!...41 matches found!
node 21 checked!...44 matches found!
node 22 checked!...35 matches found!
node 23 checked!...43 matches found!
node 24 checked!...34 matches found!
```

```
node 25 checked!...38 matches found!
node 26 checked!...40 matches found!
node 27 checked!...40 matches found!
node 28 checked!...44 matches found!
node 29 checked!...37 matches found!
node 30 checked!...42 matches found!
```

Voting array

```
[40 37 37 40 38 37 40 39 35 39 43 36 41 33 40 39 39 40 37 41 44 35 43 34 38
 40 40 44 37 42]
```

Putative nodes

```
[30 11 28 23 21]
```

Best matching node from voting array

21

Presence of query node in putative nodes

Absent

Node 3 -> query image 38
----

57 features detected!

Checking for matches...

```
node 1 checked!...29 matches found!
node 2 checked!...24 matches found!
node 3 checked!...27 matches found!
node 4 checked!...28 matches found!
node 5 checked!...24 matches found!
node 6 checked!...21 matches found!
node 7 checked!...24 matches found!
node 8 checked!...28 matches found!
node 9 checked!...22 matches found!
node 10 checked!...27 matches found!
node 11 checked!...24 matches found!
node 12 checked!...27 matches found!
node 13 checked!...23 matches found!
node 14 checked!...26 matches found!
node 15 checked!...24 matches found!
node 16 checked!...26 matches found!
node 17 checked!...28 matches found!
node 18 checked!...26 matches found!
node 19 checked!...25 matches found!
node 20 checked!...24 matches found!
node 21 checked!...27 matches found!
node 22 checked!...27 matches found!
node 23 checked!...31 matches found!
node 24 checked!...22 matches found!
node 25 checked!...29 matches found!
node 26 checked!...30 matches found!
node 27 checked!...26 matches found!
node 28 checked!...27 matches found!
node 29 checked!...27 matches found!
node 30 checked!...27 matches found!
```

Voting array

[29 24 27 28 24 21 24 28 22 27 24 27 23 26 24 26 28 26 25 24 27 27 31 22 29
 30 26 27 27 27]

Putative nodes

[4 25 26 23 1]

Best matching node from voting array

23

Presence of query node in putative nodes

Absent

Node 3 -> query image 39
----

88 features detected!

Checking for matches...

node 1 checked!...34 matches found!
node 2 checked!...36 matches found!
node 3 checked!...35 matches found!
node 4 checked!...38 matches found!
node 5 checked!...37 matches found!
node 6 checked!...29 matches found!
node 7 checked!...28 matches found!
node 8 checked!...35 matches found!
node 9 checked!...28 matches found!
node 10 checked!...37 matches found!
node 11 checked!...37 matches found!
node 12 checked!...36 matches found!
node 13 checked!...36 matches found!
node 14 checked!...38 matches found!
node 15 checked!...38 matches found!
node 16 checked!...36 matches found!
node 17 checked!...42 matches found!
node 18 checked!...36 matches found!
node 19 checked!...34 matches found!
node 20 checked!...38 matches found!
node 21 checked!...38 matches found!
node 22 checked!...30 matches found!
node 23 checked!...41 matches found!
node 24 checked!...34 matches found!
node 25 checked!...37 matches found!
node 26 checked!...40 matches found!
node 27 checked!...36 matches found!
node 28 checked!...34 matches found!
node 29 checked!...38 matches found!
node 30 checked!...34 matches found!

Voting array

[34 36 35 38 37 29 28 35 28 37 37 36 36 38 38 36 42 36 34 38 38 30 41 34 37
 40 36 34 38 34]

Putative nodes

[21 15 17 26 23]

Best matching node from voting array

17

Presence of query node in putative nodes

Absent

Node 3 -> query image 40
----

85 features detected!

Checking for matches...

node 1 checked!...35 matches found!
node 2 checked!...36 matches found!
node 3 checked!...39 matches found!
node 4 checked!...35 matches found!
node 5 checked!...35 matches found!
node 6 checked!...35 matches found!
node 7 checked!...34 matches found!
node 8 checked!...36 matches found!
node 9 checked!...33 matches found!
node 10 checked!...36 matches found!
node 11 checked!...33 matches found!
node 12 checked!...37 matches found!
node 13 checked!...35 matches found!
node 14 checked!...37 matches found!
node 15 checked!...36 matches found!
node 16 checked!...35 matches found!
node 17 checked!...36 matches found!
node 18 checked!...38 matches found!
node 19 checked!...33 matches found!
node 20 checked!...32 matches found!
node 21 checked!...35 matches found!
node 22 checked!...32 matches found!
node 23 checked!...39 matches found!
node 24 checked!...33 matches found!
node 25 checked!...34 matches found!
node 26 checked!...36 matches found!
node 27 checked!...36 matches found!
node 28 checked!...33 matches found!
node 29 checked!...27 matches found!
node 30 checked!...33 matches found!

Voting array

[35 36 39 35 35 35 34 36 33 36 33 37 35 37 36 35 36 38 33 32 35 32 39 33 34
 36 36 33 27 33]

Putative nodes

[12 18 14 3 23]

Best matching node from voting array

3

Presence of query node in putative nodes

Present

 Node 3 testing completed!

Node 4 -> query image 1
----

15 features detected!

Checking for matches...

node 1 checked!...12 matches found!
node 2 checked!...12 matches found!
node 3 checked!...12 matches found!
node 4 checked!...13 matches found!
node 5 checked!...11 matches found!
node 6 checked!...10 matches found!
node 7 checked!...12 matches found!
node 8 checked!...11 matches found!
node 9 checked!...11 matches found!
node 10 checked!...11 matches found!
node 11 checked!...14 matches found!
node 12 checked!...12 matches found!
node 13 checked!...13 matches found!
node 14 checked!...12 matches found!
node 15 checked!...13 matches found!
node 16 checked!...12 matches found!
node 17 checked!...13 matches found!
node 18 checked!...11 matches found!
node 19 checked!...13 matches found!
node 20 checked!...12 matches found!
node 21 checked!...12 matches found!
node 22 checked!...12 matches found!
node 23 checked!...12 matches found!
node 24 checked!...14 matches found!
node 25 checked!...12 matches found!
node 26 checked!...14 matches found!
node 27 checked!...13 matches found!
node 28 checked!...13 matches found!
node 29 checked!...12 matches found!
node 30 checked!...12 matches found!

Voting array

[12 12 12 13 11 10 12 11 11 11 14 12 13 12 13 12 13 11 13 12 12 12 12 14 12
 14 13 13 12 12]

Putative nodes

[17 15 24 11 26]

Best matching node from voting array

11

Presence of query node in putative nodes

Absent

Node 4 -> query image 2
----

86 features detected!

Checking for matches...

node 1 checked!...37 matches found!
node 2 checked!...36 matches found!
node 3 checked!...38 matches found!
node 4 checked!...39 matches found!
node 5 checked!...38 matches found!
node 6 checked!...34 matches found!
node 7 checked!...32 matches found!
node 8 checked!...36 matches found!
node 9 checked!...30 matches found!
node 10 checked!...34 matches found!
node 11 checked!...32 matches found!
node 12 checked!...32 matches found!
node 13 checked!...38 matches found!
node 14 checked!...36 matches found!
node 15 checked!...30 matches found!
node 16 checked!...35 matches found!
node 17 checked!...36 matches found!
node 18 checked!...33 matches found!
node 19 checked!...32 matches found!
node 20 checked!...31 matches found!
node 21 checked!...37 matches found!
node 22 checked!...33 matches found!
node 23 checked!...39 matches found!
node 24 checked!...34 matches found!
node 25 checked!...36 matches found!
node 26 checked!...39 matches found!
node 27 checked!...37 matches found!
node 28 checked!...32 matches found!
node 29 checked!...35 matches found!
node 30 checked!...37 matches found!

Voting array

[37 36 38 39 38 34 32 36 30 34 32 32 38 36 30 35 36 33 32 31 37 33 39 34 36
 39 37 32 35 37]

Putative nodes

[3 5 23 4 26]

Best matching node from voting array

4

Presence of query node in putative nodes

Present

Node 4 -> query image 3
----

66 features detected!

Checking for matches...

node 1 checked!...24 matches found!
node 2 checked!...28 matches found!
node 3 checked!...29 matches found!
node 4 checked!...29 matches found!
node 5 checked!...31 matches found!
node 6 checked!...26 matches found!
node 7 checked!...27 matches found!
node 8 checked!...27 matches found!
node 9 checked!...25 matches found!
node 10 checked!...28 matches found!
node 11 checked!...27 matches found!
node 12 checked!...27 matches found!
node 13 checked!...28 matches found!
node 14 checked!...29 matches found!
node 15 checked!...26 matches found!
node 16 checked!...26 matches found!
node 17 checked!...28 matches found!
node 18 checked!...30 matches found!
node 19 checked!...29 matches found!
node 20 checked!...25 matches found!
node 21 checked!...33 matches found!
node 22 checked!...28 matches found!
node 23 checked!...29 matches found!
node 24 checked!...25 matches found!
node 25 checked!...23 matches found!
node 26 checked!...31 matches found!
node 27 checked!...28 matches found!
node 28 checked!...33 matches found!
node 29 checked!...25 matches found!
node 30 checked!...28 matches found!

Voting array

[24 28 29 29 31 26 27 27 25 28 27 27 28 29 26 26 28 30 29 25 33 28 29 25 23
 31 28 33 25 28]

Putative nodes

[18 26 28 21 5]

Best matching node from voting array

21

Presence of query node in putative nodes

Absent

Node 4 -> query image 4
----

45 features detected!

Checking for matches...

node 1 checked!...20 matches found!

```
node 2 checked!...24 matches found!
node 3 checked!...20 matches found!
node 4 checked!...22 matches found!
node 5 checked!...22 matches found!
node 6 checked!...18 matches found!
node 7 checked!...17 matches found!
node 8 checked!...21 matches found!
node 9 checked!...21 matches found!
node 10 checked!...21 matches found!
node 11 checked!...25 matches found!
node 12 checked!...20 matches found!
node 13 checked!...22 matches found!
node 14 checked!...20 matches found!
node 15 checked!...20 matches found!
node 16 checked!...23 matches found!
node 17 checked!...22 matches found!
node 18 checked!...25 matches found!
node 19 checked!...18 matches found!
node 20 checked!...22 matches found!
node 21 checked!...24 matches found!
node 22 checked!...21 matches found!
node 23 checked!...22 matches found!
node 24 checked!...22 matches found!
node 25 checked!...23 matches found!
node 26 checked!...24 matches found!
node 27 checked!...22 matches found!
node 28 checked!...23 matches found!
node 29 checked!...20 matches found!
node 30 checked!...22 matches found!

Voting array
--------------
[20 24 20 22 22 18 17 21 21 21 25 20 22 20 20 23 22 25 18 22 24 21 22 22 23
 24 22 23 20 22]

Putative nodes
------------
[26  2 21 11 18]

Best matching node from voting array
----------------------------------------
11

Presence of query node in putative nodes
----------------------------------------
Absent


Node 4 -> query image 5
-----------------------

74 features detected!

Checking for matches...

node 1 checked!...33 matches found!
node 2 checked!...38 matches found!
node 3 checked!...36 matches found!
node 4 checked!...39 matches found!
node 5 checked!...42 matches found!
node 6 checked!...33 matches found!
node 7 checked!...30 matches found!
```

```
node 8 checked!...34 matches found!
node 9 checked!...32 matches found!
node 10 checked!...36 matches found!
node 11 checked!...32 matches found!
node 12 checked!...33 matches found!
node 13 checked!...36 matches found!
node 14 checked!...31 matches found!
node 15 checked!...34 matches found!
node 16 checked!...34 matches found!
node 17 checked!...40 matches found!
node 18 checked!...29 matches found!
node 19 checked!...32 matches found!
node 20 checked!...35 matches found!
node 21 checked!...37 matches found!
node 22 checked!...35 matches found!
node 23 checked!...41 matches found!
node 24 checked!...36 matches found!
node 25 checked!...31 matches found!
node 26 checked!...37 matches found!
node 27 checked!...36 matches found!
node 28 checked!...35 matches found!
node 29 checked!...32 matches found!
node 30 checked!...35 matches found!

Voting array
--------------
[33 38 36 39 42 33 30 34 32 36 32 33 36 31 34 34 40 29 32 35 37 35 41 36 31
 37 36 35 32 35]

Putative nodes
------------
[ 2  4 17 23  5]

Best matching node from voting array
----------------------------------------
5

Presence of query node in putative nodes
----------------------------------------
Present


Node 4 -> query image 6
-----------------------

33 features detected!

Checking for matches...

node 1 checked!...19 matches found!
node 2 checked!...20 matches found!
node 3 checked!...20 matches found!
node 4 checked!...23 matches found!
node 5 checked!...21 matches found!
node 6 checked!...19 matches found!
node 7 checked!...15 matches found!
node 8 checked!...20 matches found!
node 9 checked!...18 matches found!
node 10 checked!...20 matches found!
node 11 checked!...21 matches found!
node 12 checked!...17 matches found!
node 13 checked!...21 matches found!
```

```
node 14 checked!...20 matches found!
node 15 checked!...20 matches found!
node 16 checked!...22 matches found!
node 17 checked!...20 matches found!
node 18 checked!...19 matches found!
node 19 checked!...20 matches found!
node 20 checked!...18 matches found!
node 21 checked!...22 matches found!
node 22 checked!...17 matches found!
node 23 checked!...19 matches found!
node 24 checked!...19 matches found!
node 25 checked!...19 matches found!
node 26 checked!...18 matches found!
node 27 checked!...22 matches found!
node 28 checked!...19 matches found!
node 29 checked!...21 matches found!
node 30 checked!...17 matches found!


Voting array
--------------
[19 20 20 23 21 19 15 20 18 20 21 17 21 20 20 22 20 19 20 18 22 17 19 19 19
 18 22 19 21 17]

Putative nodes
------------
[ 5 21 16  4 27]

Best matching node from voting array
----------------------------------------
4

Presence of query node in putative nodes
----------------------------------------
Present


Node 4 -> query image 7
-----------------------

0 features detected!

Checking for matches...

node 1 checked!...0 matches found!
node 2 checked!...0 matches found!
node 3 checked!...0 matches found!
node 4 checked!...0 matches found!
node 5 checked!...0 matches found!
node 6 checked!...0 matches found!
node 7 checked!...0 matches found!
node 8 checked!...0 matches found!
node 9 checked!...0 matches found!
node 10 checked!...0 matches found!
node 11 checked!...0 matches found!
node 12 checked!...0 matches found!
node 13 checked!...0 matches found!
node 14 checked!...0 matches found!
node 15 checked!...0 matches found!
node 16 checked!...0 matches found!
node 17 checked!...0 matches found!
node 18 checked!...0 matches found!
node 19 checked!...0 matches found!
```

```
node 20 checked!...0 matches found!
node 21 checked!...0 matches found!
node 22 checked!...0 matches found!
node 23 checked!...0 matches found!
node 24 checked!...0 matches found!
node 25 checked!...0 matches found!
node 26 checked!...0 matches found!
node 27 checked!...0 matches found!
node 28 checked!...0 matches found!
node 29 checked!...0 matches found!
node 30 checked!...0 matches found!

Voting array
--------------
[0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0]

Unable to predict a matching node and putative nodes!

Node 4 -> query image 8
------------------------

0 features detected!

Checking for matches...

node 1 checked!...0 matches found!
node 2 checked!...0 matches found!
node 3 checked!...0 matches found!
node 4 checked!...0 matches found!
node 5 checked!...0 matches found!
node 6 checked!...0 matches found!
node 7 checked!...0 matches found!
node 8 checked!...0 matches found!
node 9 checked!...0 matches found!
node 10 checked!...0 matches found!
node 11 checked!...0 matches found!
node 12 checked!...0 matches found!
node 13 checked!...0 matches found!
node 14 checked!...0 matches found!
node 15 checked!...0 matches found!
node 16 checked!...0 matches found!
node 17 checked!...0 matches found!
node 18 checked!...0 matches found!
node 19 checked!...0 matches found!
node 20 checked!...0 matches found!
node 21 checked!...0 matches found!
node 22 checked!...0 matches found!
node 23 checked!...0 matches found!
node 24 checked!...0 matches found!
node 25 checked!...0 matches found!
node 26 checked!...0 matches found!
node 27 checked!...0 matches found!
node 28 checked!...0 matches found!
node 29 checked!...0 matches found!
node 30 checked!...0 matches found!

Voting array
--------------
[0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0]

Unable to predict a matching node and putative nodes!
```

Node 4 -> query image 9
----

70 features detected!

Checking for matches...

node 1 checked!...29 matches found!
node 2 checked!...33 matches found!
node 3 checked!...30 matches found!
node 4 checked!...36 matches found!
node 5 checked!...33 matches found!
node 6 checked!...26 matches found!
node 7 checked!...28 matches found!
node 8 checked!...31 matches found!
node 9 checked!...25 matches found!
node 10 checked!...28 matches found!
node 11 checked!...33 matches found!
node 12 checked!...29 matches found!
node 13 checked!...33 matches found!
node 14 checked!...29 matches found!
node 15 checked!...29 matches found!
node 16 checked!...32 matches found!
node 17 checked!...27 matches found!
node 18 checked!...29 matches found!
node 19 checked!...28 matches found!
node 20 checked!...33 matches found!
node 21 checked!...31 matches found!
node 22 checked!...31 matches found!
node 23 checked!...33 matches found!
node 24 checked!...31 matches found!
node 25 checked!...27 matches found!
node 26 checked!...33 matches found!
node 27 checked!...33 matches found!
node 28 checked!...31 matches found!
node 29 checked!...29 matches found!
node 30 checked!...30 matches found!

Voting array

[29 33 30 36 33 26 28 31 25 28 33 29 33 29 29 32 27 29 28 33 31 31 33 31 27
 33 33 31 29 30]

Putative nodes

[26 11 5 23 4]

Best matching node from voting array

4

Presence of query node in putative nodes

Present

Node 4 -> query image 10
----

83 features detected!

Checking for matches...

```
node 1 checked!...36 matches found!
node 2 checked!...39 matches found!
node 3 checked!...42 matches found!
node 4 checked!...40 matches found!
node 5 checked!...40 matches found!
node 6 checked!...39 matches found!
node 7 checked!...35 matches found!
node 8 checked!...39 matches found!
node 9 checked!...34 matches found!
node 10 checked!...39 matches found!
node 11 checked!...40 matches found!
node 12 checked!...36 matches found!
node 13 checked!...36 matches found!
node 14 checked!...35 matches found!
node 15 checked!...34 matches found!
node 16 checked!...40 matches found!
node 17 checked!...37 matches found!
node 18 checked!...34 matches found!
node 19 checked!...34 matches found!
node 20 checked!...34 matches found!
node 21 checked!...42 matches found!
node 22 checked!...37 matches found!
node 23 checked!...41 matches found!
node 24 checked!...34 matches found!
node 25 checked!...31 matches found!
node 26 checked!...36 matches found!
node 27 checked!...41 matches found!
node 28 checked!...39 matches found!
node 29 checked!...36 matches found!
node 30 checked!...41 matches found!
```

Voting array

[36 39 42 40 40 39 35 39 34 39 40 36 36 35 34 40 37 34 34 34 42 37 41 34 31
 36 41 39 36 41]

Putative nodes

[23 27 21 3 30]

Best matching node from voting array

3

Presence of query node in putative nodes

Absent

Node 4 -> query image 11
----

67 features detected!

Checking for matches...

```
node 1 checked!...27 matches found!
node 2 checked!...25 matches found!
node 3 checked!...27 matches found!
node 4 checked!...35 matches found!
node 5 checked!...32 matches found!
```

```
node 6 checked!...29 matches found!
node 7 checked!...29 matches found!
node 8 checked!...27 matches found!
node 9 checked!...27 matches found!
node 10 checked!...30 matches found!
node 11 checked!...31 matches found!
node 12 checked!...27 matches found!
node 13 checked!...31 matches found!
node 14 checked!...27 matches found!
node 15 checked!...28 matches found!
node 16 checked!...32 matches found!
node 17 checked!...27 matches found!
node 18 checked!...30 matches found!
node 19 checked!...29 matches found!
node 20 checked!...28 matches found!
node 21 checked!...33 matches found!
node 22 checked!...29 matches found!
node 23 checked!...33 matches found!
node 24 checked!...33 matches found!
node 25 checked!...29 matches found!
node 26 checked!...33 matches found!
node 27 checked!...28 matches found!
node 28 checked!...29 matches found!
node 29 checked!...31 matches found!
node 30 checked!...37 matches found!


Voting array
--------------
[27 25 27 35 32 29 29 27 27 30 31 27 31 27 28 32 27 30 29 28 33 29 33 33 29
 33 28 29 31 37]

Putative nodes
------------
[26 23 24  4 30]

Best matching node from voting array
----------------------------------------
30

Presence of query node in putative nodes
----------------------------------------
Present


Node 4 -> query image 12
-----------------------

69 features detected!

Checking for matches...

node 1 checked!...28 matches found!
node 2 checked!...25 matches found!
node 3 checked!...27 matches found!
node 4 checked!...25 matches found!
node 5 checked!...26 matches found!
node 6 checked!...21 matches found!
node 7 checked!...22 matches found!
node 8 checked!...27 matches found!
node 9 checked!...22 matches found!
node 10 checked!...26 matches found!
node 11 checked!...28 matches found!
```

```
node 12 checked!...26 matches found!
node 13 checked!...30 matches found!
node 14 checked!...26 matches found!
node 15 checked!...25 matches found!
node 16 checked!...25 matches found!
node 17 checked!...29 matches found!
node 18 checked!...24 matches found!
node 19 checked!...23 matches found!
node 20 checked!...25 matches found!
node 21 checked!...29 matches found!
node 22 checked!...25 matches found!
node 23 checked!...26 matches found!
node 24 checked!...23 matches found!
node 25 checked!...22 matches found!
node 26 checked!...27 matches found!
node 27 checked!...25 matches found!
node 28 checked!...28 matches found!
node 29 checked!...19 matches found!
node 30 checked!...25 matches found!


Voting array
--------------
[28 25 27 25 26 21 22 27 22 26 28 26 30 26 25 25 29 24 23 25 29 25 26 23 22
 27 25 28 19 25]

Putative nodes
------------
[ 1 13 11 17 21]

Best matching node from voting array
----------------------------------------
13

Presence of query node in putative nodes
----------------------------------------
Absent


Node 4 -> query image 13
------------------------

0 features detected!

Checking for matches...

node 1 checked!...0 matches found!
node 2 checked!...0 matches found!
node 3 checked!...0 matches found!
node 4 checked!...0 matches found!
node 5 checked!...0 matches found!
node 6 checked!...0 matches found!
node 7 checked!...0 matches found!
node 8 checked!...0 matches found!
node 9 checked!...0 matches found!
node 10 checked!...0 matches found!
node 11 checked!...0 matches found!
node 12 checked!...0 matches found!
node 13 checked!...0 matches found!
node 14 checked!...0 matches found!
node 15 checked!...0 matches found!
node 16 checked!...0 matches found!
node 17 checked!...0 matches found!
```

```
node 18 checked!...0 matches found!
node 19 checked!...0 matches found!
node 20 checked!...0 matches found!
node 21 checked!...0 matches found!
node 22 checked!...0 matches found!
node 23 checked!...0 matches found!
node 24 checked!...0 matches found!
node 25 checked!...0 matches found!
node 26 checked!...0 matches found!
node 27 checked!...0 matches found!
node 28 checked!...0 matches found!
node 29 checked!...0 matches found!
node 30 checked!...0 matches found!
```

Voting array

[0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0]

Unable to predict a matching node and putative nodes!

Node 4 -> query image 14
----

99 features detected!

Checking for matches...

```
node 1 checked!...34 matches found!
node 2 checked!...39 matches found!
node 3 checked!...35 matches found!
node 4 checked!...36 matches found!
node 5 checked!...38 matches found!
node 6 checked!...32 matches found!
node 7 checked!...34 matches found!
node 8 checked!...40 matches found!
node 9 checked!...36 matches found!
node 10 checked!...34 matches found!
node 11 checked!...34 matches found!
node 12 checked!...33 matches found!
node 13 checked!...38 matches found!
node 14 checked!...35 matches found!
node 15 checked!...32 matches found!
node 16 checked!...40 matches found!
node 17 checked!...34 matches found!
node 18 checked!...33 matches found!
node 19 checked!...34 matches found!
node 20 checked!...35 matches found!
node 21 checked!...39 matches found!
node 22 checked!...34 matches found!
node 23 checked!...38 matches found!
node 24 checked!...32 matches found!
node 25 checked!...28 matches found!
node 26 checked!...37 matches found!
node 27 checked!...40 matches found!
node 28 checked!...30 matches found!
node 29 checked!...33 matches found!
node 30 checked!...43 matches found!
```

Voting array

[34 39 35 36 38 32 34 40 36 34 34 33 38 35 32 40 34 33 34 35 39 34 38 32 28
 37 40 30 33 43]

Putative nodes

[2 16 8 27 30]

Best matching node from voting array

30

Presence of query node in putative nodes

Absent

Node 4 -> query image 15
----

92 features detected!

Checking for matches...

node 1 checked!...33 matches found!
node 2 checked!...36 matches found!
node 3 checked!...36 matches found!
node 4 checked!...40 matches found!
node 5 checked!...37 matches found!
node 6 checked!...35 matches found!
node 7 checked!...37 matches found!
node 8 checked!...38 matches found!
node 9 checked!...28 matches found!
node 10 checked!...39 matches found!
node 11 checked!...33 matches found!
node 12 checked!...37 matches found!
node 13 checked!...39 matches found!
node 14 checked!...33 matches found!
node 15 checked!...33 matches found!
node 16 checked!...32 matches found!
node 17 checked!...33 matches found!
node 18 checked!...35 matches found!
node 19 checked!...28 matches found!
node 20 checked!...38 matches found!
node 21 checked!...38 matches found!
node 22 checked!...30 matches found!
node 23 checked!...38 matches found!
node 24 checked!...36 matches found!
node 25 checked!...33 matches found!
node 26 checked!...32 matches found!
node 27 checked!...37 matches found!
node 28 checked!...31 matches found!
node 29 checked!...32 matches found!
node 30 checked!...39 matches found!

Voting array

[33 36 36 40 37 35 37 38 28 39 33 37 39 33 33 32 33 35 28 38 38 30 38 36 33
 32 37 31 32 39]

Putative nodes

[8 13 4 10 30]

Best matching node from voting array

```
-----------------------------------------
4

Presence of query node in putative nodes
-----------------------------------------
Present


Node 4 -> query image 16
------------------------

85 features detected!

Checking for matches...

node 1 checked!...35 matches found!
node 2 checked!...36 matches found!
node 3 checked!...36 matches found!
node 4 checked!...39 matches found!
node 5 checked!...39 matches found!
node 6 checked!...34 matches found!
node 7 checked!...31 matches found!
node 8 checked!...32 matches found!
node 9 checked!...29 matches found!
node 10 checked!...31 matches found!
node 11 checked!...34 matches found!
node 12 checked!...38 matches found!
node 13 checked!...36 matches found!
node 14 checked!...34 matches found!
node 15 checked!...32 matches found!
node 16 checked!...36 matches found!
node 17 checked!...36 matches found!
node 18 checked!...32 matches found!
node 19 checked!...32 matches found!
node 20 checked!...33 matches found!
node 21 checked!...37 matches found!
node 22 checked!...32 matches found!
node 23 checked!...38 matches found!
node 24 checked!...37 matches found!
node 25 checked!...33 matches found!
node 26 checked!...33 matches found!
node 27 checked!...38 matches found!
node 28 checked!...33 matches found!
node 29 checked!...33 matches found!
node 30 checked!...37 matches found!

Voting array
--------------
[35 36 36 39 39 34 31 32 29 31 34 38 36 34 32 36 36 32 32 33 37 32 38 37 33
 33 38 33 33 37]

Putative nodes
------------
[23 12  4  5 27]

Best matching node from voting array
-----------------------------------------
4

Presence of query node in putative nodes
-----------------------------------------
Present
```

Node 4 -> query image 17
----

98 features detected!

Checking for matches...

node 1 checked!...32 matches found!
node 2 checked!...31 matches found!
node 3 checked!...38 matches found!
node 4 checked!...40 matches found!
node 5 checked!...37 matches found!
node 6 checked!...34 matches found!
node 7 checked!...30 matches found!
node 8 checked!...37 matches found!
node 9 checked!...35 matches found!
node 10 checked!...38 matches found!
node 11 checked!...32 matches found!
node 12 checked!...39 matches found!
node 13 checked!...35 matches found!
node 14 checked!...34 matches found!
node 15 checked!...32 matches found!
node 16 checked!...34 matches found!
node 17 checked!...43 matches found!
node 18 checked!...32 matches found!
node 19 checked!...32 matches found!
node 20 checked!...35 matches found!
node 21 checked!...43 matches found!
node 22 checked!...37 matches found!
node 23 checked!...38 matches found!
node 24 checked!...32 matches found!
node 25 checked!...31 matches found!
node 26 checked!...36 matches found!
node 27 checked!...40 matches found!
node 28 checked!...34 matches found!
node 29 checked!...33 matches found!
node 30 checked!...36 matches found!

Voting array

[32 31 38 40 37 34 30 37 35 38 32 39 35 34 32 34 43 32 32 35 43 37 38 32 31
 36 40 34 33 36]

Putative nodes

[12 4 21 17 27]

Best matching node from voting array

17

Presence of query node in putative nodes

Present

Node 4 -> query image 18
----

73 features detected!

Checking for matches...

node 1 checked!...32 matches found!
node 2 checked!...30 matches found!
node 3 checked!...32 matches found!
node 4 checked!...35 matches found!
node 5 checked!...32 matches found!
node 6 checked!...28 matches found!
node 7 checked!...29 matches found!
node 8 checked!...33 matches found!
node 9 checked!...31 matches found!
node 10 checked!...30 matches found!
node 11 checked!...32 matches found!
node 12 checked!...28 matches found!
node 13 checked!...33 matches found!
node 14 checked!...32 matches found!
node 15 checked!...26 matches found!
node 16 checked!...34 matches found!
node 17 checked!...31 matches found!
node 18 checked!...30 matches found!
node 19 checked!...31 matches found!
node 20 checked!...29 matches found!
node 21 checked!...36 matches found!
node 22 checked!...29 matches found!
node 23 checked!...35 matches found!
node 24 checked!...31 matches found!
node 25 checked!...28 matches found!
node 26 checked!...31 matches found!
node 27 checked!...34 matches found!
node 28 checked!...31 matches found!
node 29 checked!...30 matches found!
node 30 checked!...33 matches found!

Voting array

[32 30 32 35 32 28 29 33 31 30 32 28 33 32 26 34 31 30 31 29 36 29 35 31 28
 31 34 31 30 33]

Putative nodes

[27 16 4 21 23]

Best matching node from voting array

21

Presence of query node in putative nodes

Present

Node 4 -> query image 19
----

79 features detected!

Checking for matches...

node 1 checked!...34 matches found!
node 2 checked!...35 matches found!
node 3 checked!...34 matches found!

```
node 4 checked!...39 matches found!
node 5 checked!...33 matches found!
node 6 checked!...32 matches found!
node 7 checked!...35 matches found!
node 8 checked!...32 matches found!
node 9 checked!...32 matches found!
node 10 checked!...34 matches found!
node 11 checked!...33 matches found!
node 12 checked!...33 matches found!
node 13 checked!...29 matches found!
node 14 checked!...32 matches found!
node 15 checked!...26 matches found!
node 16 checked!...31 matches found!
node 17 checked!...34 matches found!
node 18 checked!...34 matches found!
node 19 checked!...24 matches found!
node 20 checked!...32 matches found!
node 21 checked!...33 matches found!
node 22 checked!...31 matches found!
node 23 checked!...37 matches found!
node 24 checked!...35 matches found!
node 25 checked!...23 matches found!
node 26 checked!...36 matches found!
node 27 checked!...34 matches found!
node 28 checked!...33 matches found!
node 29 checked!...33 matches found!
node 30 checked!...37 matches found!

Voting array
--------------
[34 35 34 39 33 32 35 32 32 34 33 33 29 32 26 31 34 34 24 32 33 31 37 35 23
 36 34 33 33 37]

Putative nodes
------------
[24 23  4 26 30]

Best matching node from voting array
----------------------------------------
4

Presence of query node in putative nodes
----------------------------------------
Present


Node 4 -> query image 20
------------------------

66 features detected!

Checking for matches...

node 1 checked!...27 matches found!
node 2 checked!...28 matches found!
node 3 checked!...30 matches found!
node 4 checked!...34 matches found!
node 5 checked!...36 matches found!
node 6 checked!...31 matches found!
node 7 checked!...34 matches found!
node 8 checked!...35 matches found!
node 9 checked!...25 matches found!
```

```
node 10 checked!...31 matches found!
node 11 checked!...29 matches found!
node 12 checked!...33 matches found!
node 13 checked!...34 matches found!
node 14 checked!...30 matches found!
node 15 checked!...32 matches found!
node 16 checked!...29 matches found!
node 17 checked!...34 matches found!
node 18 checked!...35 matches found!
node 19 checked!...31 matches found!
node 20 checked!...32 matches found!
node 21 checked!...28 matches found!
node 22 checked!...32 matches found!
node 23 checked!...38 matches found!
node 24 checked!...34 matches found!
node 25 checked!...32 matches found!
node 26 checked!...34 matches found!
node 27 checked!...30 matches found!
node 28 checked!...29 matches found!
node 29 checked!...30 matches found!
node 30 checked!...32 matches found!
```

Voting array

[27 28 30 34 36 31 34 35 25 31 29 33 34 30 32 29 34 35 31 32 28 32 38 34 32
 34 30 29 30 32]

Putative nodes

[13 18 8 5 23]

Best matching node from voting array

23

Presence of query node in putative nodes

Absent

Node 4 -> query image 21
----

95 features detected!

Checking for matches...

```
node 1 checked!...35 matches found!
node 2 checked!...31 matches found!
node 3 checked!...37 matches found!
node 4 checked!...44 matches found!
node 5 checked!...40 matches found!
node 6 checked!...34 matches found!
node 7 checked!...34 matches found!
node 8 checked!...35 matches found!
node 9 checked!...35 matches found!
node 10 checked!...36 matches found!
node 11 checked!...37 matches found!
node 12 checked!...33 matches found!
node 13 checked!...36 matches found!
node 14 checked!...37 matches found!
node 15 checked!...33 matches found!
```

```
node 16 checked!...39 matches found!
node 17 checked!...39 matches found!
node 18 checked!...41 matches found!
node 19 checked!...32 matches found!
node 20 checked!...35 matches found!
node 21 checked!...37 matches found!
node 22 checked!...37 matches found!
node 23 checked!...44 matches found!
node 24 checked!...39 matches found!
node 25 checked!...35 matches found!
node 26 checked!...33 matches found!
node 27 checked!...34 matches found!
node 28 checked!...36 matches found!
node 29 checked!...37 matches found!
node 30 checked!...41 matches found!

Voting array
--------------
[35 31 37 44 40 34 34 35 35 36 37 33 36 37 33 39 39 41 32 35 37 37 44 39 35
 33 34 36 37 41]

Putative nodes
------------
[ 5 30 18 23  4]

Best matching node from voting array
----------------------------------------
4

Presence of query node in putative nodes
----------------------------------------
Present


Node 4 -> query image 22
------------------------

87 features detected!

Checking for matches...

node 1 checked!...29 matches found!
node 2 checked!...30 matches found!
node 3 checked!...29 matches found!
node 4 checked!...36 matches found!
node 5 checked!...36 matches found!
node 6 checked!...31 matches found!
node 7 checked!...27 matches found!
node 8 checked!...32 matches found!
node 9 checked!...30 matches found!
node 10 checked!...31 matches found!
node 11 checked!...32 matches found!
node 12 checked!...32 matches found!
node 13 checked!...34 matches found!
node 14 checked!...33 matches found!
node 15 checked!...31 matches found!
node 16 checked!...34 matches found!
node 17 checked!...34 matches found!
node 18 checked!...32 matches found!
node 19 checked!...31 matches found!
node 20 checked!...32 matches found!
node 21 checked!...32 matches found!
```

```
node 22 checked!...32 matches found!
node 23 checked!...37 matches found!
node 24 checked!...31 matches found!
node 25 checked!...33 matches found!
node 26 checked!...33 matches found!
node 27 checked!...33 matches found!
node 28 checked!...31 matches found!
node 29 checked!...30 matches found!
node 30 checked!...30 matches found!

Voting array
--------------
[29 30 29 36 36 31 27 32 30 31 32 32 34 33 31 34 34 32 31 32 32 32 37 31 33
 33 33 31 30 30]

Putative nodes
------------
[16 23  5  4 13]

Best matching node from voting array
----------------------------------------
23

Presence of query node in putative nodes
----------------------------------------
Present


Node 4 -> query image 23
------------------------

79 features detected!

Checking for matches...

node 1 checked!...34 matches found!
node 2 checked!...34 matches found!
node 3 checked!...37 matches found!
node 4 checked!...38 matches found!
node 5 checked!...39 matches found!
node 6 checked!...32 matches found!
node 7 checked!...37 matches found!
node 8 checked!...34 matches found!
node 9 checked!...32 matches found!
node 10 checked!...34 matches found!
node 11 checked!...35 matches found!
node 12 checked!...36 matches found!
node 13 checked!...41 matches found!
node 14 checked!...39 matches found!
node 15 checked!...32 matches found!
node 16 checked!...35 matches found!
node 17 checked!...29 matches found!
node 18 checked!...32 matches found!
node 19 checked!...40 matches found!
node 20 checked!...35 matches found!
node 21 checked!...41 matches found!
node 22 checked!...36 matches found!
node 23 checked!...38 matches found!
node 24 checked!...41 matches found!
node 25 checked!...30 matches found!
node 26 checked!...38 matches found!
node 27 checked!...39 matches found!
```

```
node 28 checked!...36 matches found!
node 29 checked!...27 matches found!
node 30 checked!...36 matches found!

Voting array
--------------
[34 34 37 38 39 32 37 34 32 34 35 36 41 39 32 35 29 32 40 35 41 36 38 41 30
 38 39 36 27 36]

Putative nodes
------------
[27 19 13 21 24]

Best matching node from voting array
-----------------------------------------
13

Presence of query node in putative nodes
-----------------------------------------
Absent


Node 4 -> query image 24
------------------------

93 features detected!

Checking for matches...

node 1 checked!...34 matches found!
node 2 checked!...38 matches found!
node 3 checked!...38 matches found!
node 4 checked!...41 matches found!
node 5 checked!...36 matches found!
node 6 checked!...32 matches found!
node 7 checked!...34 matches found!
node 8 checked!...34 matches found!
node 9 checked!...34 matches found!
node 10 checked!...37 matches found!
node 11 checked!...34 matches found!
node 12 checked!...37 matches found!
node 13 checked!...35 matches found!
node 14 checked!...34 matches found!
node 15 checked!...32 matches found!
node 16 checked!...33 matches found!
node 17 checked!...38 matches found!
node 18 checked!...34 matches found!
node 19 checked!...33 matches found!
node 20 checked!...33 matches found!
node 21 checked!...36 matches found!
node 22 checked!...31 matches found!
node 23 checked!...38 matches found!
node 24 checked!...37 matches found!
node 25 checked!...26 matches found!
node 26 checked!...39 matches found!
node 27 checked!...35 matches found!
node 28 checked!...34 matches found!
node 29 checked!...35 matches found!
node 30 checked!...41 matches found!

Voting array
--------------
```

```
[34 38 38 41 36 32 34 34 34 37 34 37 35 34 32 33 38 34 33 33 36 31 38 37 26
 39 35 34 35 41]
```

Putative nodes

```
[23  2 26  4 30]
```

Best matching node from voting array

4

Presence of query node in putative nodes

Present

Node 4 -> query image 25
----

89 features detected!

Checking for matches...

```
node 1 checked!...35 matches found!
node 2 checked!...36 matches found!
node 3 checked!...37 matches found!
node 4 checked!...37 matches found!
node 5 checked!...41 matches found!
node 6 checked!...34 matches found!
node 7 checked!...38 matches found!
node 8 checked!...36 matches found!
node 9 checked!...32 matches found!
node 10 checked!...42 matches found!
node 11 checked!...37 matches found!
node 12 checked!...36 matches found!
node 13 checked!...41 matches found!
node 14 checked!...37 matches found!
node 15 checked!...36 matches found!
node 16 checked!...35 matches found!
node 17 checked!...40 matches found!
node 18 checked!...38 matches found!
node 19 checked!...35 matches found!
node 20 checked!...37 matches found!
node 21 checked!...38 matches found!
node 22 checked!...35 matches found!
node 23 checked!...43 matches found!
node 24 checked!...38 matches found!
node 25 checked!...31 matches found!
node 26 checked!...35 matches found!
node 27 checked!...34 matches found!
node 28 checked!...30 matches found!
node 29 checked!...35 matches found!
node 30 checked!...42 matches found!
```

Voting array

```
[35 36 37 37 41 34 38 36 32 42 37 36 41 37 36 35 40 38 35 37 38 35 43 38 31
 35 34 30 35 42]
```

Putative nodes

```
[13  5 10 23 30]
```

Best matching node from voting array

23

Presence of query node in putative nodes

Absent

Node 4 -> query image 26
----

91 features detected!

Checking for matches...

node 1 checked!...32 matches found!
node 2 checked!...32 matches found!
node 3 checked!...36 matches found!
node 4 checked!...43 matches found!
node 5 checked!...38 matches found!
node 6 checked!...31 matches found!
node 7 checked!...25 matches found!
node 8 checked!...32 matches found!
node 9 checked!...35 matches found!
node 10 checked!...34 matches found!
node 11 checked!...37 matches found!
node 12 checked!...34 matches found!
node 13 checked!...34 matches found!
node 14 checked!...34 matches found!
node 15 checked!...34 matches found!
node 16 checked!...35 matches found!
node 17 checked!...37 matches found!
node 18 checked!...36 matches found!
node 19 checked!...33 matches found!
node 20 checked!...33 matches found!
node 21 checked!...37 matches found!
node 22 checked!...33 matches found!
node 23 checked!...38 matches found!
node 24 checked!...31 matches found!
node 25 checked!...30 matches found!
node 26 checked!...39 matches found!
node 27 checked!...37 matches found!
node 28 checked!...41 matches found!
node 29 checked!...30 matches found!
node 30 checked!...32 matches found!

Voting array

[32 32 36 43 38 31 25 32 35 34 37 34 34 34 34 35 37 36 33 33 37 33 38 31 30
 39 37 41 30 32]

Putative nodes

[23 5 28 26 4]

Best matching node from voting array

4

Presence of query node in putative nodes

Present

Node 4 -> query image 27
----

97 features detected!

Checking for matches...

node 1 checked!...31 matches found!
node 2 checked!...34 matches found!
node 3 checked!...37 matches found!
node 4 checked!...43 matches found!
node 5 checked!...38 matches found!
node 6 checked!...32 matches found!
node 7 checked!...34 matches found!
node 8 checked!...38 matches found!
node 9 checked!...31 matches found!
node 10 checked!...39 matches found!
node 11 checked!...40 matches found!
node 12 checked!...39 matches found!
node 13 checked!...43 matches found!
node 14 checked!...38 matches found!
node 15 checked!...33 matches found!
node 16 checked!...37 matches found!
node 17 checked!...41 matches found!
node 18 checked!...35 matches found!
node 19 checked!...36 matches found!
node 20 checked!...33 matches found!
node 21 checked!...40 matches found!
node 22 checked!...36 matches found!
node 23 checked!...38 matches found!
node 24 checked!...36 matches found!
node 25 checked!...33 matches found!
node 26 checked!...36 matches found!
node 27 checked!...41 matches found!
node 28 checked!...37 matches found!
node 29 checked!...33 matches found!
node 30 checked!...32 matches found!

Voting array

[31 34 37 43 38 32 34 38 31 39 40 39 43 38 33 37 41 35 36 33 40 36 38 36 33
 36 41 37 33 32]

Putative nodes

[11 17 27 13 4]

Best matching node from voting array

4

Presence of query node in putative nodes

Present

Node 4 -> query image 28
----

99 features detected!

Checking for matches...

node 1 checked!...40 matches found!
node 2 checked!...37 matches found!
node 3 checked!...41 matches found!
node 4 checked!...40 matches found!
node 5 checked!...38 matches found!
node 6 checked!...32 matches found!
node 7 checked!...33 matches found!
node 8 checked!...38 matches found!
node 9 checked!...33 matches found!
node 10 checked!...40 matches found!
node 11 checked!...38 matches found!
node 12 checked!...35 matches found!
node 13 checked!...42 matches found!
node 14 checked!...40 matches found!
node 15 checked!...32 matches found!
node 16 checked!...39 matches found!
node 17 checked!...37 matches found!
node 18 checked!...37 matches found!
node 19 checked!...38 matches found!
node 20 checked!...33 matches found!
node 21 checked!...42 matches found!
node 22 checked!...33 matches found!
node 23 checked!...44 matches found!
node 24 checked!...37 matches found!
node 25 checked!...33 matches found!
node 26 checked!...37 matches found!
node 27 checked!...39 matches found!
node 28 checked!...36 matches found!
node 29 checked!...32 matches found!
node 30 checked!...37 matches found!

Voting array

[40 37 41 40 38 32 33 38 33 40 38 35 42 40 32 39 37 37 38 33 42 33 44 37 33
 37 39 36 32 37]

Putative nodes

[14 3 13 21 23]

Best matching node from voting array

23

Presence of query node in putative nodes

Absent

Node 4 -> query image 29
----

99 features detected!

Checking for matches...

node 1 checked!...39 matches found!

```
node 2 checked!...38 matches found!
node 3 checked!...40 matches found!
node 4 checked!...40 matches found!
node 5 checked!...37 matches found!
node 6 checked!...32 matches found!
node 7 checked!...32 matches found!
node 8 checked!...35 matches found!
node 9 checked!...30 matches found!
node 10 checked!...35 matches found!
node 11 checked!...36 matches found!
node 12 checked!...35 matches found!
node 13 checked!...38 matches found!
node 14 checked!...40 matches found!
node 15 checked!...34 matches found!
node 16 checked!...35 matches found!
node 17 checked!...37 matches found!
node 18 checked!...37 matches found!
node 19 checked!...35 matches found!
node 20 checked!...30 matches found!
node 21 checked!...36 matches found!
node 22 checked!...33 matches found!
node 23 checked!...42 matches found!
node 24 checked!...37 matches found!
node 25 checked!...32 matches found!
node 26 checked!...40 matches found!
node 27 checked!...37 matches found!
node 28 checked!...38 matches found!
node 29 checked!...34 matches found!
node 30 checked!...38 matches found!
```

Voting array

```
[39 38 40 40 37 32 32 35 30 35 36 35 38 40 34 35 37 37 35 30 36 33 42 37 32
 40 37 38 34 38]
```

Putative nodes

```
[ 3 26  4 14 23]
```

Best matching node from voting array

23

Presence of query node in putative nodes

Present

Node 4 -> query image 30
----

95 features detected!

Checking for matches...

```
node 1 checked!...34 matches found!
node 2 checked!...30 matches found!
node 3 checked!...35 matches found!
node 4 checked!...44 matches found!
node 5 checked!...39 matches found!
node 6 checked!...35 matches found!
node 7 checked!...33 matches found!
```

```
node 8 checked!...29 matches found!
node 9 checked!...34 matches found!
node 10 checked!...33 matches found!
node 11 checked!...35 matches found!
node 12 checked!...36 matches found!
node 13 checked!...34 matches found!
node 14 checked!...34 matches found!
node 15 checked!...32 matches found!
node 16 checked!...37 matches found!
node 17 checked!...35 matches found!
node 18 checked!...36 matches found!
node 19 checked!...33 matches found!
node 20 checked!...34 matches found!
node 21 checked!...39 matches found!
node 22 checked!...33 matches found!
node 23 checked!...40 matches found!
node 24 checked!...37 matches found!
node 25 checked!...32 matches found!
node 26 checked!...43 matches found!
node 27 checked!...34 matches found!
node 28 checked!...34 matches found!
node 29 checked!...33 matches found!
node 30 checked!...37 matches found!

Voting array
--------------
[34 30 35 44 39 35 33 29 34 33 35 36 34 34 32 37 35 36 33 34 39 33 40 37 32
 43 34 34 33 37]

Putative nodes
------------
[21  5  4 26 23]

Best matching node from voting array
----------------------------------------
4

Presence of query node in putative nodes
----------------------------------------
Present


Node 4 -> query image 31
------------------------

91 features detected!

Checking for matches...

node 1 checked!...36 matches found!
node 2 checked!...36 matches found!
node 3 checked!...39 matches found!
node 4 checked!...40 matches found!
node 5 checked!...39 matches found!
node 6 checked!...34 matches found!
node 7 checked!...33 matches found!
node 8 checked!...38 matches found!
node 9 checked!...33 matches found!
node 10 checked!...38 matches found!
node 11 checked!...38 matches found!
node 12 checked!...38 matches found!
node 13 checked!...41 matches found!
```

```
node 14 checked!...38 matches found!
node 15 checked!...33 matches found!
node 16 checked!...37 matches found!
node 17 checked!...36 matches found!
node 18 checked!...34 matches found!
node 19 checked!...35 matches found!
node 20 checked!...34 matches found!
node 21 checked!...40 matches found!
node 22 checked!...37 matches found!
node 23 checked!...44 matches found!
node 24 checked!...38 matches found!
node 25 checked!...36 matches found!
node 26 checked!...39 matches found!
node 27 checked!...41 matches found!
node 28 checked!...39 matches found!
node 29 checked!...32 matches found!
node 30 checked!...38 matches found!

Voting array
--------------
[36 36 39 40 39 34 33 38 33 38 38 38 41 38 33 37 36 34 35 34 40 37 44 38 36
 39 41 39 32 38]

Putative nodes
------------
[21 27  4 23 13]

Best matching node from voting array
----------------------------------------
23

Presence of query node in putative nodes
----------------------------------------
Present


Node 4 -> query image 32
------------------------

87 features detected!

Checking for matches...

node 1 checked!...34 matches found!
node 2 checked!...36 matches found!
node 3 checked!...35 matches found!
node 4 checked!...37 matches found!
node 5 checked!...37 matches found!
node 6 checked!...33 matches found!
node 7 checked!...31 matches found!
node 8 checked!...37 matches found!
node 9 checked!...30 matches found!
node 10 checked!...40 matches found!
node 11 checked!...37 matches found!
node 12 checked!...33 matches found!
node 13 checked!...37 matches found!
node 14 checked!...36 matches found!
node 15 checked!...31 matches found!
node 16 checked!...38 matches found!
node 17 checked!...37 matches found!
node 18 checked!...33 matches found!
node 19 checked!...41 matches found!
```

```
node 20 checked!...35 matches found!
node 21 checked!...39 matches found!
node 22 checked!...30 matches found!
node 23 checked!...43 matches found!
node 24 checked!...35 matches found!
node 25 checked!...30 matches found!
node 26 checked!...37 matches found!
node 27 checked!...37 matches found!
node 28 checked!...31 matches found!
node 29 checked!...30 matches found!
node 30 checked!...36 matches found!
```

Voting array

[34 36 35 37 37 33 31 37 30 40 37 33 37 36 31 38 37 33 41 35 39 30 43 35 30
 37 37 31 30 36]

Putative nodes

[16 21 10 19 23]

Best matching node from voting array

23

Presence of query node in putative nodes

Absent

Node 4 -> query image 33
----

98 features detected!

Checking for matches...

```
node 1 checked!...41 matches found!
node 2 checked!...38 matches found!
node 3 checked!...38 matches found!
node 4 checked!...46 matches found!
node 5 checked!...41 matches found!
node 6 checked!...33 matches found!
node 7 checked!...38 matches found!
node 8 checked!...38 matches found!
node 9 checked!...33 matches found!
node 10 checked!...35 matches found!
node 11 checked!...33 matches found!
node 12 checked!...39 matches found!
node 13 checked!...41 matches found!
node 14 checked!...38 matches found!
node 15 checked!...33 matches found!
node 16 checked!...35 matches found!
node 17 checked!...40 matches found!
node 18 checked!...35 matches found!
node 19 checked!...37 matches found!
node 20 checked!...32 matches found!
node 21 checked!...37 matches found!
node 22 checked!...34 matches found!
node 23 checked!...43 matches found!
node 24 checked!...37 matches found!
node 25 checked!...35 matches found!
```

```
node 26 checked!...41 matches found!
node 27 checked!...39 matches found!
node 28 checked!...37 matches found!
node 29 checked!...37 matches found!
node 30 checked!...41 matches found!

Voting array
--------------
[41 38 38 46 41 33 38 38 33 35 33 39 41 38 33 35 40 35 37 32 37 34 43 37 35
 41 39 37 37 41]

Putative nodes
------------
[ 5 30 13  4 23]

Best matching node from voting array
--------------------------------------
4

Presence of query node in putative nodes
--------------------------------------
Present


Node 4 -> query image 34
-----------------------

35 features detected!

Checking for matches...

node 1 checked!...20 matches found!
node 2 checked!...19 matches found!
node 3 checked!...20 matches found!
node 4 checked!...23 matches found!
node 5 checked!...22 matches found!
node 6 checked!...18 matches found!
node 7 checked!...19 matches found!
node 8 checked!...18 matches found!
node 9 checked!...20 matches found!
node 10 checked!...19 matches found!
node 11 checked!...15 matches found!
node 12 checked!...17 matches found!
node 13 checked!...20 matches found!
node 14 checked!...20 matches found!
node 15 checked!...19 matches found!
node 16 checked!...23 matches found!
node 17 checked!...22 matches found!
node 18 checked!...22 matches found!
node 19 checked!...19 matches found!
node 20 checked!...19 matches found!
node 21 checked!...19 matches found!
node 22 checked!...19 matches found!
node 23 checked!...22 matches found!
node 24 checked!...19 matches found!
node 25 checked!...21 matches found!
node 26 checked!...21 matches found!
node 27 checked!...22 matches found!
node 28 checked!...21 matches found!
node 29 checked!...22 matches found!
node 30 checked!...20 matches found!
```

Voting array

[20 19 20 23 22 18 19 18 20 19 15 17 20 20 19 23 22 22 19 19 19 19 22 19 21
 21 22 21 22 20]

Putative nodes

[23 5 17 16 4]

Best matching node from voting array

4

Presence of query node in putative nodes

Present

Node 4 -> query image 35
----

85 features detected!

Checking for matches...

node 1 checked!...36 matches found!
node 2 checked!...34 matches found!
node 3 checked!...35 matches found!
node 4 checked!...35 matches found!
node 5 checked!...36 matches found!
node 6 checked!...32 matches found!
node 7 checked!...30 matches found!
node 8 checked!...33 matches found!
node 9 checked!...32 matches found!
node 10 checked!...34 matches found!
node 11 checked!...36 matches found!
node 12 checked!...37 matches found!
node 13 checked!...36 matches found!
node 14 checked!...36 matches found!
node 15 checked!...35 matches found!
node 16 checked!...39 matches found!
node 17 checked!...39 matches found!
node 18 checked!...32 matches found!
node 19 checked!...35 matches found!
node 20 checked!...29 matches found!
node 21 checked!...34 matches found!
node 22 checked!...28 matches found!
node 23 checked!...34 matches found!
node 24 checked!...33 matches found!
node 25 checked!...33 matches found!
node 26 checked!...42 matches found!
node 27 checked!...39 matches found!
node 28 checked!...36 matches found!
node 29 checked!...29 matches found!
node 30 checked!...34 matches found!

Voting array

[36 34 35 35 36 32 30 33 32 34 36 37 36 36 35 39 39 32 35 29 34 28 34 33 33
 42 39 36 29 34]

Putative nodes

[12 27 16 26 17]

Best matching node from voting array

26

Presence of query node in putative nodes

Absent

Node 4 -> query image 36
----

44 features detected!

Checking for matches...

node 1 checked!...16 matches found!
node 2 checked!...20 matches found!
node 3 checked!...22 matches found!
node 4 checked!...25 matches found!
node 5 checked!...26 matches found!
node 6 checked!...21 matches found!
node 7 checked!...16 matches found!
node 8 checked!...22 matches found!
node 9 checked!...20 matches found!
node 10 checked!...26 matches found!
node 11 checked!...25 matches found!
node 12 checked!...21 matches found!
node 13 checked!...22 matches found!
node 14 checked!...24 matches found!
node 15 checked!...18 matches found!
node 16 checked!...24 matches found!
node 17 checked!...23 matches found!
node 18 checked!...22 matches found!
node 19 checked!...23 matches found!
node 20 checked!...22 matches found!
node 21 checked!...24 matches found!
node 22 checked!...22 matches found!
node 23 checked!...20 matches found!
node 24 checked!...19 matches found!
node 25 checked!...20 matches found!
node 26 checked!...20 matches found!
node 27 checked!...22 matches found!
node 28 checked!...25 matches found!
node 29 checked!...20 matches found!
node 30 checked!...24 matches found!

Voting array

[16 20 22 25 26 21 16 22 20 26 25 21 22 24 18 24 23 22 23 22 24 22 20 19 20
 20 22 25 20 24]

Putative nodes

[28 4 11 10 5]

Best matching node from voting array

5

Presence of query node in putative nodes

Present

Node 4 -> query image 37
----

74 features detected!

Checking for matches...

node 1 checked!...30 matches found!
node 2 checked!...32 matches found!
node 3 checked!...30 matches found!
node 4 checked!...34 matches found!
node 5 checked!...32 matches found!
node 6 checked!...29 matches found!
node 7 checked!...24 matches found!
node 8 checked!...34 matches found!
node 9 checked!...29 matches found!
node 10 checked!...32 matches found!
node 11 checked!...31 matches found!
node 12 checked!...28 matches found!
node 13 checked!...34 matches found!
node 14 checked!...29 matches found!
node 15 checked!...29 matches found!
node 16 checked!...33 matches found!
node 17 checked!...28 matches found!
node 18 checked!...31 matches found!
node 19 checked!...30 matches found!
node 20 checked!...32 matches found!
node 21 checked!...32 matches found!
node 22 checked!...30 matches found!
node 23 checked!...37 matches found!
node 24 checked!...32 matches found!
node 25 checked!...29 matches found!
node 26 checked!...31 matches found!
node 27 checked!...35 matches found!
node 28 checked!...32 matches found!
node 29 checked!...33 matches found!
node 30 checked!...36 matches found!

Voting array

[30 32 30 34 32 29 24 34 29 32 31 28 34 29 29 33 28 31 30 32 32 30 37 32 29
 31 35 32 33 36]

Putative nodes

[4 8 27 23 30]

Best matching node from voting array

23

Presence of query node in putative nodes

Present

Node 4 -> query image 38
----

9 features detected!

Checking for matches...

node 1 checked!...8 matches found!
node 2 checked!...8 matches found!
node 3 checked!...8 matches found!
node 4 checked!...8 matches found!
node 5 checked!...8 matches found!
node 6 checked!...8 matches found!
node 7 checked!...8 matches found!
node 8 checked!...8 matches found!
node 9 checked!...7 matches found!
node 10 checked!...8 matches found!
node 11 checked!...8 matches found!
node 12 checked!...7 matches found!
node 13 checked!...8 matches found!
node 14 checked!...8 matches found!
node 15 checked!...8 matches found!
node 16 checked!...8 matches found!
node 17 checked!...8 matches found!
node 18 checked!...8 matches found!
node 19 checked!...8 matches found!
node 20 checked!...8 matches found!
node 21 checked!...8 matches found!
node 22 checked!...8 matches found!
node 23 checked!...8 matches found!
node 24 checked!...7 matches found!
node 25 checked!...8 matches found!
node 26 checked!...8 matches found!
node 27 checked!...8 matches found!
node 28 checked!...8 matches found!
node 29 checked!...8 matches found!
node 30 checked!...8 matches found!

Voting array

[8 8 8 8 8 8 8 8 7 8 8 7 8 8 8 8 8 8 8 8 8 8 8 7 8 8 8 8 8 8]

Putative nodes

[11 2 13 10 30]

Best matching node from voting array

1

Presence of query node in putative nodes

Absent

Node 4 -> query image 39
----

89 features detected!

Checking for matches...

```
node 1 checked!...36 matches found!
node 2 checked!...34 matches found!
node 3 checked!...34 matches found!
node 4 checked!...46 matches found!
node 5 checked!...40 matches found!
node 6 checked!...36 matches found!
node 7 checked!...34 matches found!
node 8 checked!...32 matches found!
node 9 checked!...39 matches found!
node 10 checked!...36 matches found!
node 11 checked!...35 matches found!
node 12 checked!...34 matches found!
node 13 checked!...35 matches found!
node 14 checked!...38 matches found!
node 15 checked!...36 matches found!
node 16 checked!...40 matches found!
node 17 checked!...36 matches found!
node 18 checked!...39 matches found!
node 19 checked!...32 matches found!
node 20 checked!...33 matches found!
node 21 checked!...37 matches found!
node 22 checked!...35 matches found!
node 23 checked!...40 matches found!
node 24 checked!...40 matches found!
node 25 checked!...31 matches found!
node 26 checked!...34 matches found!
node 27 checked!...35 matches found!
node 28 checked!...35 matches found!
node 29 checked!...35 matches found!
node 30 checked!...37 matches found!
```

Voting array

[36 34 34 46 40 36 34 32 39 36 35 34 35 38 36 40 36 39 32 33 37 35 40 40 31
 34 35 35 35 37]

Putative nodes

[5 23 16 4 24]

Best matching node from voting array

4

Presence of query node in putative nodes

Present

Node 4 -> query image 40
----

31 features detected!

Checking for matches...

```
node 1 checked!...19 matches found!
node 2 checked!...20 matches found!
node 3 checked!...21 matches found!
node 4 checked!...23 matches found!
node 5 checked!...20 matches found!
node 6 checked!...19 matches found!
```

```
node 7 checked!...15 matches found!
node 8 checked!...19 matches found!
node 9 checked!...18 matches found!
node 10 checked!...22 matches found!
node 11 checked!...21 matches found!
node 12 checked!...19 matches found!
node 13 checked!...21 matches found!
node 14 checked!...20 matches found!
node 15 checked!...20 matches found!
node 16 checked!...19 matches found!
node 17 checked!...21 matches found!
node 18 checked!...19 matches found!
node 19 checked!...18 matches found!
node 20 checked!...20 matches found!
node 21 checked!...20 matches found!
node 22 checked!...15 matches found!
node 23 checked!...20 matches found!
node 24 checked!...20 matches found!
node 25 checked!...19 matches found!
node 26 checked!...18 matches found!
node 27 checked!...22 matches found!
node 28 checked!...21 matches found!
node 29 checked!...19 matches found!
node 30 checked!...18 matches found!


Voting array
--------------
[19 20 21 23 20 19 15 19 18 22 21 19 21 20 20 19 21 19 18 20 20 15 20 20 19
 18 22 21 19 18]

Putative nodes
------------
[17 27 11 10  4]

Best matching node from voting array
----------------------------------------
4

Presence of query node in putative nodes
----------------------------------------
Present


 Node 4 testing completed!


Node 5 -> query image 1
------------------------

0 features detected!

Checking for matches...

node 1 checked!...0 matches found!
node 2 checked!...0 matches found!
node 3 checked!...0 matches found!
node 4 checked!...0 matches found!
node 5 checked!...0 matches found!
node 6 checked!...0 matches found!
node 7 checked!...0 matches found!
node 8 checked!...0 matches found!
node 9 checked!...0 matches found!
```

```
node 10 checked!...0 matches found!
node 11 checked!...0 matches found!
node 12 checked!...0 matches found!
node 13 checked!...0 matches found!
node 14 checked!...0 matches found!
node 15 checked!...0 matches found!
node 16 checked!...0 matches found!
node 17 checked!...0 matches found!
node 18 checked!...0 matches found!
node 19 checked!...0 matches found!
node 20 checked!...0 matches found!
node 21 checked!...0 matches found!
node 22 checked!...0 matches found!
node 23 checked!...0 matches found!
node 24 checked!...0 matches found!
node 25 checked!...0 matches found!
node 26 checked!...0 matches found!
node 27 checked!...0 matches found!
node 28 checked!...0 matches found!
node 29 checked!...0 matches found!
node 30 checked!...0 matches found!

Voting array
--------------
[0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0]

Unable to predict a matching node and putative nodes!

Node 5 -> query image 2
-----------------------

59 features detected!

Checking for matches...

node 1 checked!...17 matches found!
node 2 checked!...25 matches found!
node 3 checked!...25 matches found!
node 4 checked!...27 matches found!
node 5 checked!...23 matches found!
node 6 checked!...20 matches found!
node 7 checked!...21 matches found!
node 8 checked!...28 matches found!
node 9 checked!...20 matches found!
node 10 checked!...24 matches found!
node 11 checked!...24 matches found!
node 12 checked!...21 matches found!
node 13 checked!...24 matches found!
node 14 checked!...24 matches found!
node 15 checked!...26 matches found!
node 16 checked!...23 matches found!
node 17 checked!...22 matches found!
node 18 checked!...25 matches found!
node 19 checked!...24 matches found!
node 20 checked!...21 matches found!
node 21 checked!...26 matches found!
node 22 checked!...21 matches found!
node 23 checked!...24 matches found!
node 24 checked!...23 matches found!
node 25 checked!...21 matches found!
node 26 checked!...22 matches found!
node 27 checked!...23 matches found!
```

```
node 28 checked!...24 matches found!
node 29 checked!...20 matches found!
node 30 checked!...24 matches found!

Voting array
--------------
[17 25 25 27 23 20 21 28 20 24 24 21 24 24 26 23 22 25 24 21 26 21 24 23 21
 22 23 24 20 24]

Putative nodes
------------
[ 2 15 21  8  4]

Best matching node from voting array
----------------------------------------
8

Presence of query node in putative nodes
----------------------------------------
Absent


Node 5 -> query image 3
-----------------------

0 features detected!

Checking for matches...

node 1 checked!...0 matches found!
node 2 checked!...0 matches found!
node 3 checked!...0 matches found!
node 4 checked!...0 matches found!
node 5 checked!...0 matches found!
node 6 checked!...0 matches found!
node 7 checked!...0 matches found!
node 8 checked!...0 matches found!
node 9 checked!...0 matches found!
node 10 checked!...0 matches found!
node 11 checked!...0 matches found!
node 12 checked!...0 matches found!
node 13 checked!...0 matches found!
node 14 checked!...0 matches found!
node 15 checked!...0 matches found!
node 16 checked!...0 matches found!
node 17 checked!...0 matches found!
node 18 checked!...0 matches found!
node 19 checked!...0 matches found!
node 20 checked!...0 matches found!
node 21 checked!...0 matches found!
node 22 checked!...0 matches found!
node 23 checked!...0 matches found!
node 24 checked!...0 matches found!
node 25 checked!...0 matches found!
node 26 checked!...0 matches found!
node 27 checked!...0 matches found!
node 28 checked!...0 matches found!
node 29 checked!...0 matches found!
node 30 checked!...0 matches found!

Voting array
--------------
```

[0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0]

Unable to predict a matching node and putative nodes!

Node 5 -> query image 4
----

59 features detected!

Checking for matches...

node 1 checked!...34 matches found!
node 2 checked!...30 matches found!
node 3 checked!...32 matches found!
node 4 checked!...35 matches found!
node 5 checked!...33 matches found!
node 6 checked!...28 matches found!
node 7 checked!...30 matches found!
node 8 checked!...32 matches found!
node 9 checked!...27 matches found!
node 10 checked!...32 matches found!
node 11 checked!...27 matches found!
node 12 checked!...29 matches found!
node 13 checked!...31 matches found!
node 14 checked!...29 matches found!
node 15 checked!...26 matches found!
node 16 checked!...31 matches found!
node 17 checked!...31 matches found!
node 18 checked!...29 matches found!
node 19 checked!...33 matches found!
node 20 checked!...32 matches found!
node 21 checked!...33 matches found!
node 22 checked!...31 matches found!
node 23 checked!...35 matches found!
node 24 checked!...34 matches found!
node 25 checked!...35 matches found!
node 26 checked!...32 matches found!
node 27 checked!...33 matches found!
node 28 checked!...33 matches found!
node 29 checked!...29 matches found!
node 30 checked!...36 matches found!

Voting array

[34 30 32 35 33 28 30 32 27 32 27 29 31 29 26 31 31 29 33 32 33 31 35 34 35
 32 33 33 29 36]

Putative nodes

[24 23 25 4 30]

Best matching node from voting array

30

Presence of query node in putative nodes

Absent

Node 5 -> query image 5
----

87 features detected!

Checking for matches...

node 1 checked!...30 matches found!
node 2 checked!...32 matches found!
node 3 checked!...30 matches found!
node 4 checked!...35 matches found!
node 5 checked!...34 matches found!
node 6 checked!...34 matches found!
node 7 checked!...31 matches found!
node 8 checked!...36 matches found!
node 9 checked!...32 matches found!
node 10 checked!...32 matches found!
node 11 checked!...33 matches found!
node 12 checked!...34 matches found!
node 13 checked!...32 matches found!
node 14 checked!...28 matches found!
node 15 checked!...30 matches found!
node 16 checked!...35 matches found!
node 17 checked!...35 matches found!
node 18 checked!...36 matches found!
node 19 checked!...32 matches found!
node 20 checked!...31 matches found!
node 21 checked!...33 matches found!
node 22 checked!...31 matches found!
node 23 checked!...35 matches found!
node 24 checked!...37 matches found!
node 25 checked!...29 matches found!
node 26 checked!...30 matches found!
node 27 checked!...33 matches found!
node 28 checked!...37 matches found!
node 29 checked!...33 matches found!
node 30 checked!...32 matches found!

Voting array

[30 32 30 35 34 34 31 36 32 32 33 34 32 28 30 35 35 36 32 31 33 31 35 37 29
 30 33 37 33 32]

Putative nodes

[23 8 18 24 28]

Best matching node from voting array

24

Presence of query node in putative nodes

Absent

Node 5 -> query image 6
----

85 features detected!

Checking for matches...

node 1 checked!...34 matches found!

```
node 2 checked!...29 matches found!
node 3 checked!...32 matches found!
node 4 checked!...36 matches found!
node 5 checked!...37 matches found!
node 6 checked!...27 matches found!
node 7 checked!...34 matches found!
node 8 checked!...35 matches found!
node 9 checked!...31 matches found!
node 10 checked!...34 matches found!
node 11 checked!...31 matches found!
node 12 checked!...36 matches found!
node 13 checked!...37 matches found!
node 14 checked!...34 matches found!
node 15 checked!...31 matches found!
node 16 checked!...36 matches found!
node 17 checked!...39 matches found!
node 18 checked!...32 matches found!
node 19 checked!...34 matches found!
node 20 checked!...30 matches found!
node 21 checked!...34 matches found!
node 22 checked!...31 matches found!
node 23 checked!...41 matches found!
node 24 checked!...38 matches found!
node 25 checked!...34 matches found!
node 26 checked!...31 matches found!
node 27 checked!...34 matches found!
node 28 checked!...32 matches found!
node 29 checked!...34 matches found!
node 30 checked!...36 matches found!

Voting array
--------------
[34 29 32 36 37 27 34 35 31 34 31 36 37 34 31 36 39 32 34 30 34 31 41 38 34
 31 34 32 34 36]

Putative nodes
------------
[13  5 24 23 17]

Best matching node from voting array
----------------------------------------
23

Presence of query node in putative nodes
----------------------------------------
Present


Node 5 -> query image 7
-----------------------

87 features detected!

Checking for matches...

node 1 checked!...30 matches found!
node 2 checked!...29 matches found!
node 3 checked!...33 matches found!
node 4 checked!...33 matches found!
node 5 checked!...32 matches found!
node 6 checked!...28 matches found!
node 7 checked!...27 matches found!
```

```
node 8 checked!...32 matches found!
node 9 checked!...30 matches found!
node 10 checked!...34 matches found!
node 11 checked!...30 matches found!
node 12 checked!...33 matches found!
node 13 checked!...30 matches found!
node 14 checked!...31 matches found!
node 15 checked!...29 matches found!
node 16 checked!...34 matches found!
node 17 checked!...35 matches found!
node 18 checked!...33 matches found!
node 19 checked!...30 matches found!
node 20 checked!...29 matches found!
node 21 checked!...34 matches found!
node 22 checked!...29 matches found!
node 23 checked!...34 matches found!
node 24 checked!...29 matches found!
node 25 checked!...27 matches found!
node 26 checked!...33 matches found!
node 27 checked!...31 matches found!
node 28 checked!...33 matches found!
node 29 checked!...29 matches found!
node 30 checked!...33 matches found!
```

```
Voting array
--------------
[30 29 33 33 32 28 27 32 30 34 30 33 30 31 29 34 35 33 30 29 34 29 34 29 27
 33 31 33 29 33]
```

```
Putative nodes
--------------
[16 23 17 10 21]
```

```
Best matching node from voting array
----------------------------------------
17
```

```
Presence of query node in putative nodes
----------------------------------------
Absent
```

```
Node 5 -> query image 8
-----------------------
```

```
80 features detected!
```

```
Checking for matches...
```

```
node 1 checked!...32 matches found!
node 2 checked!...35 matches found!
node 3 checked!...32 matches found!
node 4 checked!...38 matches found!
node 5 checked!...38 matches found!
node 6 checked!...34 matches found!
node 7 checked!...33 matches found!
node 8 checked!...41 matches found!
node 9 checked!...34 matches found!
node 10 checked!...34 matches found!
node 11 checked!...38 matches found!
node 12 checked!...33 matches found!
node 13 checked!...37 matches found!
```

```
node 14 checked!...39 matches found!
node 15 checked!...35 matches found!
node 16 checked!...32 matches found!
node 17 checked!...37 matches found!
node 18 checked!...33 matches found!
node 19 checked!...34 matches found!
node 20 checked!...31 matches found!
node 21 checked!...36 matches found!
node 22 checked!...31 matches found!
node 23 checked!...36 matches found!
node 24 checked!...36 matches found!
node 25 checked!...32 matches found!
node 26 checked!...35 matches found!
node 27 checked!...37 matches found!
node 28 checked!...39 matches found!
node 29 checked!...35 matches found!
node 30 checked!...37 matches found!


Voting array
--------------
[32 35 32 38 38 34 33 41 34 34 38 33 37 39 35 32 37 33 34 31 36 31 36 36 32
 35 37 39 35 37]

Putative nodes
------------
[11 14 28  8  5]

Best matching node from voting array
----------------------------------------
8

Presence of query node in putative nodes
----------------------------------------
Present


Node 5 -> query image 9
-----------------------

76 features detected!

Checking for matches...

node 1 checked!...25 matches found!
node 2 checked!...28 matches found!
node 3 checked!...32 matches found!
node 4 checked!...40 matches found!
node 5 checked!...31 matches found!
node 6 checked!...25 matches found!
node 7 checked!...26 matches found!
node 8 checked!...32 matches found!
node 9 checked!...32 matches found!
node 10 checked!...31 matches found!
node 11 checked!...35 matches found!
node 12 checked!...31 matches found!
node 13 checked!...31 matches found!
node 14 checked!...34 matches found!
node 15 checked!...34 matches found!
node 16 checked!...34 matches found!
node 17 checked!...38 matches found!
node 18 checked!...33 matches found!
node 19 checked!...31 matches found!
```

```
node 20 checked!...32 matches found!
node 21 checked!...39 matches found!
node 22 checked!...30 matches found!
node 23 checked!...35 matches found!
node 24 checked!...28 matches found!
node 25 checked!...28 matches found!
node 26 checked!...29 matches found!
node 27 checked!...34 matches found!
node 28 checked!...34 matches found!
node 29 checked!...27 matches found!
node 30 checked!...32 matches found!

Voting array
--------------
[25 28 32 40 31 25 26 32 32 31 35 31 31 34 34 34 38 33 31 32 39 30 35 28 28
 29 34 34 27 32]

Putative nodes
------------
[23  4 11 21 17]

Best matching node from voting array
----------------------------------------
4

Presence of query node in putative nodes
----------------------------------------
Absent


Node 5 -> query image 10
------------------------

91 features detected!

Checking for matches...

node 1 checked!...31 matches found!
node 2 checked!...30 matches found!
node 3 checked!...34 matches found!
node 4 checked!...32 matches found!
node 5 checked!...38 matches found!
node 6 checked!...31 matches found!
node 7 checked!...35 matches found!
node 8 checked!...35 matches found!
node 9 checked!...29 matches found!
node 10 checked!...33 matches found!
node 11 checked!...31 matches found!
node 12 checked!...33 matches found!
node 13 checked!...33 matches found!
node 14 checked!...33 matches found!
node 15 checked!...31 matches found!
node 16 checked!...33 matches found!
node 17 checked!...37 matches found!
node 18 checked!...35 matches found!
node 19 checked!...33 matches found!
node 20 checked!...29 matches found!
node 21 checked!...33 matches found!
node 22 checked!...36 matches found!
node 23 checked!...38 matches found!
node 24 checked!...35 matches found!
node 25 checked!...31 matches found!
```

```
node 26 checked!...38 matches found!
node 27 checked!...32 matches found!
node 28 checked!...33 matches found!
node 29 checked!...32 matches found!
node 30 checked!...30 matches found!

Voting array
--------------
[31 30 34 32 38 31 35 35 29 33 31 33 33 33 31 33 37 35 33 29 33 36 38 35 31
 38 32 33 32 30]

Putative nodes
------------
[22 17 26  5 23]

Best matching node from voting array
----------------------------------------
5

Presence of query node in putative nodes
----------------------------------------
Present


Node 5 -> query image 11
------------------------

98 features detected!

Checking for matches...

node 1 checked!...35 matches found!
node 2 checked!...30 matches found!
node 3 checked!...36 matches found!
node 4 checked!...43 matches found!
node 5 checked!...40 matches found!
node 6 checked!...31 matches found!
node 7 checked!...36 matches found!
node 8 checked!...36 matches found!
node 9 checked!...35 matches found!
node 10 checked!...34 matches found!
node 11 checked!...32 matches found!
node 12 checked!...36 matches found!
node 13 checked!...36 matches found!
node 14 checked!...31 matches found!
node 15 checked!...33 matches found!
node 16 checked!...38 matches found!
node 17 checked!...39 matches found!
node 18 checked!...30 matches found!
node 19 checked!...36 matches found!
node 20 checked!...33 matches found!
node 21 checked!...41 matches found!
node 22 checked!...36 matches found!
node 23 checked!...43 matches found!
node 24 checked!...36 matches found!
node 25 checked!...33 matches found!
node 26 checked!...34 matches found!
node 27 checked!...42 matches found!
node 28 checked!...35 matches found!
node 29 checked!...35 matches found!
node 30 checked!...37 matches found!
```

Voting array

[35 30 36 43 40 31 36 36 35 34 32 36 36 31 33 38 39 30 36 33 41 36 43 36 33
 34 42 35 35 37]

Putative nodes

[5 21 27 23 4]

Best matching node from voting array

4

Presence of query node in putative nodes

Present

Node 5 -> query image 12
----

80 features detected!

Checking for matches...

node 1 checked!...28 matches found!
node 2 checked!...30 matches found!
node 3 checked!...28 matches found!
node 4 checked!...35 matches found!
node 5 checked!...35 matches found!
node 6 checked!...28 matches found!
node 7 checked!...30 matches found!
node 8 checked!...33 matches found!
node 9 checked!...23 matches found!
node 10 checked!...27 matches found!
node 11 checked!...31 matches found!
node 12 checked!...29 matches found!
node 13 checked!...32 matches found!
node 14 checked!...29 matches found!
node 15 checked!...31 matches found!
node 16 checked!...34 matches found!
node 17 checked!...31 matches found!
node 18 checked!...32 matches found!
node 19 checked!...31 matches found!
node 20 checked!...28 matches found!
node 21 checked!...36 matches found!
node 22 checked!...27 matches found!
node 23 checked!...29 matches found!
node 24 checked!...29 matches found!
node 25 checked!...28 matches found!
node 26 checked!...30 matches found!
node 27 checked!...30 matches found!
node 28 checked!...29 matches found!
node 29 checked!...30 matches found!
node 30 checked!...35 matches found!

Voting array

[28 30 28 35 35 28 30 33 23 27 31 29 32 29 31 34 31 32 31 28 36 27 29 29 28
 30 30 29 30 35]

Putative nodes

```
------------
[16 21  5  4 30]

Best matching node from voting array
-----------------------------------------
21

Presence of query node in putative nodes
-----------------------------------------
Present


Node 5 -> query image 13
------------------------

0 features detected!

Checking for matches...

node 1 checked!...0 matches found!
node 2 checked!...0 matches found!
node 3 checked!...0 matches found!
node 4 checked!...0 matches found!
node 5 checked!...0 matches found!
node 6 checked!...0 matches found!
node 7 checked!...0 matches found!
node 8 checked!...0 matches found!
node 9 checked!...0 matches found!
node 10 checked!...0 matches found!
node 11 checked!...0 matches found!
node 12 checked!...0 matches found!
node 13 checked!...0 matches found!
node 14 checked!...0 matches found!
node 15 checked!...0 matches found!
node 16 checked!...0 matches found!
node 17 checked!...0 matches found!
node 18 checked!...0 matches found!
node 19 checked!...0 matches found!
node 20 checked!...0 matches found!
node 21 checked!...0 matches found!
node 22 checked!...0 matches found!
node 23 checked!...0 matches found!
node 24 checked!...0 matches found!
node 25 checked!...0 matches found!
node 26 checked!...0 matches found!
node 27 checked!...0 matches found!
node 28 checked!...0 matches found!
node 29 checked!...0 matches found!
node 30 checked!...0 matches found!

Voting array
--------------
[0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0]

Unable to predict a matching node and putative nodes!

Node 5 -> query image 14
------------------------

68 features detected!

Checking for matches...
```

```
node 1 checked!...27 matches found!
node 2 checked!...28 matches found!
node 3 checked!...33 matches found!
node 4 checked!...34 matches found!
node 5 checked!...30 matches found!
node 6 checked!...26 matches found!
node 7 checked!...27 matches found!
node 8 checked!...32 matches found!
node 9 checked!...33 matches found!
node 10 checked!...26 matches found!
node 11 checked!...32 matches found!
node 12 checked!...27 matches found!
node 13 checked!...32 matches found!
node 14 checked!...28 matches found!
node 15 checked!...31 matches found!
node 16 checked!...30 matches found!
node 17 checked!...31 matches found!
node 18 checked!...33 matches found!
node 19 checked!...30 matches found!
node 20 checked!...29 matches found!
node 21 checked!...32 matches found!
node 22 checked!...26 matches found!
node 23 checked!...30 matches found!
node 24 checked!...29 matches found!
node 25 checked!...27 matches found!
node 26 checked!...30 matches found!
node 27 checked!...34 matches found!
node 28 checked!...31 matches found!
node 29 checked!...24 matches found!
node 30 checked!...30 matches found!

Voting array
--------------
[27 28 33 34 30 26 27 32 33 26 32 27 32 28 31 30 31 33 30 29 32 26 30 29 27
 30 34 31 24 30]

Putative nodes
------------
[ 3  9 27 18  4]

Best matching node from voting array
----------------------------------------
4

Presence of query node in putative nodes
----------------------------------------
Absent


Node 5 -> query image 15
------------------------

77 features detected!

Checking for matches...

node 1 checked!...26 matches found!
node 2 checked!...24 matches found!
node 3 checked!...30 matches found!
node 4 checked!...38 matches found!
node 5 checked!...35 matches found!
```

```
node 6 checked!...31 matches found!
node 7 checked!...30 matches found!
node 8 checked!...35 matches found!
node 9 checked!...27 matches found!
node 10 checked!...29 matches found!
node 11 checked!...32 matches found!
node 12 checked!...30 matches found!
node 13 checked!...29 matches found!
node 14 checked!...25 matches found!
node 15 checked!...24 matches found!
node 16 checked!...29 matches found!
node 17 checked!...34 matches found!
node 18 checked!...27 matches found!
node 19 checked!...31 matches found!
node 20 checked!...30 matches found!
node 21 checked!...29 matches found!
node 22 checked!...27 matches found!
node 23 checked!...33 matches found!
node 24 checked!...34 matches found!
node 25 checked!...34 matches found!
node 26 checked!...29 matches found!
node 27 checked!...30 matches found!
node 28 checked!...28 matches found!
node 29 checked!...32 matches found!
node 30 checked!...31 matches found!


Voting array
--------------
[26 24 30 38 35 31 30 35 27 29 32 30 29 25 24 29 34 27 31 30 29 27 33 34 34
 29 30 28 32 31]

Putative nodes
------------
[24 25  5  8  4]

Best matching node from voting array
----------------------------------------
4

Presence of query node in putative nodes
----------------------------------------
Present


Node 5 -> query image 16
-----------------------

86 features detected!

Checking for matches...

node 1 checked!...34 matches found!
node 2 checked!...35 matches found!
node 3 checked!...29 matches found!
node 4 checked!...38 matches found!
node 5 checked!...36 matches found!
node 6 checked!...30 matches found!
node 7 checked!...30 matches found!
node 8 checked!...39 matches found!
node 9 checked!...28 matches found!
node 10 checked!...33 matches found!
node 11 checked!...32 matches found!
```

```
node 12 checked!...32 matches found!
node 13 checked!...33 matches found!
node 14 checked!...31 matches found!
node 15 checked!...29 matches found!
node 16 checked!...31 matches found!
node 17 checked!...39 matches found!
node 18 checked!...28 matches found!
node 19 checked!...32 matches found!
node 20 checked!...31 matches found!
node 21 checked!...35 matches found!
node 22 checked!...28 matches found!
node 23 checked!...38 matches found!
node 24 checked!...34 matches found!
node 25 checked!...29 matches found!
node 26 checked!...34 matches found!
node 27 checked!...37 matches found!
node 28 checked!...31 matches found!
node 29 checked!...26 matches found!
node 30 checked!...34 matches found!
```

Voting array

[34 35 29 38 36 30 30 39 28 33 32 32 33 31 29 31 39 28 32 31 35 28 38 34 29
 34 37 31 26 34]

Putative nodes

[27 23 4 17 8]

Best matching node from voting array

8

Presence of query node in putative nodes

Absent

Node 5 -> query image 17
----

82 features detected!

Checking for matches...

```
node 1 checked!...32 matches found!
node 2 checked!...33 matches found!
node 3 checked!...33 matches found!
node 4 checked!...38 matches found!
node 5 checked!...39 matches found!
node 6 checked!...32 matches found!
node 7 checked!...30 matches found!
node 8 checked!...40 matches found!
node 9 checked!...30 matches found!
node 10 checked!...34 matches found!
node 11 checked!...37 matches found!
node 12 checked!...33 matches found!
node 13 checked!...37 matches found!
node 14 checked!...36 matches found!
node 15 checked!...33 matches found!
node 16 checked!...35 matches found!
node 17 checked!...37 matches found!
```

```
node 18 checked!...32 matches found!
node 19 checked!...36 matches found!
node 20 checked!...33 matches found!
node 21 checked!...37 matches found!
node 22 checked!...32 matches found!
node 23 checked!...36 matches found!
node 24 checked!...35 matches found!
node 25 checked!...33 matches found!
node 26 checked!...34 matches found!
node 27 checked!...35 matches found!
node 28 checked!...39 matches found!
node 29 checked!...33 matches found!
node 30 checked!...38 matches found!
```

Voting array

[32 33 33 38 39 32 30 40 30 34 37 33 37 36 33 35 37 32 36 33 37 32 36 35 33
 34 35 39 33 38]

Putative nodes

[30 4 28 8 5]

Best matching node from voting array

8

Presence of query node in putative nodes

Present

Node 5 -> query image 18
----

91 features detected!

Checking for matches...

```
node 1 checked!...34 matches found!
node 2 checked!...35 matches found!
node 3 checked!...35 matches found!
node 4 checked!...39 matches found!
node 5 checked!...41 matches found!
node 6 checked!...34 matches found!
node 7 checked!...32 matches found!
node 8 checked!...40 matches found!
node 9 checked!...31 matches found!
node 10 checked!...35 matches found!
node 11 checked!...39 matches found!
node 12 checked!...32 matches found!
node 13 checked!...39 matches found!
node 14 checked!...35 matches found!
node 15 checked!...36 matches found!
node 16 checked!...38 matches found!
node 17 checked!...35 matches found!
node 18 checked!...33 matches found!
node 19 checked!...38 matches found!
node 20 checked!...36 matches found!
node 21 checked!...39 matches found!
node 22 checked!...33 matches found!
node 23 checked!...37 matches found!
```

```
node 24 checked!...36 matches found!
node 25 checked!...33 matches found!
node 26 checked!...36 matches found!
node 27 checked!...36 matches found!
node 28 checked!...41 matches found!
node 29 checked!...35 matches found!
node 30 checked!...40 matches found!

Voting array
--------------
[34 35 35 39 41 34 32 40 31 35 39 32 39 35 36 38 35 33 38 36 39 33 37 36 33
 36 36 41 35 40]

Putative nodes
------------
[13 30  8  5 28]

Best matching node from voting array
----------------------------------------
5

Presence of query node in putative nodes
----------------------------------------
Present


Node 5 -> query image 19
------------------------

95 features detected!

Checking for matches...

node 1 checked!...30 matches found!
node 2 checked!...35 matches found!
node 3 checked!...36 matches found!
node 4 checked!...36 matches found!
node 5 checked!...38 matches found!
node 6 checked!...32 matches found!
node 7 checked!...30 matches found!
node 8 checked!...35 matches found!
node 9 checked!...26 matches found!
node 10 checked!...33 matches found!
node 11 checked!...28 matches found!
node 12 checked!...28 matches found!
node 13 checked!...36 matches found!
node 14 checked!...35 matches found!
node 15 checked!...31 matches found!
node 16 checked!...34 matches found!
node 17 checked!...30 matches found!
node 18 checked!...33 matches found!
node 19 checked!...32 matches found!
node 20 checked!...37 matches found!
node 21 checked!...34 matches found!
node 22 checked!...32 matches found!
node 23 checked!...41 matches found!
node 24 checked!...33 matches found!
node 25 checked!...26 matches found!
node 26 checked!...35 matches found!
node 27 checked!...36 matches found!
node 28 checked!...35 matches found!
node 29 checked!...27 matches found!
```

node 30 checked!...33 matches found!

Voting array

[30 35 36 36 38 32 30 35 26 33 28 28 36 35 31 34 30 33 32 37 34 32 41 33 26
 35 36 35 27 33]

Putative nodes

[3 13 20 5 23]

Best matching node from voting array

23

Presence of query node in putative nodes

Present

Node 5 -> query image 20
----

90 features detected!

Checking for matches...

node 1 checked!...33 matches found!
node 2 checked!...34 matches found!
node 3 checked!...34 matches found!
node 4 checked!...39 matches found!
node 5 checked!...38 matches found!
node 6 checked!...32 matches found!
node 7 checked!...34 matches found!
node 8 checked!...37 matches found!
node 9 checked!...34 matches found!
node 10 checked!...30 matches found!
node 11 checked!...37 matches found!
node 12 checked!...36 matches found!
node 13 checked!...37 matches found!
node 14 checked!...35 matches found!
node 15 checked!...31 matches found!
node 16 checked!...34 matches found!
node 17 checked!...40 matches found!
node 18 checked!...33 matches found!
node 19 checked!...34 matches found!
node 20 checked!...33 matches found!
node 21 checked!...34 matches found!
node 22 checked!...33 matches found!
node 23 checked!...39 matches found!
node 24 checked!...35 matches found!
node 25 checked!...31 matches found!
node 26 checked!...33 matches found!
node 27 checked!...38 matches found!
node 28 checked!...33 matches found!
node 29 checked!...34 matches found!
node 30 checked!...38 matches found!

Voting array

[33 34 34 39 38 32 34 37 34 30 37 36 37 35 31 34 40 33 34 33 34 33 39 35 31
 33 38 33 34 38]

Putative nodes

[30 5 17 4 23]

Best matching node from voting array

17

Presence of query node in putative nodes

Present

Node 5 -> query image 21
----

88 features detected!

Checking for matches...

node 1 checked!...21 matches found!
node 2 checked!...27 matches found!
node 3 checked!...28 matches found!
node 4 checked!...33 matches found!
node 5 checked!...32 matches found!
node 6 checked!...25 matches found!
node 7 checked!...24 matches found!
node 8 checked!...28 matches found!
node 9 checked!...26 matches found!
node 10 checked!...27 matches found!
node 11 checked!...33 matches found!
node 12 checked!...21 matches found!
node 13 checked!...30 matches found!
node 14 checked!...29 matches found!
node 15 checked!...28 matches found!
node 16 checked!...27 matches found!
node 17 checked!...33 matches found!
node 18 checked!...27 matches found!
node 19 checked!...32 matches found!
node 20 checked!...28 matches found!
node 21 checked!...29 matches found!
node 22 checked!...27 matches found!
node 23 checked!...34 matches found!
node 24 checked!...30 matches found!
node 25 checked!...32 matches found!
node 26 checked!...35 matches found!
node 27 checked!...29 matches found!
node 28 checked!...26 matches found!
node 29 checked!...31 matches found!
node 30 checked!...29 matches found!

Voting array

[21 27 28 33 32 25 24 28 26 27 33 21 30 29 28 27 33 27 32 28 29 27 34 30 32
 35 29 26 31 29]

Putative nodes

[11 4 17 23 26]

Best matching node from voting array

```
----------------------------------------
26

Presence of query node in putative nodes
----------------------------------------
Absent


Node 5 -> query image 22
------------------------

94 features detected!

Checking for matches...

node 1 checked!...36 matches found!
node 2 checked!...35 matches found!
node 3 checked!...39 matches found!
node 4 checked!...43 matches found!
node 5 checked!...40 matches found!
node 6 checked!...35 matches found!
node 7 checked!...30 matches found!
node 8 checked!...37 matches found!
node 9 checked!...31 matches found!
node 10 checked!...39 matches found!
node 11 checked!...35 matches found!
node 12 checked!...31 matches found!
node 13 checked!...38 matches found!
node 14 checked!...37 matches found!
node 15 checked!...34 matches found!
node 16 checked!...38 matches found!
node 17 checked!...34 matches found!
node 18 checked!...38 matches found!
node 19 checked!...39 matches found!
node 20 checked!...40 matches found!
node 21 checked!...41 matches found!
node 22 checked!...39 matches found!
node 23 checked!...41 matches found!
node 24 checked!...35 matches found!
node 25 checked!...35 matches found!
node 26 checked!...34 matches found!
node 27 checked!...40 matches found!
node 28 checked!...39 matches found!
node 29 checked!...34 matches found!
node 30 checked!...35 matches found!

Voting array
--------------
[36 35 39 43 40 35 30 37 31 39 35 31 38 37 34 38 34 38 39 40 41 39 41 35 35
 34 40 39 34 35]

Putative nodes
------------
[20  5 23  4 21]

Best matching node from voting array
----------------------------------------
4

Presence of query node in putative nodes
----------------------------------------
Present
```

Node 5 -> query image 23
----

84 features detected!

Checking for matches...

node 1 checked!...37 matches found!
node 2 checked!...35 matches found!
node 3 checked!...36 matches found!
node 4 checked!...36 matches found!
node 5 checked!...40 matches found!
node 6 checked!...31 matches found!
node 7 checked!...32 matches found!
node 8 checked!...37 matches found!
node 9 checked!...30 matches found!
node 10 checked!...36 matches found!
node 11 checked!...33 matches found!
node 12 checked!...35 matches found!
node 13 checked!...36 matches found!
node 14 checked!...34 matches found!
node 15 checked!...31 matches found!
node 16 checked!...33 matches found!
node 17 checked!...35 matches found!
node 18 checked!...34 matches found!
node 19 checked!...39 matches found!
node 20 checked!...38 matches found!
node 21 checked!...38 matches found!
node 22 checked!...33 matches found!
node 23 checked!...41 matches found!
node 24 checked!...40 matches found!
node 25 checked!...34 matches found!
node 26 checked!...37 matches found!
node 27 checked!...39 matches found!
node 28 checked!...42 matches found!
node 29 checked!...29 matches found!
node 30 checked!...37 matches found!

Voting array

[37 35 36 36 40 31 32 37 30 36 33 35 36 34 31 33 35 34 39 38 38 33 41 40 34
 37 39 42 29 37]

Putative nodes

[19 23 28 5 24]

Best matching node from voting array

28

Presence of query node in putative nodes

Present

Node 5 -> query image 24
----

99 features detected!

Checking for matches...

node 1 checked!...32 matches found!
node 2 checked!...37 matches found!
node 3 checked!...36 matches found!
node 4 checked!...42 matches found!
node 5 checked!...42 matches found!
node 6 checked!...34 matches found!
node 7 checked!...33 matches found!
node 8 checked!...40 matches found!
node 9 checked!...37 matches found!
node 10 checked!...32 matches found!
node 11 checked!...38 matches found!
node 12 checked!...35 matches found!
node 13 checked!...37 matches found!
node 14 checked!...36 matches found!
node 15 checked!...32 matches found!
node 16 checked!...35 matches found!
node 17 checked!...39 matches found!
node 18 checked!...36 matches found!
node 19 checked!...35 matches found!
node 20 checked!...33 matches found!
node 21 checked!...33 matches found!
node 22 checked!...34 matches found!
node 23 checked!...39 matches found!
node 24 checked!...38 matches found!
node 25 checked!...33 matches found!
node 26 checked!...32 matches found!
node 27 checked!...42 matches found!
node 28 checked!...34 matches found!
node 29 checked!...36 matches found!
node 30 checked!...38 matches found!

Voting array

[32 37 36 42 42 34 33 40 37 32 38 35 37 36 32 35 39 36 35 33 33 34 39 38 33
 32 42 34 36 38]

Putative nodes

[23 8 4 27 5]

Best matching node from voting array

4

Presence of query node in putative nodes

Present

Node 5 -> query image 25
----

98 features detected!

Checking for matches...

node 1 checked!...29 matches found!
node 2 checked!...31 matches found!
node 3 checked!...29 matches found!

```
node 4 checked!...41 matches found!
node 5 checked!...42 matches found!
node 6 checked!...35 matches found!
node 7 checked!...29 matches found!
node 8 checked!...36 matches found!
node 9 checked!...29 matches found!
node 10 checked!...31 matches found!
node 11 checked!...36 matches found!
node 12 checked!...31 matches found!
node 13 checked!...33 matches found!
node 14 checked!...33 matches found!
node 15 checked!...28 matches found!
node 16 checked!...34 matches found!
node 17 checked!...38 matches found!
node 18 checked!...32 matches found!
node 19 checked!...33 matches found!
node 20 checked!...32 matches found!
node 21 checked!...40 matches found!
node 22 checked!...32 matches found!
node 23 checked!...36 matches found!
node 24 checked!...33 matches found!
node 25 checked!...35 matches found!
node 26 checked!...36 matches found!
node 27 checked!...33 matches found!
node 28 checked!...34 matches found!
node 29 checked!...30 matches found!
node 30 checked!...33 matches found!

Voting array
--------------
[29 31 29 41 42 35 29 36 29 31 36 31 33 33 28 34 38 32 33 32 40 32 36 33 35
 36 33 34 30 33]

Putative nodes
------------
[26 17 21  4  5]

Best matching node from voting array
----------------------------------------
5

Presence of query node in putative nodes
----------------------------------------
Present


Node 5 -> query image 26
------------------------

91 features detected!

Checking for matches...

node 1 checked!...39 matches found!
node 2 checked!...36 matches found!
node 3 checked!...40 matches found!
node 4 checked!...42 matches found!
node 5 checked!...44 matches found!
node 6 checked!...37 matches found!
node 7 checked!...34 matches found!
node 8 checked!...38 matches found!
node 9 checked!...32 matches found!
```

```
node 10 checked!...37 matches found!
node 11 checked!...37 matches found!
node 12 checked!...35 matches found!
node 13 checked!...42 matches found!
node 14 checked!...38 matches found!
node 15 checked!...40 matches found!
node 16 checked!...39 matches found!
node 17 checked!...35 matches found!
node 18 checked!...39 matches found!
node 19 checked!...36 matches found!
node 20 checked!...38 matches found!
node 21 checked!...42 matches found!
node 22 checked!...42 matches found!
node 23 checked!...39 matches found!
node 24 checked!...38 matches found!
node 25 checked!...37 matches found!
node 26 checked!...34 matches found!
node 27 checked!...37 matches found!
node 28 checked!...38 matches found!
node 29 checked!...33 matches found!
node 30 checked!...38 matches found!


Voting array
--------------
[39 36 40 42 44 37 34 38 32 37 37 35 42 38 40 39 35 39 36 38 42 42 39 38 37
 34 37 38 33 38]

Putative nodes
------------
[ 4 22  5 21 13]

Best matching node from voting array
----------------------------------------
5

Presence of query node in putative nodes
----------------------------------------
Present


Node 5 -> query image 27
------------------------

96 features detected!

Checking for matches...

node 1 checked!...37 matches found!
node 2 checked!...31 matches found!
node 3 checked!...43 matches found!
node 4 checked!...40 matches found!
node 5 checked!...42 matches found!
node 6 checked!...34 matches found!
node 7 checked!...29 matches found!
node 8 checked!...34 matches found!
node 9 checked!...34 matches found!
node 10 checked!...40 matches found!
node 11 checked!...32 matches found!
node 12 checked!...32 matches found!
node 13 checked!...33 matches found!
node 14 checked!...32 matches found!
node 15 checked!...33 matches found!
```

```
node 16 checked!...36 matches found!
node 17 checked!...35 matches found!
node 18 checked!...36 matches found!
node 19 checked!...33 matches found!
node 20 checked!...38 matches found!
node 21 checked!...39 matches found!
node 22 checked!...32 matches found!
node 23 checked!...38 matches found!
node 24 checked!...38 matches found!
node 25 checked!...35 matches found!
node 26 checked!...34 matches found!
node 27 checked!...36 matches found!
node 28 checked!...37 matches found!
node 29 checked!...35 matches found!
node 30 checked!...33 matches found!

Voting array
--------------
[37 31 43 40 42 34 29 34 34 40 32 32 33 32 33 36 35 36 33 38 39 32 38 38 35
 34 36 37 35 33]

Putative nodes
------------
[21  3  4  5 10]

Best matching node from voting array
----------------------------------------
3

Presence of query node in putative nodes
----------------------------------------
Present


Node 5 -> query image 28
------------------------

95 features detected!

Checking for matches...

node 1 checked!...29 matches found!
node 2 checked!...35 matches found!
node 3 checked!...33 matches found!
node 4 checked!...37 matches found!
node 5 checked!...41 matches found!
node 6 checked!...30 matches found!
node 7 checked!...26 matches found!
node 8 checked!...36 matches found!
node 9 checked!...32 matches found!
node 10 checked!...33 matches found!
node 11 checked!...36 matches found!
node 12 checked!...34 matches found!
node 13 checked!...35 matches found!
node 14 checked!...34 matches found!
node 15 checked!...32 matches found!
node 16 checked!...34 matches found!
node 17 checked!...37 matches found!
node 18 checked!...29 matches found!
node 19 checked!...38 matches found!
node 20 checked!...30 matches found!
node 21 checked!...33 matches found!
```

```
node 22 checked!...29 matches found!
node 23 checked!...39 matches found!
node 24 checked!...32 matches found!
node 25 checked!...28 matches found!
node 26 checked!...32 matches found!
node 27 checked!...36 matches found!
node 28 checked!...32 matches found!
node 29 checked!...34 matches found!
node 30 checked!...34 matches found!
```

```
Voting array
--------------
[29 35 33 37 41 30 26 36 32 33 36 34 35 34 32 34 37 29 38 30 33 29 39 32 28
 32 36 32 34 34]
```

```
Putative nodes
------------
[17  4 19 23  5]
```

```
Best matching node from voting array
----------------------------------------
5
```

```
Presence of query node in putative nodes
----------------------------------------
Present
```

```
Node 5 -> query image 29
------------------------
```

```
94 features detected!
```

```
Checking for matches...
```

```
node 1 checked!...29 matches found!
node 2 checked!...31 matches found!
node 3 checked!...29 matches found!
node 4 checked!...40 matches found!
node 5 checked!...40 matches found!
node 6 checked!...33 matches found!
node 7 checked!...30 matches found!
node 8 checked!...37 matches found!
node 9 checked!...29 matches found!
node 10 checked!...33 matches found!
node 11 checked!...33 matches found!
node 12 checked!...30 matches found!
node 13 checked!...33 matches found!
node 14 checked!...30 matches found!
node 15 checked!...29 matches found!
node 16 checked!...33 matches found!
node 17 checked!...39 matches found!
node 18 checked!...32 matches found!
node 19 checked!...33 matches found!
node 20 checked!...29 matches found!
node 21 checked!...40 matches found!
node 22 checked!...30 matches found!
node 23 checked!...37 matches found!
node 24 checked!...30 matches found!
node 25 checked!...32 matches found!
node 26 checked!...35 matches found!
node 27 checked!...33 matches found!
```

```
node 28 checked!...32 matches found!
node 29 checked!...32 matches found!
node 30 checked!...31 matches found!

Voting array
--------------
[29 31 29 40 40 33 30 37 29 33 33 30 33 30 29 33 39 32 33 29 40 30 37 30 32
 35 33 32 32 31]

Putative nodes
------------
[23 17 21  4  5]

Best matching node from voting array
----------------------------------------
4

Presence of query node in putative nodes
----------------------------------------
Present


Node 5 -> query image 30
------------------------

100 features detected!

Checking for matches...

node 1 checked!...42 matches found!
node 2 checked!...36 matches found!
node 3 checked!...43 matches found!
node 4 checked!...43 matches found!
node 5 checked!...45 matches found!
node 6 checked!...38 matches found!
node 7 checked!...35 matches found!
node 8 checked!...36 matches found!
node 9 checked!...35 matches found!
node 10 checked!...42 matches found!
node 11 checked!...38 matches found!
node 12 checked!...37 matches found!
node 13 checked!...41 matches found!
node 14 checked!...39 matches found!
node 15 checked!...42 matches found!
node 16 checked!...40 matches found!
node 17 checked!...36 matches found!
node 18 checked!...40 matches found!
node 19 checked!...39 matches found!
node 20 checked!...42 matches found!
node 21 checked!...44 matches found!
node 22 checked!...38 matches found!
node 23 checked!...43 matches found!
node 24 checked!...39 matches found!
node 25 checked!...37 matches found!
node 26 checked!...38 matches found!
node 27 checked!...42 matches found!
node 28 checked!...39 matches found!
node 29 checked!...34 matches found!
node 30 checked!...41 matches found!

Voting array
--------------
```

```
[42 36 43 43 45 38 35 36 35 42 38 37 41 39 42 40 36 40 39 42 44 38 43 39 37
 38 42 39 34 41]
```

Putative nodes

```
[ 3  4 23  5 21]
```

Best matching node from voting array

5

Presence of query node in putative nodes

Present

Node 5 -> query image 31
----

100 features detected!

Checking for matches...

```
node 1 checked!...30 matches found!
node 2 checked!...35 matches found!
node 3 checked!...39 matches found!
node 4 checked!...39 matches found!
node 5 checked!...42 matches found!
node 6 checked!...35 matches found!
node 7 checked!...34 matches found!
node 8 checked!...34 matches found!
node 9 checked!...36 matches found!
node 10 checked!...35 matches found!
node 11 checked!...29 matches found!
node 12 checked!...30 matches found!
node 13 checked!...37 matches found!
node 14 checked!...29 matches found!
node 15 checked!...34 matches found!
node 16 checked!...33 matches found!
node 17 checked!...34 matches found!
node 18 checked!...35 matches found!
node 19 checked!...34 matches found!
node 20 checked!...35 matches found!
node 21 checked!...32 matches found!
node 22 checked!...29 matches found!
node 23 checked!...39 matches found!
node 24 checked!...35 matches found!
node 25 checked!...28 matches found!
node 26 checked!...37 matches found!
node 27 checked!...34 matches found!
node 28 checked!...35 matches found!
node 29 checked!...32 matches found!
node 30 checked!...33 matches found!
```

Voting array

```
[30 35 39 39 42 35 34 34 36 35 29 30 37 29 34 33 34 35 34 35 32 29 39 35 28
 37 34 35 32 33]
```

Putative nodes

```
[13 23  4  3  5]
```

Best matching node from voting array

5

Presence of query node in putative nodes

Present

Node 5 -> query image 32
----

63 features detected!

Checking for matches...

node 1 checked!...27 matches found!
node 2 checked!...28 matches found!
node 3 checked!...32 matches found!
node 4 checked!...34 matches found!
node 5 checked!...35 matches found!
node 6 checked!...27 matches found!
node 7 checked!...28 matches found!
node 8 checked!...29 matches found!
node 9 checked!...29 matches found!
node 10 checked!...30 matches found!
node 11 checked!...30 matches found!
node 12 checked!...31 matches found!
node 13 checked!...32 matches found!
node 14 checked!...31 matches found!
node 15 checked!...26 matches found!
node 16 checked!...28 matches found!
node 17 checked!...33 matches found!
node 18 checked!...31 matches found!
node 19 checked!...31 matches found!
node 20 checked!...24 matches found!
node 21 checked!...30 matches found!
node 22 checked!...26 matches found!
node 23 checked!...35 matches found!
node 24 checked!...30 matches found!
node 25 checked!...29 matches found!
node 26 checked!...30 matches found!
node 27 checked!...31 matches found!
node 28 checked!...32 matches found!
node 29 checked!...26 matches found!
node 30 checked!...30 matches found!

Voting array

[27 28 32 34 35 27 28 29 29 30 30 31 32 31 26 28 33 31 31 24 30 26 35 30 29
 30 31 32 26 30]

Putative nodes

[13 17 4 5 23]

Best matching node from voting array

5

Presence of query node in putative nodes

Present

Node 5 -> query image 33
----

82 features detected!

Checking for matches...

node 1 checked!...26 matches found!
node 2 checked!...27 matches found!
node 3 checked!...29 matches found!
node 4 checked!...34 matches found!
node 5 checked!...32 matches found!
node 6 checked!...29 matches found!
node 7 checked!...29 matches found!
node 8 checked!...34 matches found!
node 9 checked!...24 matches found!
node 10 checked!...25 matches found!
node 11 checked!...25 matches found!
node 12 checked!...30 matches found!
node 13 checked!...31 matches found!
node 14 checked!...28 matches found!
node 15 checked!...26 matches found!
node 16 checked!...34 matches found!
node 17 checked!...30 matches found!
node 18 checked!...29 matches found!
node 19 checked!...27 matches found!
node 20 checked!...27 matches found!
node 21 checked!...32 matches found!
node 22 checked!...29 matches found!
node 23 checked!...33 matches found!
node 24 checked!...31 matches found!
node 25 checked!...31 matches found!
node 26 checked!...31 matches found!
node 27 checked!...34 matches found!
node 28 checked!...33 matches found!
node 29 checked!...30 matches found!
node 30 checked!...35 matches found!

Voting array

[26 27 29 34 32 29 29 34 24 25 25 30 31 28 26 34 30 29 27 27 32 29 33 31 31
 31 34 33 30 35]

Putative nodes

[8 27 4 16 30]

Best matching node from voting array

30

Presence of query node in putative nodes

Absent

Node 5 -> query image 34
----

91 features detected!

Checking for matches...

node 1 checked!...36 matches found!
node 2 checked!...37 matches found!
node 3 checked!...35 matches found!
node 4 checked!...45 matches found!
node 5 checked!...43 matches found!
node 6 checked!...37 matches found!
node 7 checked!...32 matches found!
node 8 checked!...42 matches found!
node 9 checked!...31 matches found!
node 10 checked!...36 matches found!
node 11 checked!...35 matches found!
node 12 checked!...34 matches found!
node 13 checked!...37 matches found!
node 14 checked!...38 matches found!
node 15 checked!...37 matches found!
node 16 checked!...36 matches found!
node 17 checked!...43 matches found!
node 18 checked!...37 matches found!
node 19 checked!...34 matches found!
node 20 checked!...35 matches found!
node 21 checked!...41 matches found!
node 22 checked!...33 matches found!
node 23 checked!...41 matches found!
node 24 checked!...39 matches found!
node 25 checked!...33 matches found!
node 26 checked!...38 matches found!
node 27 checked!...36 matches found!
node 28 checked!...38 matches found!
node 29 checked!...34 matches found!
node 30 checked!...38 matches found!

Voting array

[36 37 35 45 43 37 32 42 31 36 35 34 37 38 37 36 43 37 34 35 41 33 41 39 33
 38 36 38 34 38]

Putative nodes

[21 8 5 4 17]

Best matching node from voting array

4

Presence of query node in putative nodes

Present

Node 5 -> query image 35
----

47 features detected!

Checking for matches...

node 1 checked!...23 matches found!

```
node 2 checked!...24 matches found!
node 3 checked!...25 matches found!
node 4 checked!...30 matches found!
node 5 checked!...27 matches found!
node 6 checked!...22 matches found!
node 7 checked!...21 matches found!
node 8 checked!...23 matches found!
node 9 checked!...21 matches found!
node 10 checked!...22 matches found!
node 11 checked!...25 matches found!
node 12 checked!...24 matches found!
node 13 checked!...26 matches found!
node 14 checked!...21 matches found!
node 15 checked!...23 matches found!
node 16 checked!...25 matches found!
node 17 checked!...23 matches found!
node 18 checked!...25 matches found!
node 19 checked!...23 matches found!
node 20 checked!...26 matches found!
node 21 checked!...26 matches found!
node 22 checked!...18 matches found!
node 23 checked!...25 matches found!
node 24 checked!...22 matches found!
node 25 checked!...24 matches found!
node 26 checked!...25 matches found!
node 27 checked!...24 matches found!
node 28 checked!...26 matches found!
node 29 checked!...21 matches found!
node 30 checked!...21 matches found!

Voting array
--------------
[23 24 25 30 27 22 21 23 21 22 25 24 26 21 23 25 23 25 23 26 26 18 25 22 24
 25 24 26 21 21]

Putative nodes
------------
[13  4  5 20 21]

Best matching node from voting array
----------------------------------------
4

Presence of query node in putative nodes
----------------------------------------
Present


Node 5 -> query image 36
------------------------

79 features detected!

Checking for matches...

node 1 checked!...30 matches found!
node 2 checked!...32 matches found!
node 3 checked!...30 matches found!
node 4 checked!...35 matches found!
node 5 checked!...35 matches found!
node 6 checked!...34 matches found!
node 7 checked!...32 matches found!
```

```
node 8 checked!...38 matches found!
node 9 checked!...30 matches found!
node 10 checked!...32 matches found!
node 11 checked!...30 matches found!
node 12 checked!...33 matches found!
node 13 checked!...30 matches found!
node 14 checked!...32 matches found!
node 15 checked!...33 matches found!
node 16 checked!...32 matches found!
node 17 checked!...35 matches found!
node 18 checked!...35 matches found!
node 19 checked!...34 matches found!
node 20 checked!...30 matches found!
node 21 checked!...32 matches found!
node 22 checked!...33 matches found!
node 23 checked!...35 matches found!
node 24 checked!...33 matches found!
node 25 checked!...27 matches found!
node 26 checked!...31 matches found!
node 27 checked!...34 matches found!
node 28 checked!...37 matches found!
node 29 checked!...33 matches found!
node 30 checked!...31 matches found!
```

Voting array

[30 32 30 35 35 34 32 38 30 32 30 33 30 32 33 32 35 35 34 30 32 33 35 33 27
 31 34 37 33 31]

Putative nodes

[17 18 23 28 8]

Best matching node from voting array

8

Presence of query node in putative nodes

Absent

Node 5 -> query image 37
----

55 features detected!

Checking for matches...

```
node 1 checked!...25 matches found!
node 2 checked!...25 matches found!
node 3 checked!...24 matches found!
node 4 checked!...31 matches found!
node 5 checked!...30 matches found!
node 6 checked!...26 matches found!
node 7 checked!...23 matches found!
node 8 checked!...27 matches found!
node 9 checked!...26 matches found!
node 10 checked!...27 matches found!
node 11 checked!...25 matches found!
node 12 checked!...28 matches found!
node 13 checked!...28 matches found!
```

```
node 14 checked!...29 matches found!
node 15 checked!...28 matches found!
node 16 checked!...28 matches found!
node 17 checked!...31 matches found!
node 18 checked!...30 matches found!
node 19 checked!...23 matches found!
node 20 checked!...30 matches found!
node 21 checked!...31 matches found!
node 22 checked!...23 matches found!
node 23 checked!...27 matches found!
node 24 checked!...25 matches found!
node 25 checked!...28 matches found!
node 26 checked!...30 matches found!
node 27 checked!...30 matches found!
node 28 checked!...29 matches found!
node 29 checked!...25 matches found!
node 30 checked!...25 matches found!


Voting array
--------------
[25 25 24 31 30 26 23 27 26 27 25 28 28 29 28 28 31 30 23 30 31 23 27 25 28
 30 30 29 25 25]

Putative nodes
------------
[26 20 17  4 21]

Best matching node from voting array
----------------------------------------
4

Presence of query node in putative nodes
----------------------------------------
Absent


Node 5 -> query image 38
------------------------

71 features detected!

Checking for matches...

node 1 checked!...25 matches found!
node 2 checked!...30 matches found!
node 3 checked!...28 matches found!
node 4 checked!...32 matches found!
node 5 checked!...28 matches found!
node 6 checked!...25 matches found!
node 7 checked!...22 matches found!
node 8 checked!...31 matches found!
node 9 checked!...24 matches found!
node 10 checked!...31 matches found!
node 11 checked!...34 matches found!
node 12 checked!...26 matches found!
node 13 checked!...28 matches found!
node 14 checked!...33 matches found!
node 15 checked!...29 matches found!
node 16 checked!...30 matches found!
node 17 checked!...30 matches found!
node 18 checked!...34 matches found!
node 19 checked!...25 matches found!
```

```
node 20 checked!...26 matches found!
node 21 checked!...31 matches found!
node 22 checked!...25 matches found!
node 23 checked!...30 matches found!
node 24 checked!...29 matches found!
node 25 checked!...26 matches found!
node 26 checked!...25 matches found!
node 27 checked!...25 matches found!
node 28 checked!...24 matches found!
node 29 checked!...21 matches found!
node 30 checked!...28 matches found!
```

Voting array

[25 30 28 32 28 25 22 31 24 31 34 26 28 33 29 30 30 34 25 26 31 25 30 29 26
 25 25 24 21 28]

Putative nodes

[10 4 14 18 11]

Best matching node from voting array

11

Presence of query node in putative nodes

Absent

Node 5 -> query image 39
----

72 features detected!

Checking for matches...

```
node 1 checked!...24 matches found!
node 2 checked!...24 matches found!
node 3 checked!...26 matches found!
node 4 checked!...28 matches found!
node 5 checked!...30 matches found!
node 6 checked!...21 matches found!
node 7 checked!...19 matches found!
node 8 checked!...26 matches found!
node 9 checked!...22 matches found!
node 10 checked!...24 matches found!
node 11 checked!...30 matches found!
node 12 checked!...20 matches found!
node 13 checked!...27 matches found!
node 14 checked!...28 matches found!
node 15 checked!...26 matches found!
node 16 checked!...31 matches found!
node 17 checked!...30 matches found!
node 18 checked!...31 matches found!
node 19 checked!...26 matches found!
node 20 checked!...26 matches found!
node 21 checked!...29 matches found!
node 22 checked!...21 matches found!
node 23 checked!...26 matches found!
node 24 checked!...22 matches found!
node 25 checked!...27 matches found!
```

```
node 26 checked!...27 matches found!
node 27 checked!...27 matches found!
node 28 checked!...31 matches found!
node 29 checked!...21 matches found!
node 30 checked!...28 matches found!

Voting array
--------------
[24 24 26 28 30 21 19 26 22 24 30 20 27 28 26 31 30 31 26 26 29 21 26 22 27
 27 27 31 21 28]

Putative nodes
------------
[ 5 18 28 16 11]

Best matching node from voting array
----------------------------------------
16

Presence of query node in putative nodes
----------------------------------------
Present


Node 5 -> query image 40
------------------------

9 features detected!

Checking for matches...

node 1 checked!...6 matches found!
node 2 checked!...6 matches found!
node 3 checked!...6 matches found!
node 4 checked!...6 matches found!
node 5 checked!...5 matches found!
node 6 checked!...6 matches found!
node 7 checked!...6 matches found!
node 8 checked!...6 matches found!
node 9 checked!...6 matches found!
node 10 checked!...6 matches found!
node 11 checked!...6 matches found!
node 12 checked!...6 matches found!
node 13 checked!...6 matches found!
node 14 checked!...6 matches found!
node 15 checked!...6 matches found!
node 16 checked!...5 matches found!
node 17 checked!...6 matches found!
node 18 checked!...6 matches found!
node 19 checked!...6 matches found!
node 20 checked!...6 matches found!
node 21 checked!...6 matches found!
node 22 checked!...6 matches found!
node 23 checked!...5 matches found!
node 24 checked!...6 matches found!
node 25 checked!...6 matches found!
node 26 checked!...6 matches found!
node 27 checked!...6 matches found!
node 28 checked!...6 matches found!
node 29 checked!...6 matches found!
node 30 checked!...6 matches found!
```

Voting array

[6 6 6 6 5 6 6 6 6 6 6 6 6 6 6 5 6 6 6 6 6 6 6 5 6 6 6 6 6 6 6]

Putative nodes

[11 14 12 10 30]

Best matching node from voting array

1

Presence of query node in putative nodes

Absent

 Node 5 testing completed!

Node 6 -> query image 1
----

0 features detected!

Checking for matches...

node 1 checked!...0 matches found!
node 2 checked!...0 matches found!
node 3 checked!...0 matches found!
node 4 checked!...0 matches found!
node 5 checked!...0 matches found!
node 6 checked!...0 matches found!
node 7 checked!...0 matches found!
node 8 checked!...0 matches found!
node 9 checked!...0 matches found!
node 10 checked!...0 matches found!
node 11 checked!...0 matches found!
node 12 checked!...0 matches found!
node 13 checked!...0 matches found!
node 14 checked!...0 matches found!
node 15 checked!...0 matches found!
node 16 checked!...0 matches found!
node 17 checked!...0 matches found!
node 18 checked!...0 matches found!
node 19 checked!...0 matches found!
node 20 checked!...0 matches found!
node 21 checked!...0 matches found!
node 22 checked!...0 matches found!
node 23 checked!...0 matches found!
node 24 checked!...0 matches found!
node 25 checked!...0 matches found!
node 26 checked!...0 matches found!
node 27 checked!...0 matches found!
node 28 checked!...0 matches found!
node 29 checked!...0 matches found!
node 30 checked!...0 matches found!

Voting array

[0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0]

Unable to predict a matching node and putative nodes!

Node 6 -> query image 2
----

0 features detected!

Checking for matches...

node 1 checked!...0 matches found!
node 2 checked!...0 matches found!
node 3 checked!...0 matches found!
node 4 checked!...0 matches found!
node 5 checked!...0 matches found!
node 6 checked!...0 matches found!
node 7 checked!...0 matches found!
node 8 checked!...0 matches found!
node 9 checked!...0 matches found!
node 10 checked!...0 matches found!
node 11 checked!...0 matches found!
node 12 checked!...0 matches found!
node 13 checked!...0 matches found!
node 14 checked!...0 matches found!
node 15 checked!...0 matches found!
node 16 checked!...0 matches found!
node 17 checked!...0 matches found!
node 18 checked!...0 matches found!
node 19 checked!...0 matches found!
node 20 checked!...0 matches found!
node 21 checked!...0 matches found!
node 22 checked!...0 matches found!
node 23 checked!...0 matches found!
node 24 checked!...0 matches found!
node 25 checked!...0 matches found!
node 26 checked!...0 matches found!
node 27 checked!...0 matches found!
node 28 checked!...0 matches found!
node 29 checked!...0 matches found!
node 30 checked!...0 matches found!

Voting array

[0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0]

Unable to predict a matching node and putative nodes!

Node 6 -> query image 3
----

2 features detected!

Checking for matches...

node 1 checked!...2 matches found!
node 2 checked!...2 matches found!
node 3 checked!...2 matches found!
node 4 checked!...2 matches found!
node 5 checked!...2 matches found!
node 6 checked!...2 matches found!
node 7 checked!...2 matches found!
node 8 checked!...2 matches found!
node 9 checked!...2 matches found!

```
node 10 checked!...2 matches found!
node 11 checked!...2 matches found!
node 12 checked!...2 matches found!
node 13 checked!...2 matches found!
node 14 checked!...2 matches found!
node 15 checked!...2 matches found!
node 16 checked!...2 matches found!
node 17 checked!...2 matches found!
node 18 checked!...2 matches found!
node 19 checked!...2 matches found!
node 20 checked!...2 matches found!
node 21 checked!...2 matches found!
node 22 checked!...2 matches found!
node 23 checked!...2 matches found!
node 24 checked!...2 matches found!
node 25 checked!...2 matches found!
node 26 checked!...2 matches found!
node 27 checked!...2 matches found!
node 28 checked!...2 matches found!
node 29 checked!...2 matches found!
node 30 checked!...2 matches found!
```

Voting array

[2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2]

Putative nodes

[11 14 12 10 30]

Best matching node from voting array

1

Presence of query node in putative nodes

Absent

Node 6 -> query image 4
----

84 features detected!

Checking for matches...

```
node 1 checked!...31 matches found!
node 2 checked!...28 matches found!
node 3 checked!...30 matches found!
node 4 checked!...30 matches found!
node 5 checked!...30 matches found!
node 6 checked!...23 matches found!
node 7 checked!...20 matches found!
node 8 checked!...29 matches found!
node 9 checked!...23 matches found!
node 10 checked!...25 matches found!
node 11 checked!...36 matches found!
node 12 checked!...29 matches found!
node 13 checked!...26 matches found!
node 14 checked!...34 matches found!
node 15 checked!...28 matches found!
node 16 checked!...28 matches found!
```

```
node 17 checked!...29 matches found!
node 18 checked!...27 matches found!
node 19 checked!...30 matches found!
node 20 checked!...28 matches found!
node 21 checked!...28 matches found!
node 22 checked!...26 matches found!
node 23 checked!...28 matches found!
node 24 checked!...25 matches found!
node 25 checked!...26 matches found!
node 26 checked!...31 matches found!
node 27 checked!...27 matches found!
node 28 checked!...26 matches found!
node 29 checked!...25 matches found!
node 30 checked!...26 matches found!


Voting array
--------------
[31 28 30 30 30 23 20 29 23 25 36 29 26 34 28 28 29 27 30 28 28 26 28 25 26
 31 27 26 25 26]

Putative nodes
------------
[ 4  1 26 14 11]

Best matching node from voting array
----------------------------------------
11

Presence of query node in putative nodes
----------------------------------------
Absent


Node 6 -> query image 5
-----------------------

0 features detected!

Checking for matches...

node 1 checked!...0 matches found!
node 2 checked!...0 matches found!
node 3 checked!...0 matches found!
node 4 checked!...0 matches found!
node 5 checked!...0 matches found!
node 6 checked!...0 matches found!
node 7 checked!...0 matches found!
node 8 checked!...0 matches found!
node 9 checked!...0 matches found!
node 10 checked!...0 matches found!
node 11 checked!...0 matches found!
node 12 checked!...0 matches found!
node 13 checked!...0 matches found!
node 14 checked!...0 matches found!
node 15 checked!...0 matches found!
node 16 checked!...0 matches found!
node 17 checked!...0 matches found!
node 18 checked!...0 matches found!
node 19 checked!...0 matches found!
node 20 checked!...0 matches found!
node 21 checked!...0 matches found!
node 22 checked!...0 matches found!
```

```
node 23 checked!...0 matches found!
node 24 checked!...0 matches found!
node 25 checked!...0 matches found!
node 26 checked!...0 matches found!
node 27 checked!...0 matches found!
node 28 checked!...0 matches found!
node 29 checked!...0 matches found!
node 30 checked!...0 matches found!

Voting array
--------------
[0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0]

Unable to predict a matching node and putative nodes!

Node 6 -> query image 6
-----------------------

0 features detected!

Checking for matches...

node 1 checked!...0 matches found!
node 2 checked!...0 matches found!
node 3 checked!...0 matches found!
node 4 checked!...0 matches found!
node 5 checked!...0 matches found!
node 6 checked!...0 matches found!
node 7 checked!...0 matches found!
node 8 checked!...0 matches found!
node 9 checked!...0 matches found!
node 10 checked!...0 matches found!
node 11 checked!...0 matches found!
node 12 checked!...0 matches found!
node 13 checked!...0 matches found!
node 14 checked!...0 matches found!
node 15 checked!...0 matches found!
node 16 checked!...0 matches found!
node 17 checked!...0 matches found!
node 18 checked!...0 matches found!
node 19 checked!...0 matches found!
node 20 checked!...0 matches found!
node 21 checked!...0 matches found!
node 22 checked!...0 matches found!
node 23 checked!...0 matches found!
node 24 checked!...0 matches found!
node 25 checked!...0 matches found!
node 26 checked!...0 matches found!
node 27 checked!...0 matches found!
node 28 checked!...0 matches found!
node 29 checked!...0 matches found!
node 30 checked!...0 matches found!

Voting array
--------------
[0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0]

Unable to predict a matching node and putative nodes!

Node 6 -> query image 7
-----------------------
```

79 features detected!

Checking for matches...

node 1 checked!...31 matches found!
node 2 checked!...29 matches found!
node 3 checked!...30 matches found!
node 4 checked!...31 matches found!
node 5 checked!...32 matches found!
node 6 checked!...27 matches found!
node 7 checked!...24 matches found!
node 8 checked!...27 matches found!
node 9 checked!...26 matches found!
node 10 checked!...29 matches found!
node 11 checked!...28 matches found!
node 12 checked!...27 matches found!
node 13 checked!...33 matches found!
node 14 checked!...29 matches found!
node 15 checked!...29 matches found!
node 16 checked!...29 matches found!
node 17 checked!...31 matches found!
node 18 checked!...29 matches found!
node 19 checked!...27 matches found!
node 20 checked!...27 matches found!
node 21 checked!...35 matches found!
node 22 checked!...26 matches found!
node 23 checked!...31 matches found!
node 24 checked!...32 matches found!
node 25 checked!...27 matches found!
node 26 checked!...28 matches found!
node 27 checked!...27 matches found!
node 28 checked!...28 matches found!
node 29 checked!...25 matches found!
node 30 checked!...27 matches found!

Voting array

[31 29 30 31 32 27 24 27 26 29 28 27 33 29 29 29 31 29 27 27 35 26 31 32 27
 28 27 28 25 27]

Putative nodes

[23 24 5 21 13]

Best matching node from voting array

21

Presence of query node in putative nodes

Absent

Node 6 -> query image 8
----

7 features detected!

Checking for matches...

node 1 checked!...6 matches found!
node 2 checked!...6 matches found!

```
node 3 checked!...6 matches found!
node 4 checked!...6 matches found!
node 5 checked!...6 matches found!
node 6 checked!...6 matches found!
node 7 checked!...6 matches found!
node 8 checked!...6 matches found!
node 9 checked!...6 matches found!
node 10 checked!...6 matches found!
node 11 checked!...6 matches found!
node 12 checked!...6 matches found!
node 13 checked!...6 matches found!
node 14 checked!...5 matches found!
node 15 checked!...6 matches found!
node 16 checked!...6 matches found!
node 17 checked!...6 matches found!
node 18 checked!...6 matches found!
node 19 checked!...6 matches found!
node 20 checked!...6 matches found!
node 21 checked!...6 matches found!
node 22 checked!...6 matches found!
node 23 checked!...5 matches found!
node 24 checked!...6 matches found!
node 25 checked!...6 matches found!
node 26 checked!...6 matches found!
node 27 checked!...6 matches found!
node 28 checked!...6 matches found!
node 29 checked!...6 matches found!
node 30 checked!...6 matches found!

Voting array
--------------
[6 6 6 6 6 6 6 6 6 6 6 6 6 5 6 6 6 6 6 6 6 6 6 5 6 6 6 6 6 6]

Putative nodes
------------
[11  2 12 10 30]

Best matching node from voting array
----------------------------------------
1

Presence of query node in putative nodes
----------------------------------------
Absent


Node 6 -> query image 9
-----------------------

83 features detected!

Checking for matches...

node 1 checked!...33 matches found!
node 2 checked!...35 matches found!
node 3 checked!...33 matches found!
node 4 checked!...31 matches found!
node 5 checked!...39 matches found!
node 6 checked!...33 matches found!
node 7 checked!...32 matches found!
node 8 checked!...33 matches found!
node 9 checked!...31 matches found!
```

```
node 10 checked!...35 matches found!
node 11 checked!...31 matches found!
node 12 checked!...35 matches found!
node 13 checked!...34 matches found!
node 14 checked!...36 matches found!
node 15 checked!...38 matches found!
node 16 checked!...38 matches found!
node 17 checked!...35 matches found!
node 18 checked!...31 matches found!
node 19 checked!...30 matches found!
node 20 checked!...34 matches found!
node 21 checked!...36 matches found!
node 22 checked!...35 matches found!
node 23 checked!...36 matches found!
node 24 checked!...40 matches found!
node 25 checked!...30 matches found!
node 26 checked!...38 matches found!
node 27 checked!...37 matches found!
node 28 checked!...35 matches found!
node 29 checked!...31 matches found!
node 30 checked!...33 matches found!


Voting array
--------------
[33 35 33 31 39 33 32 33 31 35 31 35 34 36 38 38 35 31 30 34 36 35 36 40 30
 38 37 35 31 33]

Putative nodes
------------
[15 26 24 16  5]

Best matching node from voting array
----------------------------------------
24

Presence of query node in putative nodes
----------------------------------------
Absent


Node 6 -> query image 10
------------------------

94 features detected!

Checking for matches...

node 1 checked!...37 matches found!
node 2 checked!...39 matches found!
node 3 checked!...38 matches found!
node 4 checked!...37 matches found!
node 5 checked!...42 matches found!
node 6 checked!...34 matches found!
node 7 checked!...41 matches found!
node 8 checked!...43 matches found!
node 9 checked!...36 matches found!
node 10 checked!...39 matches found!
node 11 checked!...38 matches found!
node 12 checked!...36 matches found!
node 13 checked!...40 matches found!
node 14 checked!...41 matches found!
node 15 checked!...37 matches found!
```

```
node 16 checked!...38 matches found!
node 17 checked!...35 matches found!
node 18 checked!...40 matches found!
node 19 checked!...36 matches found!
node 20 checked!...36 matches found!
node 21 checked!...44 matches found!
node 22 checked!...39 matches found!
node 23 checked!...42 matches found!
node 24 checked!...47 matches found!
node 25 checked!...40 matches found!
node 26 checked!...35 matches found!
node 27 checked!...41 matches found!
node 28 checked!...38 matches found!
node 29 checked!...33 matches found!
node 30 checked!...38 matches found!


Voting array
--------------
[37 39 38 37 42 34 41 43 36 39 38 36 40 41 37 38 35 40 36 36 44 39 42 47 40
 35 41 38 33 38]

Putative nodes
------------
[23  5 24 21  8]

Best matching node from voting array
----------------------------------------
24

Presence of query node in putative nodes
----------------------------------------
Absent


Node 6 -> query image 11
------------------------

53 features detected!

Checking for matches...

node 1 checked!...27 matches found!
node 2 checked!...25 matches found!
node 3 checked!...24 matches found!
node 4 checked!...29 matches found!
node 5 checked!...30 matches found!
node 6 checked!...23 matches found!
node 7 checked!...23 matches found!
node 8 checked!...26 matches found!
node 9 checked!...22 matches found!
node 10 checked!...24 matches found!
node 11 checked!...27 matches found!
node 12 checked!...24 matches found!
node 13 checked!...26 matches found!
node 14 checked!...24 matches found!
node 15 checked!...22 matches found!
node 16 checked!...28 matches found!
node 17 checked!...24 matches found!
node 18 checked!...25 matches found!
node 19 checked!...26 matches found!
node 20 checked!...28 matches found!
node 21 checked!...25 matches found!
```

```
node 22 checked!...24 matches found!
node 23 checked!...24 matches found!
node 24 checked!...24 matches found!
node 25 checked!...24 matches found!
node 26 checked!...26 matches found!
node 27 checked!...24 matches found!
node 28 checked!...27 matches found!
node 29 checked!...23 matches found!
node 30 checked!...23 matches found!
```

```
Voting array
--------------
[27 25 24 29 30 23 23 26 22 24 27 24 26 24 22 28 24 25 26 28 25 24 24 24 24
 26 24 27 23 23]
```

```
Putative nodes
------------
[11 20 16  4  5]
```

```
Best matching node from voting array
----------------------------------------
5
```

```
Presence of query node in putative nodes
----------------------------------------
Absent
```


```
Node 6 -> query image 12
------------------------
```

```
74 features detected!
```

```
Checking for matches...
```

```
node 1 checked!...32 matches found!
node 2 checked!...29 matches found!
node 3 checked!...30 matches found!
node 4 checked!...31 matches found!
node 5 checked!...31 matches found!
node 6 checked!...27 matches found!
node 7 checked!...24 matches found!
node 8 checked!...27 matches found!
node 9 checked!...27 matches found!
node 10 checked!...29 matches found!
node 11 checked!...29 matches found!
node 12 checked!...27 matches found!
node 13 checked!...34 matches found!
node 14 checked!...30 matches found!
node 15 checked!...28 matches found!
node 16 checked!...28 matches found!
node 17 checked!...30 matches found!
node 18 checked!...29 matches found!
node 19 checked!...27 matches found!
node 20 checked!...27 matches found!
node 21 checked!...34 matches found!
node 22 checked!...27 matches found!
node 23 checked!...31 matches found!
node 24 checked!...33 matches found!
node 25 checked!...29 matches found!
node 26 checked!...28 matches found!
node 27 checked!...28 matches found!
```

```
node 28 checked!...28 matches found!
node 29 checked!...25 matches found!
node 30 checked!...27 matches found!

Voting array
--------------
[32 29 30 31 31 27 24 27 27 29 29 27 34 30 28 28 30 29 27 27 34 27 31 33 29
 28 28 28 25 27]

Putative nodes
------------
[23 24 21 13  1]

Best matching node from voting array
----------------------------------------
13

Presence of query node in putative nodes
----------------------------------------
Absent


Node 6 -> query image 13
-----------------------

41 features detected!

Checking for matches...

node 1 checked!...23 matches found!
node 2 checked!...20 matches found!
node 3 checked!...24 matches found!
node 4 checked!...23 matches found!
node 5 checked!...22 matches found!
node 6 checked!...21 matches found!
node 7 checked!...20 matches found!
node 8 checked!...23 matches found!
node 9 checked!...21 matches found!
node 10 checked!...19 matches found!
node 11 checked!...24 matches found!
node 12 checked!...22 matches found!
node 13 checked!...22 matches found!
node 14 checked!...22 matches found!
node 15 checked!...23 matches found!
node 16 checked!...20 matches found!
node 17 checked!...23 matches found!
node 18 checked!...21 matches found!
node 19 checked!...22 matches found!
node 20 checked!...21 matches found!
node 21 checked!...22 matches found!
node 22 checked!...21 matches found!
node 23 checked!...22 matches found!
node 24 checked!...24 matches found!
node 25 checked!...20 matches found!
node 26 checked!...20 matches found!
node 27 checked!...23 matches found!
node 28 checked!...22 matches found!
node 29 checked!...20 matches found!
node 30 checked!...21 matches found!

Voting array
--------------
```

```
[23 20 24 23 22 21 20 23 21 19 24 22 22 22 23 20 23 21 22 21 22 21 22 24 20
 20 23 22 20 21]
```

Putative nodes

```
[15 17 11  3 24]
```

Best matching node from voting array

3

Presence of query node in putative nodes

Absent

Node 6 -> query image 14
----

85 features detected!

Checking for matches...

```
node 1 checked!...32 matches found!
node 2 checked!...31 matches found!
node 3 checked!...39 matches found!
node 4 checked!...38 matches found!
node 5 checked!...40 matches found!
node 6 checked!...32 matches found!
node 7 checked!...33 matches found!
node 8 checked!...37 matches found!
node 9 checked!...29 matches found!
node 10 checked!...37 matches found!
node 11 checked!...36 matches found!
node 12 checked!...31 matches found!
node 13 checked!...39 matches found!
node 14 checked!...38 matches found!
node 15 checked!...37 matches found!
node 16 checked!...38 matches found!
node 17 checked!...43 matches found!
node 18 checked!...36 matches found!
node 19 checked!...34 matches found!
node 20 checked!...33 matches found!
node 21 checked!...36 matches found!
node 22 checked!...36 matches found!
node 23 checked!...41 matches found!
node 24 checked!...39 matches found!
node 25 checked!...33 matches found!
node 26 checked!...37 matches found!
node 27 checked!...37 matches found!
node 28 checked!...33 matches found!
node 29 checked!...32 matches found!
node 30 checked!...35 matches found!
```

Voting array

```
[32 31 39 38 40 32 33 37 29 37 36 31 39 38 37 38 43 36 34 33 36 36 41 39 33
 37 37 33 32 35]
```

Putative nodes

```
[13 17 24 23  5]
```

Best matching node from voting array

17

Presence of query node in putative nodes

Absent

Node 6 -> query image 15
----

97 features detected!

Checking for matches...

node 1 checked!...32 matches found!
node 2 checked!...32 matches found!
node 3 checked!...35 matches found!
node 4 checked!...40 matches found!
node 5 checked!...43 matches found!
node 6 checked!...37 matches found!
node 7 checked!...38 matches found!
node 8 checked!...41 matches found!
node 9 checked!...28 matches found!
node 10 checked!...35 matches found!
node 11 checked!...32 matches found!
node 12 checked!...31 matches found!
node 13 checked!...36 matches found!
node 14 checked!...32 matches found!
node 15 checked!...31 matches found!
node 16 checked!...34 matches found!
node 17 checked!...35 matches found!
node 18 checked!...40 matches found!
node 19 checked!...32 matches found!
node 20 checked!...39 matches found!
node 21 checked!...33 matches found!
node 22 checked!...37 matches found!
node 23 checked!...41 matches found!
node 24 checked!...38 matches found!
node 25 checked!...34 matches found!
node 26 checked!...37 matches found!
node 27 checked!...36 matches found!
node 28 checked!...36 matches found!
node 29 checked!...35 matches found!
node 30 checked!...34 matches found!

Voting array

[32 32 35 40 43 37 38 41 28 35 32 31 36 32 31 34 35 40 32 39 33 37 41 38 34
 37 36 36 35 34]

Putative nodes

[4 18 23 5 8]

Best matching node from voting array

5

Presence of query node in putative nodes

Absent

Node 6 -> query image 16
----

96 features detected!

Checking for matches...

node 1 checked!...35 matches found!
node 2 checked!...34 matches found!
node 3 checked!...40 matches found!
node 4 checked!...45 matches found!
node 5 checked!...40 matches found!
node 6 checked!...38 matches found!
node 7 checked!...35 matches found!
node 8 checked!...40 matches found!
node 9 checked!...34 matches found!
node 10 checked!...37 matches found!
node 11 checked!...31 matches found!
node 12 checked!...37 matches found!
node 13 checked!...34 matches found!
node 14 checked!...39 matches found!
node 15 checked!...32 matches found!
node 16 checked!...32 matches found!
node 17 checked!...31 matches found!
node 18 checked!...31 matches found!
node 19 checked!...37 matches found!
node 20 checked!...34 matches found!
node 21 checked!...36 matches found!
node 22 checked!...34 matches found!
node 23 checked!...38 matches found!
node 24 checked!...34 matches found!
node 25 checked!...34 matches found!
node 26 checked!...33 matches found!
node 27 checked!...39 matches found!
node 28 checked!...39 matches found!
node 29 checked!...32 matches found!
node 30 checked!...39 matches found!

Voting array

[35 34 40 45 40 38 35 40 34 37 31 37 34 39 32 32 31 31 37 34 36 34 38 34 34
 33 39 39 32 39]

Putative nodes

[30 3 8 5 4]

Best matching node from voting array

4

Presence of query node in putative nodes

Absent

Node 6 -> query image 17
----

94 features detected!

Checking for matches...

node 1 checked!...33 matches found!
node 2 checked!...32 matches found!
node 3 checked!...38 matches found!
node 4 checked!...42 matches found!
node 5 checked!...37 matches found!
node 6 checked!...35 matches found!
node 7 checked!...32 matches found!
node 8 checked!...33 matches found!
node 9 checked!...30 matches found!
node 10 checked!...32 matches found!
node 11 checked!...28 matches found!
node 12 checked!...35 matches found!
node 13 checked!...31 matches found!
node 14 checked!...33 matches found!
node 15 checked!...31 matches found!
node 16 checked!...39 matches found!
node 17 checked!...37 matches found!
node 18 checked!...32 matches found!
node 19 checked!...28 matches found!
node 20 checked!...33 matches found!
node 21 checked!...35 matches found!
node 22 checked!...28 matches found!
node 23 checked!...37 matches found!
node 24 checked!...36 matches found!
node 25 checked!...31 matches found!
node 26 checked!...32 matches found!
node 27 checked!...36 matches found!
node 28 checked!...38 matches found!
node 29 checked!...31 matches found!
node 30 checked!...34 matches found!

Voting array

[33 32 38 42 37 35 32 33 30 32 28 35 31 33 31 39 37 32 28 33 35 28 37 36 31
 32 36 38 31 34]

Putative nodes

[17 3 28 16 4]

Best matching node from voting array

4

Presence of query node in putative nodes

Absent

Node 6 -> query image 18
----

96 features detected!

Checking for matches...

node 1 checked!...31 matches found!

```
node 2 checked!...34 matches found!
node 3 checked!...35 matches found!
node 4 checked!...40 matches found!
node 5 checked!...36 matches found!
node 6 checked!...33 matches found!
node 7 checked!...30 matches found!
node 8 checked!...38 matches found!
node 9 checked!...33 matches found!
node 10 checked!...30 matches found!
node 11 checked!...30 matches found!
node 12 checked!...34 matches found!
node 13 checked!...37 matches found!
node 14 checked!...38 matches found!
node 15 checked!...34 matches found!
node 16 checked!...37 matches found!
node 17 checked!...36 matches found!
node 18 checked!...32 matches found!
node 19 checked!...33 matches found!
node 20 checked!...37 matches found!
node 21 checked!...40 matches found!
node 22 checked!...31 matches found!
node 23 checked!...34 matches found!
node 24 checked!...38 matches found!
node 25 checked!...31 matches found!
node 26 checked!...32 matches found!
node 27 checked!...35 matches found!
node 28 checked!...33 matches found!
node 29 checked!...25 matches found!
node 30 checked!...35 matches found!
```

Voting array

[31 34 35 40 36 33 30 38 33 30 30 34 37 38 34 37 36 32 33 37 40 31 34 38 31
 32 35 33 25 35]

Putative nodes

[14 8 4 24 21]

Best matching node from voting array

4

Presence of query node in putative nodes

Absent

Node 6 -> query image 19
----

93 features detected!

Checking for matches...

```
node 1 checked!...32 matches found!
node 2 checked!...35 matches found!
node 3 checked!...36 matches found!
node 4 checked!...32 matches found!
node 5 checked!...39 matches found!
node 6 checked!...31 matches found!
node 7 checked!...28 matches found!
```

```
node 8 checked!...33 matches found!
node 9 checked!...25 matches found!
node 10 checked!...32 matches found!
node 11 checked!...38 matches found!
node 12 checked!...33 matches found!
node 13 checked!...32 matches found!
node 14 checked!...35 matches found!
node 15 checked!...34 matches found!
node 16 checked!...34 matches found!
node 17 checked!...36 matches found!
node 18 checked!...32 matches found!
node 19 checked!...31 matches found!
node 20 checked!...35 matches found!
node 21 checked!...40 matches found!
node 22 checked!...32 matches found!
node 23 checked!...34 matches found!
node 24 checked!...33 matches found!
node 25 checked!...33 matches found!
node 26 checked!...35 matches found!
node 27 checked!...34 matches found!
node 28 checked!...36 matches found!
node 29 checked!...30 matches found!
node 30 checked!...29 matches found!


Voting array
--------------
[32 35 36 32 39 31 28 33 25 32 38 33 32 35 34 34 36 32 31 35 40 32 34 33 33
 35 34 36 30 29]

Putative nodes
------------
[ 3 17 11  5 21]

Best matching node from voting array
----------------------------------------
21

Presence of query node in putative nodes
----------------------------------------
Absent


Node 6 -> query image 20
------------------------

89 features detected!

Checking for matches...

node 1 checked!...37 matches found!
node 2 checked!...39 matches found!
node 3 checked!...35 matches found!
node 4 checked!...39 matches found!
node 5 checked!...44 matches found!
node 6 checked!...38 matches found!
node 7 checked!...39 matches found!
node 8 checked!...42 matches found!
node 9 checked!...33 matches found!
node 10 checked!...42 matches found!
node 11 checked!...39 matches found!
node 12 checked!...36 matches found!
node 13 checked!...40 matches found!
```

```
node 14 checked!...38 matches found!
node 15 checked!...36 matches found!
node 16 checked!...39 matches found!
node 17 checked!...38 matches found!
node 18 checked!...38 matches found!
node 19 checked!...42 matches found!
node 20 checked!...39 matches found!
node 21 checked!...46 matches found!
node 22 checked!...39 matches found!
node 23 checked!...37 matches found!
node 24 checked!...42 matches found!
node 25 checked!...36 matches found!
node 26 checked!...34 matches found!
node 27 checked!...42 matches found!
node 28 checked!...42 matches found!
node 29 checked!...40 matches found!
node 30 checked!...40 matches found!
```

Voting array

[37 39 35 39 44 38 39 42 33 42 39 36 40 38 36 39 38 38 42 39 46 39 37 42 36
 34 42 42 40 40]

Putative nodes

[19 10 24 5 21]

Best matching node from voting array

21

Presence of query node in putative nodes

Absent

Node 6 -> query image 21
----

87 features detected!

Checking for matches...

```
node 1 checked!...33 matches found!
node 2 checked!...35 matches found!
node 3 checked!...38 matches found!
node 4 checked!...40 matches found!
node 5 checked!...36 matches found!
node 6 checked!...31 matches found!
node 7 checked!...27 matches found!
node 8 checked!...33 matches found!
node 9 checked!...33 matches found!
node 10 checked!...35 matches found!
node 11 checked!...30 matches found!
node 12 checked!...31 matches found!
node 13 checked!...32 matches found!
node 14 checked!...36 matches found!
node 15 checked!...31 matches found!
node 16 checked!...34 matches found!
node 17 checked!...32 matches found!
node 18 checked!...30 matches found!
node 19 checked!...30 matches found!
```

```
node 20 checked!...33 matches found!
node 21 checked!...32 matches found!
node 22 checked!...32 matches found!
node 23 checked!...37 matches found!
node 24 checked!...33 matches found!
node 25 checked!...34 matches found!
node 26 checked!...31 matches found!
node 27 checked!...30 matches found!
node 28 checked!...33 matches found!
node 29 checked!...29 matches found!
node 30 checked!...33 matches found!
```

Voting array

[33 35 38 40 36 31 27 33 33 35 30 31 32 36 31 34 32 30 30 33 32 32 37 33 34
 31 30 33 29 33]

Putative nodes

[5 23 4 3 14]

Best matching node from voting array

4

Presence of query node in putative nodes

Absent

Node 6 -> query image 22
----

97 features detected!

Checking for matches...

```
node 1 checked!...36 matches found!
node 2 checked!...38 matches found!
node 3 checked!...40 matches found!
node 4 checked!...39 matches found!
node 5 checked!...36 matches found!
node 6 checked!...39 matches found!
node 7 checked!...36 matches found!
node 8 checked!...42 matches found!
node 9 checked!...30 matches found!
node 10 checked!...36 matches found!
node 11 checked!...36 matches found!
node 12 checked!...36 matches found!
node 13 checked!...42 matches found!
node 14 checked!...37 matches found!
node 15 checked!...35 matches found!
node 16 checked!...40 matches found!
node 17 checked!...38 matches found!
node 18 checked!...34 matches found!
node 19 checked!...35 matches found!
node 20 checked!...38 matches found!
node 21 checked!...42 matches found!
node 22 checked!...36 matches found!
node 23 checked!...40 matches found!
node 24 checked!...36 matches found!
node 25 checked!...33 matches found!
```

```
node 26 checked!...38 matches found!
node 27 checked!...38 matches found!
node 28 checked!...37 matches found!
node 29 checked!...30 matches found!
node 30 checked!...40 matches found!

Voting array
--------------
[36 38 40 39 36 39 36 42 30 36 36 36 42 37 35 40 38 34 35 38 42 36 40 36 33
 38 38 37 30 40]

Putative nodes
------------
[16 23  8 13 21]

Best matching node from voting array
----------------------------------------
8

Presence of query node in putative nodes
----------------------------------------
Absent


Node 6 -> query image 23
------------------------

95 features detected!

Checking for matches...

node 1 checked!...33 matches found!
node 2 checked!...40 matches found!
node 3 checked!...38 matches found!
node 4 checked!...39 matches found!
node 5 checked!...35 matches found!
node 6 checked!...36 matches found!
node 7 checked!...37 matches found!
node 8 checked!...39 matches found!
node 9 checked!...33 matches found!
node 10 checked!...35 matches found!
node 11 checked!...33 matches found!
node 12 checked!...35 matches found!
node 13 checked!...40 matches found!
node 14 checked!...37 matches found!
node 15 checked!...33 matches found!
node 16 checked!...37 matches found!
node 17 checked!...38 matches found!
node 18 checked!...32 matches found!
node 19 checked!...33 matches found!
node 20 checked!...40 matches found!
node 21 checked!...38 matches found!
node 22 checked!...37 matches found!
node 23 checked!...37 matches found!
node 24 checked!...35 matches found!
node 25 checked!...32 matches found!
node 26 checked!...32 matches found!
node 27 checked!...36 matches found!
node 28 checked!...37 matches found!
node 29 checked!...26 matches found!
node 30 checked!...37 matches found!
```

Voting array

[33 40 38 39 35 36 37 39 33 35 33 35 40 37 33 37 38 32 33 40 38 37 37 35 32
 32 36 37 26 37]

Putative nodes

[8 4 2 13 20]

Best matching node from voting array

2

Presence of query node in putative nodes

Absent

Node 6 -> query image 24
----

95 features detected!

Checking for matches...

node 1 checked!...35 matches found!
node 2 checked!...36 matches found!
node 3 checked!...35 matches found!
node 4 checked!...30 matches found!
node 5 checked!...35 matches found!
node 6 checked!...30 matches found!
node 7 checked!...28 matches found!
node 8 checked!...30 matches found!
node 9 checked!...26 matches found!
node 10 checked!...34 matches found!
node 11 checked!...40 matches found!
node 12 checked!...35 matches found!
node 13 checked!...32 matches found!
node 14 checked!...35 matches found!
node 15 checked!...29 matches found!
node 16 checked!...37 matches found!
node 17 checked!...36 matches found!
node 18 checked!...35 matches found!
node 19 checked!...31 matches found!
node 20 checked!...32 matches found!
node 21 checked!...40 matches found!
node 22 checked!...32 matches found!
node 23 checked!...33 matches found!
node 24 checked!...37 matches found!
node 25 checked!...25 matches found!
node 26 checked!...33 matches found!
node 27 checked!...32 matches found!
node 28 checked!...35 matches found!
node 29 checked!...26 matches found!
node 30 checked!...29 matches found!

Voting array

[35 36 35 30 35 30 28 30 26 34 40 35 32 35 29 37 36 35 31 32 40 32 33 37 25
 33 32 35 26 29]

Putative nodes

```
------------
[17 16 24 11 21]
```

Best matching node from voting array

11

Presence of query node in putative nodes

Absent

Node 6 -> query image 25
----

84 features detected!

Checking for matches...

```
node 1 checked!...34 matches found!
node 2 checked!...33 matches found!
node 3 checked!...37 matches found!
node 4 checked!...36 matches found!
node 5 checked!...35 matches found!
node 6 checked!...35 matches found!
node 7 checked!...35 matches found!
node 8 checked!...33 matches found!
node 9 checked!...29 matches found!
node 10 checked!...31 matches found!
node 11 checked!...27 matches found!
node 12 checked!...31 matches found!
node 13 checked!...29 matches found!
node 14 checked!...29 matches found!
node 15 checked!...33 matches found!
node 16 checked!...31 matches found!
node 17 checked!...31 matches found!
node 18 checked!...30 matches found!
node 19 checked!...29 matches found!
node 20 checked!...32 matches found!
node 21 checked!...36 matches found!
node 22 checked!...33 matches found!
node 23 checked!...30 matches found!
node 24 checked!...32 matches found!
node 25 checked!...31 matches found!
node 26 checked!...31 matches found!
node 27 checked!...31 matches found!
node 28 checked!...37 matches found!
node 29 checked!...32 matches found!
node 30 checked!...31 matches found!
```

Voting array

```
[34 33 37 36 35 35 35 33 29 31 27 31 29 29 33 31 31 30 29 32 36 33 30 32 31
 31 31 37 32 31]
```

Putative nodes

[7 21 4 3 28]

Best matching node from voting array

3

Presence of query node in putative nodes

Absent

Node 6 -> query image 26
----

97 features detected!

Checking for matches...

node 1 checked!...33 matches found!
node 2 checked!...40 matches found!
node 3 checked!...37 matches found!
node 4 checked!...40 matches found!
node 5 checked!...37 matches found!
node 6 checked!...34 matches found!
node 7 checked!...33 matches found!
node 8 checked!...40 matches found!
node 9 checked!...32 matches found!
node 10 checked!...35 matches found!
node 11 checked!...34 matches found!
node 12 checked!...35 matches found!
node 13 checked!...41 matches found!
node 14 checked!...34 matches found!
node 15 checked!...33 matches found!
node 16 checked!...38 matches found!
node 17 checked!...41 matches found!
node 18 checked!...33 matches found!
node 19 checked!...33 matches found!
node 20 checked!...35 matches found!
node 21 checked!...37 matches found!
node 22 checked!...36 matches found!
node 23 checked!...35 matches found!
node 24 checked!...34 matches found!
node 25 checked!...31 matches found!
node 26 checked!...35 matches found!
node 27 checked!...35 matches found!
node 28 checked!...36 matches found!
node 29 checked!...27 matches found!
node 30 checked!...34 matches found!

Voting array

[33 40 37 40 37 34 33 40 32 35 34 35 41 34 33 38 41 33 33 35 37 36 35 34 31
 35 35 36 27 34]

Putative nodes

[2 8 4 13 17]

Best matching node from voting array

13

Presence of query node in putative nodes

Absent

Node 6 -> query image 27
----

92 features detected!

Checking for matches...

node 1 checked!...33 matches found!
node 2 checked!...38 matches found!
node 3 checked!...34 matches found!
node 4 checked!...34 matches found!
node 5 checked!...37 matches found!
node 6 checked!...33 matches found!
node 7 checked!...32 matches found!
node 8 checked!...32 matches found!
node 9 checked!...32 matches found!
node 10 checked!...38 matches found!
node 11 checked!...39 matches found!
node 12 checked!...34 matches found!
node 13 checked!...34 matches found!
node 14 checked!...36 matches found!
node 15 checked!...32 matches found!
node 16 checked!...36 matches found!
node 17 checked!...34 matches found!
node 18 checked!...33 matches found!
node 19 checked!...34 matches found!
node 20 checked!...39 matches found!
node 21 checked!...39 matches found!
node 22 checked!...30 matches found!
node 23 checked!...33 matches found!
node 24 checked!...32 matches found!
node 25 checked!...28 matches found!
node 26 checked!...36 matches found!
node 27 checked!...36 matches found!
node 28 checked!...36 matches found!
node 29 checked!...25 matches found!
node 30 checked!...33 matches found!

Voting array

[33 38 34 34 37 33 32 32 32 38 39 34 34 36 32 36 34 33 34 39 39 30 33 32 28
 36 36 36 25 33]

Putative nodes

[10 2 11 20 21]

Best matching node from voting array

11

Presence of query node in putative nodes

Absent

Node 6 -> query image 28
----

85 features detected!

Checking for matches...

```
node 1 checked!...34 matches found!
node 2 checked!...41 matches found!
node 3 checked!...34 matches found!
node 4 checked!...37 matches found!
node 5 checked!...37 matches found!
node 6 checked!...35 matches found!
node 7 checked!...37 matches found!
node 8 checked!...38 matches found!
node 9 checked!...28 matches found!
node 10 checked!...39 matches found!
node 11 checked!...40 matches found!
node 12 checked!...33 matches found!
node 13 checked!...35 matches found!
node 14 checked!...43 matches found!
node 15 checked!...35 matches found!
node 16 checked!...41 matches found!
node 17 checked!...33 matches found!
node 18 checked!...39 matches found!
node 19 checked!...37 matches found!
node 20 checked!...40 matches found!
node 21 checked!...38 matches found!
node 22 checked!...36 matches found!
node 23 checked!...39 matches found!
node 24 checked!...38 matches found!
node 25 checked!...35 matches found!
node 26 checked!...31 matches found!
node 27 checked!...39 matches found!
node 28 checked!...37 matches found!
node 29 checked!...32 matches found!
node 30 checked!...35 matches found!
```

Voting array

[34 41 34 37 37 35 37 38 28 39 40 33 35 43 35 41 33 39 37 40 38 36 39 38 35
 31 39 37 32 35]

Putative nodes

[11 16 2 14 20]

Best matching node from voting array

14

Presence of query node in putative nodes

Absent

Node 6 -> query image 29
----

96 features detected!

Checking for matches...

```
node 1 checked!...33 matches found!
node 2 checked!...36 matches found!
node 3 checked!...37 matches found!
node 4 checked!...36 matches found!
node 5 checked!...38 matches found!
```

```
node 6 checked!...41 matches found!
node 7 checked!...41 matches found!
node 8 checked!...41 matches found!
node 9 checked!...34 matches found!
node 10 checked!...33 matches found!
node 11 checked!...35 matches found!
node 12 checked!...35 matches found!
node 13 checked!...35 matches found!
node 14 checked!...35 matches found!
node 15 checked!...32 matches found!
node 16 checked!...39 matches found!
node 17 checked!...34 matches found!
node 18 checked!...36 matches found!
node 19 checked!...37 matches found!
node 20 checked!...38 matches found!
node 21 checked!...40 matches found!
node 22 checked!...37 matches found!
node 23 checked!...40 matches found!
node 24 checked!...37 matches found!
node 25 checked!...34 matches found!
node 26 checked!...36 matches found!
node 27 checked!...39 matches found!
node 28 checked!...40 matches found!
node 29 checked!...38 matches found!
node 30 checked!...40 matches found!
```

Voting array

```
[33 36 37 36 38 41 41 41 34 33 35 35 35 35 32 39 34 36 37 38 40 37 40 37 34
 36 39 40 38 40]
```

Putative nodes

```
[21 23  6  7  8]
```

Best matching node from voting array

6

Presence of query node in putative nodes

Present

Node 6 -> query image 30
----

94 features detected!

Checking for matches...

```
node 1 checked!...33 matches found!
node 2 checked!...38 matches found!
node 3 checked!...34 matches found!
node 4 checked!...38 matches found!
node 5 checked!...36 matches found!
node 6 checked!...38 matches found!
node 7 checked!...36 matches found!
node 8 checked!...40 matches found!
node 9 checked!...30 matches found!
node 10 checked!...33 matches found!
node 11 checked!...29 matches found!
```

```
node 12 checked!...39 matches found!
node 13 checked!...33 matches found!
node 14 checked!...36 matches found!
node 15 checked!...36 matches found!
node 16 checked!...38 matches found!
node 17 checked!...34 matches found!
node 18 checked!...35 matches found!
node 19 checked!...34 matches found!
node 20 checked!...35 matches found!
node 21 checked!...37 matches found!
node 22 checked!...36 matches found!
node 23 checked!...32 matches found!
node 24 checked!...36 matches found!
node 25 checked!...34 matches found!
node 26 checked!...33 matches found!
node 27 checked!...39 matches found!
node 28 checked!...34 matches found!
node 29 checked!...36 matches found!
node 30 checked!...34 matches found!
```

Voting array

[33 38 34 38 36 38 36 40 30 33 29 39 33 36 36 38 34 35 34 35 37 36 32 36 34
 33 39 34 36 34]

Putative nodes

[4 2 27 8 12]

Best matching node from voting array

8

Presence of query node in putative nodes

Absent

Node 6 -> query image 31
----

100 features detected!

Checking for matches...

```
node 1 checked!...30 matches found!
node 2 checked!...40 matches found!
node 3 checked!...37 matches found!
node 4 checked!...40 matches found!
node 5 checked!...39 matches found!
node 6 checked!...38 matches found!
node 7 checked!...35 matches found!
node 8 checked!...41 matches found!
node 9 checked!...31 matches found!
node 10 checked!...34 matches found!
node 11 checked!...34 matches found!
node 12 checked!...36 matches found!
node 13 checked!...38 matches found!
node 14 checked!...41 matches found!
node 15 checked!...36 matches found!
node 16 checked!...41 matches found!
node 17 checked!...44 matches found!
```

```
node 18 checked!...35 matches found!
node 19 checked!...36 matches found!
node 20 checked!...37 matches found!
node 21 checked!...39 matches found!
node 22 checked!...38 matches found!
node 23 checked!...33 matches found!
node 24 checked!...36 matches found!
node 25 checked!...35 matches found!
node 26 checked!...37 matches found!
node 27 checked!...38 matches found!
node 28 checked!...36 matches found!
node 29 checked!...34 matches found!
node 30 checked!...35 matches found!

Voting array
--------------
[30 40 37 40 39 38 35 41 31 34 34 36 38 41 36 41 44 35 36 37 39 38 33 36 35
 37 38 36 34 35]

Putative nodes
------------
[ 2 16 14 17  8]

Best matching node from voting array
----------------------------------------
17

Presence of query node in putative nodes
----------------------------------------
Absent


Node 6 -> query image 32
------------------------

92 features detected!

Checking for matches...

node 1 checked!...32 matches found!
node 2 checked!...34 matches found!
node 3 checked!...32 matches found!
node 4 checked!...34 matches found!
node 5 checked!...35 matches found!
node 6 checked!...28 matches found!
node 7 checked!...30 matches found!
node 8 checked!...37 matches found!
node 9 checked!...31 matches found!
node 10 checked!...36 matches found!
node 11 checked!...37 matches found!
node 12 checked!...35 matches found!
node 13 checked!...35 matches found!
node 14 checked!...33 matches found!
node 15 checked!...31 matches found!
node 16 checked!...31 matches found!
node 17 checked!...35 matches found!
node 18 checked!...31 matches found!
node 19 checked!...33 matches found!
node 20 checked!...32 matches found!
node 21 checked!...38 matches found!
node 22 checked!...29 matches found!
node 23 checked!...35 matches found!
```

```
node 24 checked!...34 matches found!
node 25 checked!...28 matches found!
node 26 checked!...33 matches found!
node 27 checked!...33 matches found!
node 28 checked!...33 matches found!
node 29 checked!...28 matches found!
node 30 checked!...35 matches found!

Voting array
--------------
[32 34 32 34 35 28 30 37 31 36 37 35 35 33 31 31 35 31 33 32 38 29 35 34 28
 33 33 33 28 35]

Putative nodes
------------
[17 10  8 11 21]

Best matching node from voting array
----------------------------------------
21

Presence of query node in putative nodes
----------------------------------------
Absent


Node 6 -> query image 33
------------------------

95 features detected!

Checking for matches...

node 1 checked!...38 matches found!
node 2 checked!...39 matches found!
node 3 checked!...36 matches found!
node 4 checked!...39 matches found!
node 5 checked!...41 matches found!
node 6 checked!...40 matches found!
node 7 checked!...41 matches found!
node 8 checked!...43 matches found!
node 9 checked!...34 matches found!
node 10 checked!...38 matches found!
node 11 checked!...37 matches found!
node 12 checked!...36 matches found!
node 13 checked!...38 matches found!
node 14 checked!...40 matches found!
node 15 checked!...32 matches found!
node 16 checked!...45 matches found!
node 17 checked!...37 matches found!
node 18 checked!...38 matches found!
node 19 checked!...40 matches found!
node 20 checked!...40 matches found!
node 21 checked!...40 matches found!
node 22 checked!...41 matches found!
node 23 checked!...41 matches found!
node 24 checked!...37 matches found!
node 25 checked!...33 matches found!
node 26 checked!...39 matches found!
node 27 checked!...38 matches found!
node 28 checked!...41 matches found!
node 29 checked!...36 matches found!
```

node 30 checked!...40 matches found!

Voting array

[38 39 36 39 41 40 41 43 34 38 37 36 38 40 32 45 37 38 40 40 40 41 41 37 33
 39 38 41 36 40]

Putative nodes

[22 23 7 16 8]

Best matching node from voting array

16

Presence of query node in putative nodes

Absent

Node 6 -> query image 34
----

93 features detected!

Checking for matches...

node 1 checked!...32 matches found!
node 2 checked!...31 matches found!
node 3 checked!...37 matches found!
node 4 checked!...39 matches found!
node 5 checked!...37 matches found!
node 6 checked!...31 matches found!
node 7 checked!...36 matches found!
node 8 checked!...37 matches found!
node 9 checked!...31 matches found!
node 10 checked!...40 matches found!
node 11 checked!...36 matches found!
node 12 checked!...35 matches found!
node 13 checked!...35 matches found!
node 14 checked!...37 matches found!
node 15 checked!...31 matches found!
node 16 checked!...34 matches found!
node 17 checked!...35 matches found!
node 18 checked!...29 matches found!
node 19 checked!...34 matches found!
node 20 checked!...28 matches found!
node 21 checked!...38 matches found!
node 22 checked!...28 matches found!
node 23 checked!...39 matches found!
node 24 checked!...34 matches found!
node 25 checked!...33 matches found!
node 26 checked!...36 matches found!
node 27 checked!...37 matches found!
node 28 checked!...39 matches found!
node 29 checked!...34 matches found!
node 30 checked!...40 matches found!

Voting array

[32 31 37 39 37 31 36 37 31 40 36 35 35 37 31 34 35 29 34 28 38 28 39 34 33
 36 37 39 34 40]

Putative nodes

[4 23 28 10 30]

Best matching node from voting array

10

Presence of query node in putative nodes

Absent

Node 6 -> query image 35
----

33 features detected!

Checking for matches...

node 1 checked!...21 matches found!
node 2 checked!...17 matches found!
node 3 checked!...14 matches found!
node 4 checked!...21 matches found!
node 5 checked!...21 matches found!
node 6 checked!...18 matches found!
node 7 checked!...15 matches found!
node 8 checked!...20 matches found!
node 9 checked!...15 matches found!
node 10 checked!...19 matches found!
node 11 checked!...19 matches found!
node 12 checked!...17 matches found!
node 13 checked!...16 matches found!
node 14 checked!...17 matches found!
node 15 checked!...15 matches found!
node 16 checked!...17 matches found!
node 17 checked!...19 matches found!
node 18 checked!...19 matches found!
node 19 checked!...19 matches found!
node 20 checked!...18 matches found!
node 21 checked!...19 matches found!
node 22 checked!...15 matches found!
node 23 checked!...19 matches found!
node 24 checked!...15 matches found!
node 25 checked!...21 matches found!
node 26 checked!...22 matches found!
node 27 checked!...18 matches found!
node 28 checked!...18 matches found!
node 29 checked!...20 matches found!
node 30 checked!...18 matches found!

Voting array

[21 17 14 21 21 18 15 20 15 19 19 17 16 17 15 17 19 19 19 18 19 15 19 15 21
 22 18 18 20 18]

Putative nodes

[4 25 5 26 1]

Best matching node from voting array

```
----------------------------------------
26

Presence of query node in putative nodes
----------------------------------------
Absent


Node 6 -> query image 36
------------------------

74 features detected!

Checking for matches...

node 1 checked!...30 matches found!
node 2 checked!...36 matches found!
node 3 checked!...36 matches found!
node 4 checked!...36 matches found!
node 5 checked!...34 matches found!
node 6 checked!...29 matches found!
node 7 checked!...31 matches found!
node 8 checked!...36 matches found!
node 9 checked!...32 matches found!
node 10 checked!...31 matches found!
node 11 checked!...32 matches found!
node 12 checked!...33 matches found!
node 13 checked!...37 matches found!
node 14 checked!...35 matches found!
node 15 checked!...29 matches found!
node 16 checked!...35 matches found!
node 17 checked!...35 matches found!
node 18 checked!...30 matches found!
node 19 checked!...30 matches found!
node 20 checked!...37 matches found!
node 21 checked!...36 matches found!
node 22 checked!...29 matches found!
node 23 checked!...36 matches found!
node 24 checked!...33 matches found!
node 25 checked!...32 matches found!
node 26 checked!...31 matches found!
node 27 checked!...35 matches found!
node 28 checked!...32 matches found!
node 29 checked!...28 matches found!
node 30 checked!...32 matches found!

Voting array
--------------
[30 36 36 36 34 29 31 36 32 31 32 33 37 35 29 35 35 30 30 37 36 29 36 33 32
 31 35 32 28 32]

Putative nodes
------------
[23 20 13  2  8]

Best matching node from voting array
----------------------------------------
13

Presence of query node in putative nodes
----------------------------------------
Absent
```

Node 6 -> query image 37
----

0 features detected!

Checking for matches...

node 1 checked!...0 matches found!
node 2 checked!...0 matches found!
node 3 checked!...0 matches found!
node 4 checked!...0 matches found!
node 5 checked!...0 matches found!
node 6 checked!...0 matches found!
node 7 checked!...0 matches found!
node 8 checked!...0 matches found!
node 9 checked!...0 matches found!
node 10 checked!...0 matches found!
node 11 checked!...0 matches found!
node 12 checked!...0 matches found!
node 13 checked!...0 matches found!
node 14 checked!...0 matches found!
node 15 checked!...0 matches found!
node 16 checked!...0 matches found!
node 17 checked!...0 matches found!
node 18 checked!...0 matches found!
node 19 checked!...0 matches found!
node 20 checked!...0 matches found!
node 21 checked!...0 matches found!
node 22 checked!...0 matches found!
node 23 checked!...0 matches found!
node 24 checked!...0 matches found!
node 25 checked!...0 matches found!
node 26 checked!...0 matches found!
node 27 checked!...0 matches found!
node 28 checked!...0 matches found!
node 29 checked!...0 matches found!
node 30 checked!...0 matches found!

Voting array

[0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0]

Unable to predict a matching node and putative nodes!

Node 6 -> query image 38
----

79 features detected!

Checking for matches...

node 1 checked!...29 matches found!
node 2 checked!...31 matches found!
node 3 checked!...35 matches found!
node 4 checked!...33 matches found!
node 5 checked!...37 matches found!
node 6 checked!...37 matches found!
node 7 checked!...35 matches found!
node 8 checked!...34 matches found!
node 9 checked!...29 matches found!

```
node 10 checked!...35 matches found!
node 11 checked!...32 matches found!
node 12 checked!...33 matches found!
node 13 checked!...32 matches found!
node 14 checked!...29 matches found!
node 15 checked!...29 matches found!
node 16 checked!...36 matches found!
node 17 checked!...37 matches found!
node 18 checked!...32 matches found!
node 19 checked!...31 matches found!
node 20 checked!...34 matches found!
node 21 checked!...33 matches found!
node 22 checked!...31 matches found!
node 23 checked!...39 matches found!
node 24 checked!...35 matches found!
node 25 checked!...33 matches found!
node 26 checked!...36 matches found!
node 27 checked!...38 matches found!
node 28 checked!...35 matches found!
node 29 checked!...34 matches found!
node 30 checked!...34 matches found!


Voting array
--------------
[29 31 35 33 37 37 35 34 29 35 32 33 32 29 29 36 37 32 31 34 33 31 39 35 33
 36 38 35 34 34]

Putative nodes
------------
[ 5 27 23  6 17]

Best matching node from voting array
----------------------------------------
23

Presence of query node in putative nodes
----------------------------------------
Present


Node 6 -> query image 39
------------------------

0 features detected!

Checking for matches...

node 1 checked!...0 matches found!
node 2 checked!...0 matches found!
node 3 checked!...0 matches found!
node 4 checked!...0 matches found!
node 5 checked!...0 matches found!
node 6 checked!...0 matches found!
node 7 checked!...0 matches found!
node 8 checked!...0 matches found!
node 9 checked!...0 matches found!
node 10 checked!...0 matches found!
node 11 checked!...0 matches found!
node 12 checked!...0 matches found!
node 13 checked!...0 matches found!
node 14 checked!...0 matches found!
node 15 checked!...0 matches found!
```

```
node 16 checked!...0 matches found!
node 17 checked!...0 matches found!
node 18 checked!...0 matches found!
node 19 checked!...0 matches found!
node 20 checked!...0 matches found!
node 21 checked!...0 matches found!
node 22 checked!...0 matches found!
node 23 checked!...0 matches found!
node 24 checked!...0 matches found!
node 25 checked!...0 matches found!
node 26 checked!...0 matches found!
node 27 checked!...0 matches found!
node 28 checked!...0 matches found!
node 29 checked!...0 matches found!
node 30 checked!...0 matches found!

Voting array
--------------
[0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0]

Unable to predict a matching node and putative nodes!

Node 6 -> query image 40
------------------------

82 features detected!

Checking for matches...

node 1 checked!...31 matches found!
node 2 checked!...31 matches found!
node 3 checked!...38 matches found!
node 4 checked!...37 matches found!
node 5 checked!...33 matches found!
node 6 checked!...32 matches found!
node 7 checked!...36 matches found!
node 8 checked!...28 matches found!
node 9 checked!...30 matches found!
node 10 checked!...29 matches found!
node 11 checked!...26 matches found!
node 12 checked!...38 matches found!
node 13 checked!...33 matches found!
node 14 checked!...30 matches found!
node 15 checked!...35 matches found!
node 16 checked!...36 matches found!
node 17 checked!...37 matches found!
node 18 checked!...33 matches found!
node 19 checked!...31 matches found!
node 20 checked!...33 matches found!
node 21 checked!...35 matches found!
node 22 checked!...33 matches found!
node 23 checked!...34 matches found!
node 24 checked!...37 matches found!
node 25 checked!...29 matches found!
node 26 checked!...35 matches found!
node 27 checked!...37 matches found!
node 28 checked!...38 matches found!
node 29 checked!...32 matches found!
node 30 checked!...33 matches found!

Voting array
--------------
```

```
[31 31 38 37 33 32 36 28 30 29 26 38 33 30 35 36 37 33 31 33 35 33 34 37 29
 35 37 38 32 33]
```

Putative nodes

```
[24 17 28  3 12]
```

Best matching node from voting array

3

Presence of query node in putative nodes

Absent

 Node 6 testing completed!

Node 7 -> query image 1
----

66 features detected!

Checking for matches...

node 1 checked!...25 matches found!
node 2 checked!...27 matches found!
node 3 checked!...25 matches found!
node 4 checked!...28 matches found!
node 5 checked!...24 matches found!
node 6 checked!...27 matches found!
node 7 checked!...18 matches found!
node 8 checked!...25 matches found!
node 9 checked!...21 matches found!
node 10 checked!...27 matches found!
node 11 checked!...24 matches found!
node 12 checked!...28 matches found!
node 13 checked!...23 matches found!
node 14 checked!...25 matches found!
node 15 checked!...24 matches found!
node 16 checked!...30 matches found!
node 17 checked!...28 matches found!
node 18 checked!...26 matches found!
node 19 checked!...27 matches found!
node 20 checked!...21 matches found!
node 21 checked!...30 matches found!
node 22 checked!...18 matches found!
node 23 checked!...28 matches found!
node 24 checked!...21 matches found!
node 25 checked!...22 matches found!
node 26 checked!...26 matches found!
node 27 checked!...29 matches found!
node 28 checked!...29 matches found!
node 29 checked!...28 matches found!
node 30 checked!...29 matches found!

Voting array

[25 27 25 28 24 27 18 25 21 27 24 28 23 25 24 30 28 26 27 21 30 18 28 21 22
 26 29 29 28 29]
```

Putative nodes
------------
[28 30 27 16 21]

Best matching node from voting array
----------------------------------------
16

Presence of query node in putative nodes
----------------------------------------
Absent


Node 7 -> query image 2
-----------------------

0 features detected!

Checking for matches...

node 1 checked!...0 matches found!
node 2 checked!...0 matches found!
node 3 checked!...0 matches found!
node 4 checked!...0 matches found!
node 5 checked!...0 matches found!
node 6 checked!...0 matches found!
node 7 checked!...0 matches found!
node 8 checked!...0 matches found!
node 9 checked!...0 matches found!
node 10 checked!...0 matches found!
node 11 checked!...0 matches found!
node 12 checked!...0 matches found!
node 13 checked!...0 matches found!
node 14 checked!...0 matches found!
node 15 checked!...0 matches found!
node 16 checked!...0 matches found!
node 17 checked!...0 matches found!
node 18 checked!...0 matches found!
node 19 checked!...0 matches found!
node 20 checked!...0 matches found!
node 21 checked!...0 matches found!
node 22 checked!...0 matches found!
node 23 checked!...0 matches found!
node 24 checked!...0 matches found!
node 25 checked!...0 matches found!
node 26 checked!...0 matches found!
node 27 checked!...0 matches found!
node 28 checked!...0 matches found!
node 29 checked!...0 matches found!
node 30 checked!...0 matches found!

Voting array
--------------
[0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0]

Unable to predict a matching node and putative nodes!

Node 7 -> query image 3
-----------------------

0 features detected!

Checking for matches...

node 1 checked!...0 matches found!
node 2 checked!...0 matches found!
node 3 checked!...0 matches found!
node 4 checked!...0 matches found!
node 5 checked!...0 matches found!
node 6 checked!...0 matches found!
node 7 checked!...0 matches found!
node 8 checked!...0 matches found!
node 9 checked!...0 matches found!
node 10 checked!...0 matches found!
node 11 checked!...0 matches found!
node 12 checked!...0 matches found!
node 13 checked!...0 matches found!
node 14 checked!...0 matches found!
node 15 checked!...0 matches found!
node 16 checked!...0 matches found!
node 17 checked!...0 matches found!
node 18 checked!...0 matches found!
node 19 checked!...0 matches found!
node 20 checked!...0 matches found!
node 21 checked!...0 matches found!
node 22 checked!...0 matches found!
node 23 checked!...0 matches found!
node 24 checked!...0 matches found!
node 25 checked!...0 matches found!
node 26 checked!...0 matches found!
node 27 checked!...0 matches found!
node 28 checked!...0 matches found!
node 29 checked!...0 matches found!
node 30 checked!...0 matches found!

Voting array
--------------
[0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0]

Unable to predict a matching node and putative nodes!

Node 7 -> query image 4
------------------------

18 features detected!

Checking for matches...

node 1 checked!...12 matches found!
node 2 checked!...12 matches found!
node 3 checked!...12 matches found!
node 4 checked!...14 matches found!
node 5 checked!...13 matches found!
node 6 checked!...10 matches found!
node 7 checked!...11 matches found!
node 8 checked!...12 matches found!
node 9 checked!...12 matches found!
node 10 checked!...12 matches found!
node 11 checked!...13 matches found!
node 12 checked!...10 matches found!
node 13 checked!...14 matches found!
node 14 checked!...13 matches found!
node 15 checked!...11 matches found!
node 16 checked!...12 matches found!

```
node 17 checked!...13 matches found!
node 18 checked!...13 matches found!
node 19 checked!...13 matches found!
node 20 checked!...13 matches found!
node 21 checked!...13 matches found!
node 22 checked!...13 matches found!
node 23 checked!...11 matches found!
node 24 checked!...11 matches found!
node 25 checked!...13 matches found!
node 26 checked!...12 matches found!
node 27 checked!...11 matches found!
node 28 checked!...13 matches found!
node 29 checked!...11 matches found!
node 30 checked!...10 matches found!


Voting array
--------------
[12 12 12 14 13 10 11 12 12 12 13 10 14 13 11 12 13 13 13 13 13 13 11 11 13
 12 11 13 11 10]

Putative nodes
------------
[18 22 14  4 13]

Best matching node from voting array
----------------------------------------
4

Presence of query node in putative nodes
----------------------------------------
Absent


Node 7 -> query image 5
-----------------------

74 features detected!

Checking for matches...

node 1 checked!...34 matches found!
node 2 checked!...35 matches found!
node 3 checked!...34 matches found!
node 4 checked!...36 matches found!
node 5 checked!...36 matches found!
node 6 checked!...32 matches found!
node 7 checked!...37 matches found!
node 8 checked!...35 matches found!
node 9 checked!...32 matches found!
node 10 checked!...34 matches found!
node 11 checked!...31 matches found!
node 12 checked!...31 matches found!
node 13 checked!...34 matches found!
node 14 checked!...30 matches found!
node 15 checked!...28 matches found!
node 16 checked!...37 matches found!
node 17 checked!...33 matches found!
node 18 checked!...32 matches found!
node 19 checked!...31 matches found!
node 20 checked!...32 matches found!
node 21 checked!...35 matches found!
node 22 checked!...33 matches found!
```

```
node 23 checked!...36 matches found!
node 24 checked!...36 matches found!
node 25 checked!...40 matches found!
node 26 checked!...34 matches found!
node 27 checked!...34 matches found!
node 28 checked!...40 matches found!
node 29 checked!...31 matches found!
node 30 checked!...34 matches found!

Voting array
--------------
[34 35 34 36 36 32 37 35 32 34 31 31 34 30 28 37 33 32 31 32 35 33 36 36 40
 34 34 40 31 34]

Putative nodes
------------
[24  7 16 25 28]

Best matching node from voting array
----------------------------------------
25

Presence of query node in putative nodes
----------------------------------------
Present


Node 7 -> query image 6
-----------------------

94 features detected!

Checking for matches...

node 1 checked!...39 matches found!
node 2 checked!...35 matches found!
node 3 checked!...37 matches found!
node 4 checked!...41 matches found!
node 5 checked!...38 matches found!
node 6 checked!...32 matches found!
node 7 checked!...34 matches found!
node 8 checked!...35 matches found!
node 9 checked!...32 matches found!
node 10 checked!...39 matches found!
node 11 checked!...36 matches found!
node 12 checked!...37 matches found!
node 13 checked!...35 matches found!
node 14 checked!...35 matches found!
node 15 checked!...33 matches found!
node 16 checked!...37 matches found!
node 17 checked!...37 matches found!
node 18 checked!...38 matches found!
node 19 checked!...36 matches found!
node 20 checked!...37 matches found!
node 21 checked!...41 matches found!
node 22 checked!...29 matches found!
node 23 checked!...39 matches found!
node 24 checked!...42 matches found!
node 25 checked!...38 matches found!
node 26 checked!...35 matches found!
node 27 checked!...37 matches found!
node 28 checked!...39 matches found!
```

```
node 29 checked!...37 matches found!
node 30 checked!...39 matches found!

Voting array
--------------
[39 35 37 41 38 32 34 35 32 39 36 37 35 35 33 37 37 38 36 37 41 29 39 42 38
 35 37 39 37 39]

Putative nodes
------------
[10 23 21  4 24]

Best matching node from voting array
----------------------------------------
24

Presence of query node in putative nodes
----------------------------------------
Absent


Node 7 -> query image 7
-----------------------

85 features detected!

Checking for matches...

node 1 checked!...32 matches found!
node 2 checked!...36 matches found!
node 3 checked!...36 matches found!
node 4 checked!...40 matches found!
node 5 checked!...31 matches found!
node 6 checked!...32 matches found!
node 7 checked!...32 matches found!
node 8 checked!...34 matches found!
node 9 checked!...31 matches found!
node 10 checked!...35 matches found!
node 11 checked!...31 matches found!
node 12 checked!...33 matches found!
node 13 checked!...37 matches found!
node 14 checked!...33 matches found!
node 15 checked!...35 matches found!
node 16 checked!...35 matches found!
node 17 checked!...36 matches found!
node 18 checked!...28 matches found!
node 19 checked!...31 matches found!
node 20 checked!...36 matches found!
node 21 checked!...36 matches found!
node 22 checked!...34 matches found!
node 23 checked!...36 matches found!
node 24 checked!...30 matches found!
node 25 checked!...32 matches found!
node 26 checked!...30 matches found!
node 27 checked!...36 matches found!
node 28 checked!...35 matches found!
node 29 checked!...30 matches found!
node 30 checked!...34 matches found!

Voting array
--------------
[32 36 36 40 31 32 32 34 31 35 31 33 37 33 35 35 36 28 31 36 36 34 36 30 32
```

```
 30 36 35 30 34]
```

Putative nodes

[21 23 20 4 13]

Best matching node from voting array

4

Presence of query node in putative nodes

Absent

Node 7 -> query image 8
----

80 features detected!

Checking for matches...

node 1 checked!...31 matches found!
node 2 checked!...34 matches found!
node 3 checked!...35 matches found!
node 4 checked!...34 matches found!
node 5 checked!...37 matches found!
node 6 checked!...32 matches found!
node 7 checked!...29 matches found!
node 8 checked!...37 matches found!
node 9 checked!...31 matches found!
node 10 checked!...36 matches found!
node 11 checked!...31 matches found!
node 12 checked!...30 matches found!
node 13 checked!...34 matches found!
node 14 checked!...34 matches found!
node 15 checked!...35 matches found!
node 16 checked!...32 matches found!
node 17 checked!...31 matches found!
node 18 checked!...36 matches found!
node 19 checked!...32 matches found!
node 20 checked!...33 matches found!
node 21 checked!...37 matches found!
node 22 checked!...32 matches found!
node 23 checked!...34 matches found!
node 24 checked!...33 matches found!
node 25 checked!...35 matches found!
node 26 checked!...33 matches found!
node 27 checked!...34 matches found!
node 28 checked!...37 matches found!
node 29 checked!...27 matches found!
node 30 checked!...34 matches found!

Voting array

[31 34 35 34 37 32 29 37 31 36 31 30 34 34 35 32 31 36 32 33 37 32 34 33 35
 33 34 37 27 34]

Putative nodes

[10 28 5 21 8]

Best matching node from voting array

5

Presence of query node in putative nodes

Absent

Node 7 -> query image 9
----

76 features detected!

Checking for matches...

node 1 checked!...27 matches found!
node 2 checked!...23 matches found!
node 3 checked!...27 matches found!
node 4 checked!...27 matches found!
node 5 checked!...23 matches found!
node 6 checked!...24 matches found!
node 7 checked!...20 matches found!
node 8 checked!...29 matches found!
node 9 checked!...23 matches found!
node 10 checked!...25 matches found!
node 11 checked!...31 matches found!
node 12 checked!...25 matches found!
node 13 checked!...28 matches found!
node 14 checked!...22 matches found!
node 15 checked!...27 matches found!
node 16 checked!...27 matches found!
node 17 checked!...23 matches found!
node 18 checked!...26 matches found!
node 19 checked!...23 matches found!
node 20 checked!...23 matches found!
node 21 checked!...29 matches found!
node 22 checked!...22 matches found!
node 23 checked!...25 matches found!
node 24 checked!...23 matches found!
node 25 checked!...24 matches found!
node 26 checked!...26 matches found!
node 27 checked!...25 matches found!
node 28 checked!...24 matches found!
node 29 checked!...23 matches found!
node 30 checked!...23 matches found!

Voting array

[27 23 27 27 23 24 20 29 23 25 31 25 28 22 27 27 23 26 23 23 29 22 25 23 24
 26 25 24 23 23]

Putative nodes

[15 13 21 8 11]

Best matching node from voting array

11

Presence of query node in putative nodes

Absent

Node 7 -> query image 10
----

86 features detected!

Checking for matches...

node 1 checked!...34 matches found!
node 2 checked!...33 matches found!
node 3 checked!...30 matches found!
node 4 checked!...32 matches found!
node 5 checked!...32 matches found!
node 6 checked!...25 matches found!
node 7 checked!...28 matches found!
node 8 checked!...29 matches found!
node 9 checked!...20 matches found!
node 10 checked!...30 matches found!
node 11 checked!...29 matches found!
node 12 checked!...31 matches found!
node 13 checked!...29 matches found!
node 14 checked!...33 matches found!
node 15 checked!...26 matches found!
node 16 checked!...29 matches found!
node 17 checked!...33 matches found!
node 18 checked!...29 matches found!
node 19 checked!...27 matches found!
node 20 checked!...30 matches found!
node 21 checked!...35 matches found!
node 22 checked!...27 matches found!
node 23 checked!...30 matches found!
node 24 checked!...29 matches found!
node 25 checked!...29 matches found!
node 26 checked!...32 matches found!
node 27 checked!...27 matches found!
node 28 checked!...28 matches found!
node 29 checked!...27 matches found!
node 30 checked!...29 matches found!

Voting array

[34 33 30 32 32 25 28 29 20 30 29 31 29 33 26 29 33 29 27 30 35 27 30 29 29
 32 27 28 27 29]

Putative nodes

[2 14 21 17 1]

Best matching node from voting array

21

Presence of query node in putative nodes

Absent

Node 7 -> query image 11
----

81 features detected!

Checking for matches...

node 1 checked!...33 matches found!
node 2 checked!...32 matches found!
node 3 checked!...33 matches found!
node 4 checked!...37 matches found!
node 5 checked!...35 matches found!
node 6 checked!...36 matches found!
node 7 checked!...34 matches found!
node 8 checked!...37 matches found!
node 9 checked!...30 matches found!
node 10 checked!...36 matches found!
node 11 checked!...38 matches found!
node 12 checked!...34 matches found!
node 13 checked!...32 matches found!
node 14 checked!...34 matches found!
node 15 checked!...32 matches found!
node 16 checked!...36 matches found!
node 17 checked!...33 matches found!
node 18 checked!...30 matches found!
node 19 checked!...34 matches found!
node 20 checked!...33 matches found!
node 21 checked!...35 matches found!
node 22 checked!...29 matches found!
node 23 checked!...37 matches found!
node 24 checked!...43 matches found!
node 25 checked!...35 matches found!
node 26 checked!...31 matches found!
node 27 checked!...31 matches found!
node 28 checked!...34 matches found!
node 29 checked!...33 matches found!
node 30 checked!...36 matches found!

Voting array

[33 32 33 37 35 36 34 37 30 36 38 34 32 34 32 36 33 30 34 33 35 29 37 43 35
 31 31 34 33 36]

Putative nodes

[8 23 24 11 4]

Best matching node from voting array

24

Presence of query node in putative nodes

Absent

Node 7 -> query image 12
----

71 features detected!

Checking for matches...

node 1 checked!...32 matches found!
node 2 checked!...33 matches found!

```
node 3 checked!...28 matches found!
node 4 checked!...34 matches found!
node 5 checked!...29 matches found!
node 6 checked!...32 matches found!
node 7 checked!...35 matches found!
node 8 checked!...32 matches found!
node 9 checked!...28 matches found!
node 10 checked!...31 matches found!
node 11 checked!...29 matches found!
node 12 checked!...32 matches found!
node 13 checked!...32 matches found!
node 14 checked!...35 matches found!
node 15 checked!...30 matches found!
node 16 checked!...35 matches found!
node 17 checked!...36 matches found!
node 18 checked!...31 matches found!
node 19 checked!...27 matches found!
node 20 checked!...31 matches found!
node 21 checked!...33 matches found!
node 22 checked!...29 matches found!
node 23 checked!...33 matches found!
node 24 checked!...37 matches found!
node 25 checked!...32 matches found!
node 26 checked!...30 matches found!
node 27 checked!...34 matches found!
node 28 checked!...35 matches found!
node 29 checked!...27 matches found!
node 30 checked!...35 matches found!
```

Voting array

```
[32 33 28 34 29 32 35 32 28 31 29 32 32 35 30 35 36 31 27 31 33 29 33 37 32
 30 34 35 27 35]
```

Putative nodes

```
[16 14  7 24 17]
```

Best matching node from voting array

24

Presence of query node in putative nodes

Present

Node 7 -> query image 13
----

86 features detected!

Checking for matches...

```
node 1 checked!...34 matches found!
node 2 checked!...31 matches found!
node 3 checked!...33 matches found!
node 4 checked!...39 matches found!
node 5 checked!...36 matches found!
node 6 checked!...31 matches found!
node 7 checked!...34 matches found!
node 8 checked!...38 matches found!
```

```
node 9 checked!...34 matches found!
node 10 checked!...36 matches found!
node 11 checked!...38 matches found!
node 12 checked!...36 matches found!
node 13 checked!...39 matches found!
node 14 checked!...31 matches found!
node 15 checked!...30 matches found!
node 16 checked!...34 matches found!
node 17 checked!...32 matches found!
node 18 checked!...34 matches found!
node 19 checked!...33 matches found!
node 20 checked!...43 matches found!
node 21 checked!...31 matches found!
node 22 checked!...37 matches found!
node 23 checked!...39 matches found!
node 24 checked!...35 matches found!
node 25 checked!...36 matches found!
node 26 checked!...32 matches found!
node 27 checked!...28 matches found!
node 28 checked!...36 matches found!
node 29 checked!...30 matches found!
node 30 checked!...35 matches found!


Voting array
--------------
[34 31 33 39 36 31 34 38 34 36 38 36 39 31 30 34 32 34 33 43 31 37 39 35 36
 32 28 36 30 35]

Putative nodes
------------
[11 13 23  4 20]

Best matching node from voting array
----------------------------------------
20

Presence of query node in putative nodes
----------------------------------------
Absent


Node 7 -> query image 14
------------------------

69 features detected!

Checking for matches...

node 1 checked!...26 matches found!
node 2 checked!...29 matches found!
node 3 checked!...29 matches found!
node 4 checked!...29 matches found!
node 5 checked!...32 matches found!
node 6 checked!...30 matches found!
node 7 checked!...24 matches found!
node 8 checked!...30 matches found!
node 9 checked!...25 matches found!
node 10 checked!...32 matches found!
node 11 checked!...30 matches found!
node 12 checked!...29 matches found!
node 13 checked!...30 matches found!
node 14 checked!...27 matches found!
```

```
node 15 checked!...28 matches found!
node 16 checked!...30 matches found!
node 17 checked!...28 matches found!
node 18 checked!...27 matches found!
node 19 checked!...27 matches found!
node 20 checked!...29 matches found!
node 21 checked!...27 matches found!
node 22 checked!...29 matches found!
node 23 checked!...30 matches found!
node 24 checked!...29 matches found!
node 25 checked!...28 matches found!
node 26 checked!...32 matches found!
node 27 checked!...31 matches found!
node 28 checked!...30 matches found!
node 29 checked!...27 matches found!
node 30 checked!...32 matches found!
```

Voting array

[26 29 29 29 32 30 24 30 25 32 30 29 30 27 28 30 28 27 27 29 27 29 30 29 28
 32 31 30 27 32]

Putative nodes

[27 5 26 10 30]

Best matching node from voting array

5

Presence of query node in putative nodes

Absent

Node 7 -> query image 15
----

98 features detected!

Checking for matches...

```
node 1 checked!...36 matches found!
node 2 checked!...43 matches found!
node 3 checked!...40 matches found!
node 4 checked!...40 matches found!
node 5 checked!...33 matches found!
node 6 checked!...34 matches found!
node 7 checked!...40 matches found!
node 8 checked!...36 matches found!
node 9 checked!...35 matches found!
node 10 checked!...37 matches found!
node 11 checked!...33 matches found!
node 12 checked!...33 matches found!
node 13 checked!...38 matches found!
node 14 checked!...35 matches found!
node 15 checked!...35 matches found!
node 16 checked!...36 matches found!
node 17 checked!...36 matches found!
node 18 checked!...36 matches found!
node 19 checked!...31 matches found!
node 20 checked!...35 matches found!
```

```
node 21 checked!...39 matches found!
node 22 checked!...35 matches found!
node 23 checked!...36 matches found!
node 24 checked!...39 matches found!
node 25 checked!...32 matches found!
node 26 checked!...35 matches found!
node 27 checked!...33 matches found!
node 28 checked!...39 matches found!
node 29 checked!...32 matches found!
node 30 checked!...42 matches found!
```

Voting array

[36 43 40 40 33 34 40 36 35 37 33 33 38 35 35 36 36 36 31 35 39 35 36 39 32
 35 33 39 32 42]

Putative nodes

[3 4 2 7 30]

Best matching node from voting array

2

Presence of query node in putative nodes

Present

Node 7 -> query image 16
----

93 features detected!

Checking for matches...

```
node 1 checked!...38 matches found!
node 2 checked!...35 matches found!
node 3 checked!...33 matches found!
node 4 checked!...43 matches found!
node 5 checked!...36 matches found!
node 6 checked!...35 matches found!
node 7 checked!...37 matches found!
node 8 checked!...40 matches found!
node 9 checked!...29 matches found!
node 10 checked!...39 matches found!
node 11 checked!...37 matches found!
node 12 checked!...40 matches found!
node 13 checked!...36 matches found!
node 14 checked!...41 matches found!
node 15 checked!...34 matches found!
node 16 checked!...38 matches found!
node 17 checked!...42 matches found!
node 18 checked!...38 matches found!
node 19 checked!...35 matches found!
node 20 checked!...34 matches found!
node 21 checked!...35 matches found!
node 22 checked!...32 matches found!
node 23 checked!...40 matches found!
node 24 checked!...36 matches found!
node 25 checked!...31 matches found!
node 26 checked!...38 matches found!
```

```
node 27 checked!...35 matches found!
node 28 checked!...37 matches found!
node 29 checked!...36 matches found!
node 30 checked!...43 matches found!

Voting array
--------------
[38 35 33 43 36 35 37 40 29 39 37 40 36 41 34 38 42 38 35 34 35 32 40 36 31
 38 35 37 36 43]

Putative nodes
------------
[12 14 17  4 30]

Best matching node from voting array
----------------------------------------
4

Presence of query node in putative nodes
----------------------------------------
Absent


Node 7 -> query image 17
------------------------

98 features detected!

Checking for matches...

node 1 checked!...37 matches found!
node 2 checked!...35 matches found!
node 3 checked!...42 matches found!
node 4 checked!...43 matches found!
node 5 checked!...47 matches found!
node 6 checked!...32 matches found!
node 7 checked!...46 matches found!
node 8 checked!...37 matches found!
node 9 checked!...36 matches found!
node 10 checked!...40 matches found!
node 11 checked!...37 matches found!
node 12 checked!...35 matches found!
node 13 checked!...40 matches found!
node 14 checked!...42 matches found!
node 15 checked!...43 matches found!
node 16 checked!...44 matches found!
node 17 checked!...38 matches found!
node 18 checked!...37 matches found!
node 19 checked!...31 matches found!
node 20 checked!...38 matches found!
node 21 checked!...37 matches found!
node 22 checked!...39 matches found!
node 23 checked!...42 matches found!
node 24 checked!...40 matches found!
node 25 checked!...39 matches found!
node 26 checked!...36 matches found!
node 27 checked!...34 matches found!
node 28 checked!...43 matches found!
node 29 checked!...34 matches found!
node 30 checked!...42 matches found!

Voting array
```

```
--------------
[37 35 42 43 47 32 46 37 36 40 37 35 40 42 43 44 38 37 31 38 37 39 42 40 39
 36 34 43 34 42]

Putative nodes
-------------
[15  4 16  7  5]

Best matching node from voting array
----------------------------------------
5

Presence of query node in putative nodes
----------------------------------------
Present


Node 7 -> query image 18
------------------------

86 features detected!

Checking for matches...

node 1 checked!...31 matches found!
node 2 checked!...29 matches found!
node 3 checked!...31 matches found!
node 4 checked!...34 matches found!
node 5 checked!...35 matches found!
node 6 checked!...30 matches found!
node 7 checked!...26 matches found!
node 8 checked!...34 matches found!
node 9 checked!...31 matches found!
node 10 checked!...29 matches found!
node 11 checked!...36 matches found!
node 12 checked!...29 matches found!
node 13 checked!...37 matches found!
node 14 checked!...30 matches found!
node 15 checked!...30 matches found!
node 16 checked!...33 matches found!
node 17 checked!...29 matches found!
node 18 checked!...31 matches found!
node 19 checked!...30 matches found!
node 20 checked!...33 matches found!
node 21 checked!...32 matches found!
node 22 checked!...32 matches found!
node 23 checked!...37 matches found!
node 24 checked!...33 matches found!
node 25 checked!...36 matches found!
node 26 checked!...35 matches found!
node 27 checked!...33 matches found!
node 28 checked!...31 matches found!
node 29 checked!...26 matches found!
node 30 checked!...31 matches found!

Voting array
--------------
[31 29 31 34 35 30 26 34 31 29 36 29 37 30 30 33 29 31 30 33 32 32 37 33 36
 35 33 31 26 31]

Putative nodes
------------
```

[26 11 25 23 13]

Best matching node from voting array

13

Presence of query node in putative nodes

Absent

Node 7 -> query image 19
----

88 features detected!

Checking for matches...

node 1 checked!...31 matches found!
node 2 checked!...29 matches found!
node 3 checked!...35 matches found!
node 4 checked!...36 matches found!
node 5 checked!...36 matches found!
node 6 checked!...30 matches found!
node 7 checked!...28 matches found!
node 8 checked!...34 matches found!
node 9 checked!...31 matches found!
node 10 checked!...34 matches found!
node 11 checked!...35 matches found!
node 12 checked!...28 matches found!
node 13 checked!...35 matches found!
node 14 checked!...32 matches found!
node 15 checked!...32 matches found!
node 16 checked!...33 matches found!
node 17 checked!...34 matches found!
node 18 checked!...35 matches found!
node 19 checked!...32 matches found!
node 20 checked!...38 matches found!
node 21 checked!...36 matches found!
node 22 checked!...28 matches found!
node 23 checked!...38 matches found!
node 24 checked!...35 matches found!
node 25 checked!...37 matches found!
node 26 checked!...34 matches found!
node 27 checked!...35 matches found!
node 28 checked!...34 matches found!
node 29 checked!...30 matches found!
node 30 checked!...32 matches found!

Voting array

[31 29 35 36 36 30 28 34 31 34 35 28 35 32 32 33 34 35 32 38 36 28 38 35 37
 34 35 34 30 32]

Putative nodes

[21 20 4 25 23]

Best matching node from voting array

20

Presence of query node in putative nodes

Absent

Node 7 -> query image 20
----

82 features detected!

Checking for matches...

node 1 checked!...33 matches found!
node 2 checked!...32 matches found!
node 3 checked!...32 matches found!
node 4 checked!...37 matches found!
node 5 checked!...34 matches found!
node 6 checked!...34 matches found!
node 7 checked!...30 matches found!
node 8 checked!...33 matches found!
node 9 checked!...25 matches found!
node 10 checked!...36 matches found!
node 11 checked!...33 matches found!
node 12 checked!...32 matches found!
node 13 checked!...33 matches found!
node 14 checked!...35 matches found!
node 15 checked!...35 matches found!
node 16 checked!...35 matches found!
node 17 checked!...37 matches found!
node 18 checked!...33 matches found!
node 19 checked!...30 matches found!
node 20 checked!...31 matches found!
node 21 checked!...35 matches found!
node 22 checked!...30 matches found!
node 23 checked!...39 matches found!
node 24 checked!...38 matches found!
node 25 checked!...31 matches found!
node 26 checked!...36 matches found!
node 27 checked!...37 matches found!
node 28 checked!...33 matches found!
node 29 checked!...32 matches found!
node 30 checked!...35 matches found!

Voting array

[33 32 32 37 34 34 30 33 25 36 33 32 33 35 35 35 37 33 30 31 35 30 39 38 31
 36 37 33 32 35]

Putative nodes

[27 4 17 23 24]

Best matching node from voting array

23

Presence of query node in putative nodes

Absent

Node 7 -> query image 21

----

95 features detected!

Checking for matches...

node 1 checked!...30 matches found!
node 2 checked!...36 matches found!
node 3 checked!...34 matches found!
node 4 checked!...40 matches found!
node 5 checked!...41 matches found!
node 6 checked!...30 matches found!
node 7 checked!...47 matches found!
node 8 checked!...39 matches found!
node 9 checked!...32 matches found!
node 10 checked!...42 matches found!
node 11 checked!...36 matches found!
node 12 checked!...34 matches found!
node 13 checked!...40 matches found!
node 14 checked!...35 matches found!
node 15 checked!...42 matches found!
node 16 checked!...39 matches found!
node 17 checked!...34 matches found!
node 18 checked!...36 matches found!
node 19 checked!...35 matches found!
node 20 checked!...39 matches found!
node 21 checked!...35 matches found!
node 22 checked!...37 matches found!
node 23 checked!...41 matches found!
node 24 checked!...43 matches found!
node 25 checked!...38 matches found!
node 26 checked!...36 matches found!
node 27 checked!...36 matches found!
node 28 checked!...44 matches found!
node 29 checked!...29 matches found!
node 30 checked!...37 matches found!

Voting array

[30 36 34 40 41 30 47 39 32 42 36 34 40 35 42 39 34 36 35 39 35 37 41 43 38
 36 36 44 29 37]

Putative nodes

[15 7 28 10 24]

Best matching node from voting array

7

Presence of query node in putative nodes

Present

Node 7 -> query image 22
----

99 features detected!

Checking for matches...

```
node 1 checked!...34 matches found!
node 2 checked!...37 matches found!
node 3 checked!...33 matches found!
node 4 checked!...40 matches found!
node 5 checked!...34 matches found!
node 6 checked!...31 matches found!
node 7 checked!...32 matches found!
node 8 checked!...36 matches found!
node 9 checked!...35 matches found!
node 10 checked!...39 matches found!
node 11 checked!...40 matches found!
node 12 checked!...34 matches found!
node 13 checked!...40 matches found!
node 14 checked!...27 matches found!
node 15 checked!...37 matches found!
node 16 checked!...35 matches found!
node 17 checked!...31 matches found!
node 18 checked!...36 matches found!
node 19 checked!...34 matches found!
node 20 checked!...36 matches found!
node 21 checked!...35 matches found!
node 22 checked!...34 matches found!
node 23 checked!...41 matches found!
node 24 checked!...37 matches found!
node 25 checked!...35 matches found!
node 26 checked!...36 matches found!
node 27 checked!...33 matches found!
node 28 checked!...38 matches found!
node 29 checked!...30 matches found!
node 30 checked!...37 matches found!

Voting array
--------------
[34 37 33 40 34 31 32 36 35 39 40 34 40 27 37 35 31 36 34 36 35 34 41 37 35
 36 33 38 30 37]

Putative nodes
------------
[10  4 11 13 23]

Best matching node from voting array
----------------------------------------
23

Presence of query node in putative nodes
----------------------------------------
Absent


Node 7 -> query image 23
------------------------

89 features detected!

Checking for matches...

node 1 checked!...34 matches found!
node 2 checked!...36 matches found!
node 3 checked!...40 matches found!
node 4 checked!...36 matches found!
node 5 checked!...36 matches found!
node 6 checked!...29 matches found!
```

```
node 7 checked!...33 matches found!
node 8 checked!...33 matches found!
node 9 checked!...31 matches found!
node 10 checked!...31 matches found!
node 11 checked!...32 matches found!
node 12 checked!...31 matches found!
node 13 checked!...35 matches found!
node 14 checked!...33 matches found!
node 15 checked!...31 matches found!
node 16 checked!...27 matches found!
node 17 checked!...36 matches found!
node 18 checked!...34 matches found!
node 19 checked!...32 matches found!
node 20 checked!...32 matches found!
node 21 checked!...30 matches found!
node 22 checked!...32 matches found!
node 23 checked!...32 matches found!
node 24 checked!...35 matches found!
node 25 checked!...25 matches found!
node 26 checked!...35 matches found!
node 27 checked!...31 matches found!
node 28 checked!...35 matches found!
node 29 checked!...32 matches found!
node 30 checked!...33 matches found!


Voting array
--------------
[34 36 40 36 36 29 33 33 31 31 32 31 35 33 31 27 36 34 32 32 30 32 32 35 25
 35 31 35 32 33]

Putative nodes
------------
[ 4  5  2  3 17]

Best matching node from voting array
----------------------------------------
3

Presence of query node in putative nodes
----------------------------------------
Absent


Node 7 -> query image 24
------------------------

85 features detected!

Checking for matches...

node 1 checked!...34 matches found!
node 2 checked!...40 matches found!
node 3 checked!...39 matches found!
node 4 checked!...40 matches found!
node 5 checked!...36 matches found!
node 6 checked!...33 matches found!
node 7 checked!...37 matches found!
node 8 checked!...38 matches found!
node 9 checked!...31 matches found!
node 10 checked!...36 matches found!
node 11 checked!...31 matches found!
node 12 checked!...34 matches found!
```

```
node 13 checked!...35 matches found!
node 14 checked!...38 matches found!
node 15 checked!...35 matches found!
node 16 checked!...36 matches found!
node 17 checked!...36 matches found!
node 18 checked!...35 matches found!
node 19 checked!...33 matches found!
node 20 checked!...33 matches found!
node 21 checked!...37 matches found!
node 22 checked!...37 matches found!
node 23 checked!...37 matches found!
node 24 checked!...41 matches found!
node 25 checked!...32 matches found!
node 26 checked!...36 matches found!
node 27 checked!...33 matches found!
node 28 checked!...37 matches found!
node 29 checked!...31 matches found!
node 30 checked!...40 matches found!
```

Voting array

[34 40 39 40 36 33 37 38 31 36 31 34 35 38 35 36 36 35 33 33 37 37 37 41 32
 36 33 37 31 40]

Putative nodes

[3 4 30 2 24]

Best matching node from voting array

24

Presence of query node in putative nodes

Absent

Node 7 -> query image 25
----

94 features detected!

Checking for matches...

```
node 1 checked!...37 matches found!
node 2 checked!...33 matches found!
node 3 checked!...34 matches found!
node 4 checked!...38 matches found!
node 5 checked!...36 matches found!
node 6 checked!...33 matches found!
node 7 checked!...38 matches found!
node 8 checked!...31 matches found!
node 9 checked!...33 matches found!
node 10 checked!...33 matches found!
node 11 checked!...33 matches found!
node 12 checked!...36 matches found!
node 13 checked!...35 matches found!
node 14 checked!...39 matches found!
node 15 checked!...32 matches found!
node 16 checked!...35 matches found!
node 17 checked!...41 matches found!
node 18 checked!...34 matches found!
```

```
node 19 checked!...33 matches found!
node 20 checked!...31 matches found!
node 21 checked!...39 matches found!
node 22 checked!...33 matches found!
node 23 checked!...40 matches found!
node 24 checked!...37 matches found!
node 25 checked!...34 matches found!
node 26 checked!...36 matches found!
node 27 checked!...37 matches found!
node 28 checked!...37 matches found!
node 29 checked!...34 matches found!
node 30 checked!...41 matches found!

Voting array
--------------
[37 33 34 38 36 33 38 31 33 33 33 36 35 39 32 35 41 34 33 31 39 33 40 37 34
 36 37 37 34 41]

Putative nodes
------------
[14 21 23 17 30]

Best matching node from voting array
----------------------------------------
17

Presence of query node in putative nodes
----------------------------------------
Absent


Node 7 -> query image 26
------------------------

98 features detected!

Checking for matches...

node 1 checked!...37 matches found!
node 2 checked!...40 matches found!
node 3 checked!...41 matches found!
node 4 checked!...47 matches found!
node 5 checked!...36 matches found!
node 6 checked!...34 matches found!
node 7 checked!...48 matches found!
node 8 checked!...43 matches found!
node 9 checked!...31 matches found!
node 10 checked!...40 matches found!
node 11 checked!...38 matches found!
node 12 checked!...38 matches found!
node 13 checked!...44 matches found!
node 14 checked!...37 matches found!
node 15 checked!...39 matches found!
node 16 checked!...37 matches found!
node 17 checked!...36 matches found!
node 18 checked!...37 matches found!
node 19 checked!...31 matches found!
node 20 checked!...38 matches found!
node 21 checked!...34 matches found!
node 22 checked!...36 matches found!
node 23 checked!...42 matches found!
node 24 checked!...40 matches found!
```

```
node 25 checked!...37 matches found!
node 26 checked!...33 matches found!
node 27 checked!...36 matches found!
node 28 checked!...45 matches found!
node 29 checked!...29 matches found!
node 30 checked!...38 matches found!

Voting array
--------------
[37 40 41 47 36 34 48 43 31 40 38 38 44 37 39 37 36 37 31 38 34 36 42 40 37
 33 36 45 29 38]

Putative nodes
------------
[ 8 13 28  4  7]

Best matching node from voting array
----------------------------------------
7

Presence of query node in putative nodes
----------------------------------------
Present


Node 7 -> query image 27
------------------------

97 features detected!

Checking for matches...

node 1 checked!...34 matches found!
node 2 checked!...38 matches found!
node 3 checked!...39 matches found!
node 4 checked!...42 matches found!
node 5 checked!...38 matches found!
node 6 checked!...31 matches found!
node 7 checked!...39 matches found!
node 8 checked!...41 matches found!
node 9 checked!...32 matches found!
node 10 checked!...39 matches found!
node 11 checked!...38 matches found!
node 12 checked!...36 matches found!
node 13 checked!...43 matches found!
node 14 checked!...37 matches found!
node 15 checked!...38 matches found!
node 16 checked!...33 matches found!
node 17 checked!...35 matches found!
node 18 checked!...32 matches found!
node 19 checked!...32 matches found!
node 20 checked!...40 matches found!
node 21 checked!...37 matches found!
node 22 checked!...37 matches found!
node 23 checked!...42 matches found!
node 24 checked!...39 matches found!
node 25 checked!...36 matches found!
node 26 checked!...35 matches found!
node 27 checked!...37 matches found!
node 28 checked!...42 matches found!
node 29 checked!...29 matches found!
node 30 checked!...42 matches found!
```

Voting array

[34 38 39 42 38 31 39 41 32 39 38 36 43 37 38 33 35 32 32 40 37 37 42 39 36
 35 37 42 29 42]

Putative nodes

[28 23 4 13 30]

Best matching node from voting array

13

Presence of query node in putative nodes

Absent

Node 7 -> query image 28
----

81 features detected!

Checking for matches...

node 1 checked!...35 matches found!
node 2 checked!...34 matches found!
node 3 checked!...39 matches found!
node 4 checked!...37 matches found!
node 5 checked!...32 matches found!
node 6 checked!...32 matches found!
node 7 checked!...30 matches found!
node 8 checked!...32 matches found!
node 9 checked!...30 matches found!
node 10 checked!...35 matches found!
node 11 checked!...33 matches found!
node 12 checked!...34 matches found!
node 13 checked!...36 matches found!
node 14 checked!...33 matches found!
node 15 checked!...36 matches found!
node 16 checked!...32 matches found!
node 17 checked!...33 matches found!
node 18 checked!...35 matches found!
node 19 checked!...31 matches found!
node 20 checked!...36 matches found!
node 21 checked!...32 matches found!
node 22 checked!...33 matches found!
node 23 checked!...34 matches found!
node 24 checked!...35 matches found!
node 25 checked!...30 matches found!
node 26 checked!...32 matches found!
node 27 checked!...30 matches found!
node 28 checked!...34 matches found!
node 29 checked!...31 matches found!
node 30 checked!...34 matches found!

Voting array

[35 34 39 37 32 32 30 32 30 35 33 34 36 33 36 32 33 35 31 36 32 33 34 35 30
 32 30 34 31 34]

Putative nodes

[20 13 4 3 15]

Best matching node from voting array

3

Presence of query node in putative nodes

Absent

Node 7 -> query image 29
----

92 features detected!

Checking for matches...

node 1 checked!...35 matches found!
node 2 checked!...34 matches found!
node 3 checked!...41 matches found!
node 4 checked!...42 matches found!
node 5 checked!...40 matches found!
node 6 checked!...33 matches found!
node 7 checked!...46 matches found!
node 8 checked!...38 matches found!
node 9 checked!...37 matches found!
node 10 checked!...37 matches found!
node 11 checked!...34 matches found!
node 12 checked!...34 matches found!
node 13 checked!...37 matches found!
node 14 checked!...39 matches found!
node 15 checked!...40 matches found!
node 16 checked!...38 matches found!
node 17 checked!...40 matches found!
node 18 checked!...38 matches found!
node 19 checked!...35 matches found!
node 20 checked!...37 matches found!
node 21 checked!...39 matches found!
node 22 checked!...37 matches found!
node 23 checked!...44 matches found!
node 24 checked!...41 matches found!
node 25 checked!...38 matches found!
node 26 checked!...36 matches found!
node 27 checked!...37 matches found!
node 28 checked!...39 matches found!
node 29 checked!...34 matches found!
node 30 checked!...43 matches found!

Voting array

[35 34 41 42 40 33 46 38 37 37 34 34 37 39 40 38 40 38 35 37 39 37 44 41 38
 36 37 39 34 43]

Putative nodes

[24 4 30 23 7]

Best matching node from voting array

7

Presence of query node in putative nodes

Present

Node 7 -> query image 30
----

96 features detected!

Checking for matches...

node 1 checked!...32 matches found!
node 2 checked!...33 matches found!
node 3 checked!...33 matches found!
node 4 checked!...36 matches found!
node 5 checked!...37 matches found!
node 6 checked!...30 matches found!
node 7 checked!...50 matches found!
node 8 checked!...39 matches found!
node 9 checked!...32 matches found!
node 10 checked!...39 matches found!
node 11 checked!...38 matches found!
node 12 checked!...39 matches found!
node 13 checked!...40 matches found!
node 14 checked!...37 matches found!
node 15 checked!...41 matches found!
node 16 checked!...40 matches found!
node 17 checked!...36 matches found!
node 18 checked!...36 matches found!
node 19 checked!...35 matches found!
node 20 checked!...38 matches found!
node 21 checked!...34 matches found!
node 22 checked!...37 matches found!
node 23 checked!...41 matches found!
node 24 checked!...41 matches found!
node 25 checked!...42 matches found!
node 26 checked!...34 matches found!
node 27 checked!...34 matches found!
node 28 checked!...44 matches found!
node 29 checked!...32 matches found!
node 30 checked!...37 matches found!

Voting array

[32 33 33 36 37 30 50 39 32 39 38 39 40 37 41 40 36 36 35 38 34 37 41 41 42
 34 34 44 32 37]

Putative nodes

[24 15 25 7 28]

Best matching node from voting array

7

Presence of query node in putative nodes

Present

Node 7 -> query image 31
----

95 features detected!

Checking for matches...

node 1 checked!...33 matches found!
node 2 checked!...35 matches found!
node 3 checked!...37 matches found!
node 4 checked!...39 matches found!
node 5 checked!...37 matches found!
node 6 checked!...31 matches found!
node 7 checked!...33 matches found!
node 8 checked!...37 matches found!
node 9 checked!...34 matches found!
node 10 checked!...39 matches found!
node 11 checked!...35 matches found!
node 12 checked!...36 matches found!
node 13 checked!...41 matches found!
node 14 checked!...36 matches found!
node 15 checked!...36 matches found!
node 16 checked!...31 matches found!
node 17 checked!...36 matches found!
node 18 checked!...31 matches found!
node 19 checked!...33 matches found!
node 20 checked!...36 matches found!
node 21 checked!...37 matches found!
node 22 checked!...34 matches found!
node 23 checked!...38 matches found!
node 24 checked!...36 matches found!
node 25 checked!...36 matches found!
node 26 checked!...33 matches found!
node 27 checked!...36 matches found!
node 28 checked!...40 matches found!
node 29 checked!...27 matches found!
node 30 checked!...38 matches found!

Voting array

[33 35 37 39 37 31 33 37 34 39 35 36 41 36 36 31 36 31 33 36 37 34 38 36 36
 33 36 40 27 38]

Putative nodes

[23 10 4 13 28]

Best matching node from voting array

13

Presence of query node in putative nodes

Absent

Node 7 -> query image 32
----

95 features detected!

Checking for matches...

node 1 checked!...34 matches found!
node 2 checked!...38 matches found!
node 3 checked!...38 matches found!
node 4 checked!...36 matches found!
node 5 checked!...37 matches found!
node 6 checked!...31 matches found!
node 7 checked!...35 matches found!
node 8 checked!...34 matches found!
node 9 checked!...34 matches found!
node 10 checked!...38 matches found!
node 11 checked!...35 matches found!
node 12 checked!...33 matches found!
node 13 checked!...41 matches found!
node 14 checked!...36 matches found!
node 15 checked!...35 matches found!
node 16 checked!...38 matches found!
node 17 checked!...37 matches found!
node 18 checked!...41 matches found!
node 19 checked!...33 matches found!
node 20 checked!...36 matches found!
node 21 checked!...38 matches found!
node 22 checked!...35 matches found!
node 23 checked!...37 matches found!
node 24 checked!...36 matches found!
node 25 checked!...36 matches found!
node 26 checked!...36 matches found!
node 27 checked!...35 matches found!
node 28 checked!...35 matches found!
node 29 checked!...36 matches found!
node 30 checked!...40 matches found!

Voting array

[34 38 38 36 37 31 35 34 34 38 35 33 41 36 35 38 37 41 33 36 38 35 37 36 36
 36 35 35 36 40]

Putative nodes

[2 16 30 18 13]

Best matching node from voting array

13

Presence of query node in putative nodes

Absent

Node 7 -> query image 33
----

55 features detected!

Checking for matches...

node 1 checked!...29 matches found!
node 2 checked!...28 matches found!
node 3 checked!...28 matches found!
node 4 checked!...31 matches found!

```
node 5 checked!...32 matches found!
node 6 checked!...24 matches found!
node 7 checked!...24 matches found!
node 8 checked!...28 matches found!
node 9 checked!...22 matches found!
node 10 checked!...25 matches found!
node 11 checked!...25 matches found!
node 12 checked!...28 matches found!
node 13 checked!...26 matches found!
node 14 checked!...26 matches found!
node 15 checked!...27 matches found!
node 16 checked!...33 matches found!
node 17 checked!...25 matches found!
node 18 checked!...27 matches found!
node 19 checked!...29 matches found!
node 20 checked!...31 matches found!
node 21 checked!...29 matches found!
node 22 checked!...23 matches found!
node 23 checked!...29 matches found!
node 24 checked!...28 matches found!
node 25 checked!...27 matches found!
node 26 checked!...29 matches found!
node 27 checked!...28 matches found!
node 28 checked!...26 matches found!
node 29 checked!...28 matches found!
node 30 checked!...29 matches found!

Voting array
--------------
[29 28 28 31 32 24 24 28 22 25 25 28 26 26 27 33 25 27 29 31 29 23 29 28 27
 29 28 26 28 29]

Putative nodes
------------
[19  4 20  5 16]

Best matching node from voting array
----------------------------------------
16

Presence of query node in putative nodes
----------------------------------------
Absent


Node 7 -> query image 34
------------------------

81 features detected!

Checking for matches...

node 1 checked!...37 matches found!
node 2 checked!...35 matches found!
node 3 checked!...33 matches found!
node 4 checked!...39 matches found!
node 5 checked!...41 matches found!
node 6 checked!...34 matches found!
node 7 checked!...34 matches found!
node 8 checked!...35 matches found!
node 9 checked!...32 matches found!
node 10 checked!...39 matches found!
```

```
node 11 checked!...37 matches found!
node 12 checked!...38 matches found!
node 13 checked!...36 matches found!
node 14 checked!...35 matches found!
node 15 checked!...35 matches found!
node 16 checked!...36 matches found!
node 17 checked!...37 matches found!
node 18 checked!...39 matches found!
node 19 checked!...32 matches found!
node 20 checked!...30 matches found!
node 21 checked!...35 matches found!
node 22 checked!...29 matches found!
node 23 checked!...36 matches found!
node 24 checked!...34 matches found!
node 25 checked!...40 matches found!
node 26 checked!...36 matches found!
node 27 checked!...40 matches found!
node 28 checked!...38 matches found!
node 29 checked!...39 matches found!
node 30 checked!...37 matches found!
```

Voting array

[37 35 33 39 41 34 34 35 32 39 37 38 36 35 35 36 37 39 32 30 35 29 36 34 40
 36 40 38 39 37]

Putative nodes

[4 10 25 27 5]

Best matching node from voting array

5

Presence of query node in putative nodes

Absent

Node 7 -> query image 35
----

0 features detected!

Checking for matches...

```
node 1 checked!...0 matches found!
node 2 checked!...0 matches found!
node 3 checked!...0 matches found!
node 4 checked!...0 matches found!
node 5 checked!...0 matches found!
node 6 checked!...0 matches found!
node 7 checked!...0 matches found!
node 8 checked!...0 matches found!
node 9 checked!...0 matches found!
node 10 checked!...0 matches found!
node 11 checked!...0 matches found!
node 12 checked!...0 matches found!
node 13 checked!...0 matches found!
node 14 checked!...0 matches found!
node 15 checked!...0 matches found!
node 16 checked!...0 matches found!
```

```
node 17 checked!...0 matches found!
node 18 checked!...0 matches found!
node 19 checked!...0 matches found!
node 20 checked!...0 matches found!
node 21 checked!...0 matches found!
node 22 checked!...0 matches found!
node 23 checked!...0 matches found!
node 24 checked!...0 matches found!
node 25 checked!...0 matches found!
node 26 checked!...0 matches found!
node 27 checked!...0 matches found!
node 28 checked!...0 matches found!
node 29 checked!...0 matches found!
node 30 checked!...0 matches found!
```

Voting array

[0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0]

Unable to predict a matching node and putative nodes!

Node 7 -> query image 36
----

67 features detected!

Checking for matches...

```
node 1 checked!...24 matches found!
node 2 checked!...31 matches found!
node 3 checked!...25 matches found!
node 4 checked!...29 matches found!
node 5 checked!...30 matches found!
node 6 checked!...27 matches found!
node 7 checked!...26 matches found!
node 8 checked!...28 matches found!
node 9 checked!...28 matches found!
node 10 checked!...28 matches found!
node 11 checked!...30 matches found!
node 12 checked!...28 matches found!
node 13 checked!...30 matches found!
node 14 checked!...31 matches found!
node 15 checked!...31 matches found!
node 16 checked!...32 matches found!
node 17 checked!...26 matches found!
node 18 checked!...27 matches found!
node 19 checked!...32 matches found!
node 20 checked!...28 matches found!
node 21 checked!...33 matches found!
node 22 checked!...30 matches found!
node 23 checked!...28 matches found!
node 24 checked!...28 matches found!
node 25 checked!...26 matches found!
node 26 checked!...26 matches found!
node 27 checked!...31 matches found!
node 28 checked!...30 matches found!
node 29 checked!...29 matches found!
node 30 checked!...30 matches found!
```

Voting array

[24 31 25 29 30 27 26 28 28 28 30 28 30 31 31 32 26 27 32 28 33 30 28 28 26

```
 26 31 30 29 30]
```

Putative nodes

[15 19 2 16 21]

Best matching node from voting array

21

Presence of query node in putative nodes

Absent

Node 7 -> query image 37
----

49 features detected!

Checking for matches...

```
node 1 checked!...21 matches found!
node 2 checked!...20 matches found!
node 3 checked!...22 matches found!
node 4 checked!...20 matches found!
node 5 checked!...20 matches found!
node 6 checked!...19 matches found!
node 7 checked!...14 matches found!
node 8 checked!...19 matches found!
node 9 checked!...16 matches found!
node 10 checked!...19 matches found!
node 11 checked!...23 matches found!
node 12 checked!...22 matches found!
node 13 checked!...20 matches found!
node 14 checked!...23 matches found!
node 15 checked!...16 matches found!
node 16 checked!...17 matches found!
node 17 checked!...19 matches found!
node 18 checked!...19 matches found!
node 19 checked!...17 matches found!
node 20 checked!...20 matches found!
node 21 checked!...23 matches found!
node 22 checked!...17 matches found!
node 23 checked!...21 matches found!
node 24 checked!...22 matches found!
node 25 checked!...18 matches found!
node 26 checked!...17 matches found!
node 27 checked!...19 matches found!
node 28 checked!...19 matches found!
node 29 checked!...18 matches found!
node 30 checked!...19 matches found!
```

Voting array

[21 20 22 20 20 19 14 19 16 19 23 22 20 23 16 17 19 19 17 20 23 17 21 22 18
 17 19 19 18 19]

Putative nodes

[3 24 14 11 21]

Best matching node from voting array

11

Presence of query node in putative nodes

Absent

Node 7 -> query image 38
----

92 features detected!

Checking for matches...

node 1 checked!...37 matches found!
node 2 checked!...31 matches found!
node 3 checked!...34 matches found!
node 4 checked!...40 matches found!
node 5 checked!...39 matches found!
node 6 checked!...35 matches found!
node 7 checked!...38 matches found!
node 8 checked!...36 matches found!
node 9 checked!...29 matches found!
node 10 checked!...38 matches found!
node 11 checked!...37 matches found!
node 12 checked!...37 matches found!
node 13 checked!...34 matches found!
node 14 checked!...38 matches found!
node 15 checked!...30 matches found!
node 16 checked!...41 matches found!
node 17 checked!...37 matches found!
node 18 checked!...38 matches found!
node 19 checked!...31 matches found!
node 20 checked!...33 matches found!
node 21 checked!...40 matches found!
node 22 checked!...30 matches found!
node 23 checked!...33 matches found!
node 24 checked!...38 matches found!
node 25 checked!...35 matches found!
node 26 checked!...35 matches found!
node 27 checked!...33 matches found!
node 28 checked!...40 matches found!
node 29 checked!...35 matches found!
node 30 checked!...38 matches found!

Voting array

[37 31 34 40 39 35 38 36 29 38 37 37 34 38 30 41 37 38 31 33 40 30 33 38 35
 35 33 40 35 38]

Putative nodes

[5 21 28 4 16]

Best matching node from voting array

16

Presence of query node in putative nodes

Absent

Node 7 -> query image 39
----

91 features detected!

Checking for matches...

node 1 checked!...31 matches found!
node 2 checked!...26 matches found!
node 3 checked!...26 matches found!
node 4 checked!...35 matches found!
node 5 checked!...31 matches found!
node 6 checked!...31 matches found!
node 7 checked!...29 matches found!
node 8 checked!...30 matches found!
node 9 checked!...28 matches found!
node 10 checked!...31 matches found!
node 11 checked!...38 matches found!
node 12 checked!...31 matches found!
node 13 checked!...32 matches found!
node 14 checked!...31 matches found!
node 15 checked!...29 matches found!
node 16 checked!...37 matches found!
node 17 checked!...35 matches found!
node 18 checked!...33 matches found!
node 19 checked!...30 matches found!
node 20 checked!...30 matches found!
node 21 checked!...36 matches found!
node 22 checked!...27 matches found!
node 23 checked!...36 matches found!
node 24 checked!...31 matches found!
node 25 checked!...28 matches found!
node 26 checked!...39 matches found!
node 27 checked!...29 matches found!
node 28 checked!...35 matches found!
node 29 checked!...26 matches found!
node 30 checked!...32 matches found!

Voting array

[31 26 26 35 31 31 29 30 28 31 38 31 32 31 29 37 35 33 30 30 36 27 36 31 28
 39 29 35 26 32]

Putative nodes

[21 26 16 23 11]

Best matching node from voting array

26

Presence of query node in putative nodes

Absent

Node 7 -> query image 40
----

76 features detected!

Checking for matches...

node 1 checked!...30 matches found!
node 2 checked!...31 matches found!
node 3 checked!...34 matches found!
node 4 checked!...36 matches found!
node 5 checked!...36 matches found!
node 6 checked!...36 matches found!
node 7 checked!...30 matches found!
node 8 checked!...33 matches found!
node 9 checked!...33 matches found!
node 10 checked!...37 matches found!
node 11 checked!...31 matches found!
node 12 checked!...33 matches found!
node 13 checked!...36 matches found!
node 14 checked!...36 matches found!
node 15 checked!...35 matches found!
node 16 checked!...33 matches found!
node 17 checked!...36 matches found!
node 18 checked!...39 matches found!
node 19 checked!...32 matches found!
node 20 checked!...33 matches found!
node 21 checked!...31 matches found!
node 22 checked!...31 matches found!
node 23 checked!...32 matches found!
node 24 checked!...32 matches found!
node 25 checked!...33 matches found!
node 26 checked!...28 matches found!
node 27 checked!...34 matches found!
node 28 checked!...37 matches found!
node 29 checked!...23 matches found!
node 30 checked!...33 matches found!

Voting array

[30 31 34 36 36 36 30 33 33 37 31 33 36 36 35 33 36 39 32 33 31 31 32 32 33
 28 34 37 23 33]

Putative nodes

[6 5 28 18 10]

Best matching node from voting array

18

Presence of query node in putative nodes

Absent

 Node 7 testing completed!

Node 8 -> query image 1
----

67 features detected!

Checking for matches...

```
node 1 checked!...32 matches found!
node 2 checked!...30 matches found!
node 3 checked!...32 matches found!
node 4 checked!...37 matches found!
node 5 checked!...36 matches found!
node 6 checked!...24 matches found!
node 7 checked!...27 matches found!
node 8 checked!...33 matches found!
node 9 checked!...30 matches found!
node 10 checked!...28 matches found!
node 11 checked!...32 matches found!
node 12 checked!...28 matches found!
node 13 checked!...35 matches found!
node 14 checked!...32 matches found!
node 15 checked!...32 matches found!
node 16 checked!...31 matches found!
node 17 checked!...31 matches found!
node 18 checked!...33 matches found!
node 19 checked!...29 matches found!
node 20 checked!...29 matches found!
node 21 checked!...36 matches found!
node 22 checked!...25 matches found!
node 23 checked!...36 matches found!
node 24 checked!...32 matches found!
node 25 checked!...36 matches found!
node 26 checked!...33 matches found!
node 27 checked!...33 matches found!
node 28 checked!...32 matches found!
node 29 checked!...32 matches found!
node 30 checked!...32 matches found!
```

Voting array

[32 30 32 37 36 24 27 33 30 28 32 28 35 32 32 31 31 33 29 29 36 25 36 32 36
 33 33 32 32 32]

Putative nodes

[25 21 4 5 23]

Best matching node from voting array

4

Presence of query node in putative nodes

Absent

Node 8 -> query image 2
----

33 features detected!

Checking for matches...

```
node 1 checked!...19 matches found!
node 2 checked!...18 matches found!
node 3 checked!...17 matches found!
node 4 checked!...23 matches found!
node 5 checked!...21 matches found!
```

```
node 6 checked!...17 matches found!
node 7 checked!...21 matches found!
node 8 checked!...19 matches found!
node 9 checked!...15 matches found!
node 10 checked!...17 matches found!
node 11 checked!...21 matches found!
node 12 checked!...17 matches found!
node 13 checked!...18 matches found!
node 14 checked!...18 matches found!
node 15 checked!...20 matches found!
node 16 checked!...17 matches found!
node 17 checked!...19 matches found!
node 18 checked!...20 matches found!
node 19 checked!...17 matches found!
node 20 checked!...20 matches found!
node 21 checked!...19 matches found!
node 22 checked!...18 matches found!
node 23 checked!...20 matches found!
node 24 checked!...17 matches found!
node 25 checked!...20 matches found!
node 26 checked!...20 matches found!
node 27 checked!...19 matches found!
node 28 checked!...18 matches found!
node 29 checked!...20 matches found!
node 30 checked!...20 matches found!
```

```
Voting array
--------------
[19 18 17 23 21 17 21 19 15 17 21 17 18 18 20 17 19 20 17 20 19 18 20 17 20
 20 19 18 20 20]
```

```
Putative nodes
------------
[20 11  5  4  7]
```

```
Best matching node from voting array
----------------------------------------
4
```

```
Presence of query node in putative nodes
----------------------------------------
Absent
```

```
Node 8 -> query image 3
-----------------------
```

```
79 features detected!
```

```
Checking for matches...
```

```
node 1 checked!...34 matches found!
node 2 checked!...33 matches found!
node 3 checked!...36 matches found!
node 4 checked!...42 matches found!
node 5 checked!...39 matches found!
node 6 checked!...33 matches found!
node 7 checked!...35 matches found!
node 8 checked!...37 matches found!
node 9 checked!...27 matches found!
node 10 checked!...33 matches found!
node 11 checked!...34 matches found!
```

```
node 12 checked!...34 matches found!
node 13 checked!...37 matches found!
node 14 checked!...29 matches found!
node 15 checked!...36 matches found!
node 16 checked!...39 matches found!
node 17 checked!...37 matches found!
node 18 checked!...37 matches found!
node 19 checked!...33 matches found!
node 20 checked!...33 matches found!
node 21 checked!...35 matches found!
node 22 checked!...30 matches found!
node 23 checked!...40 matches found!
node 24 checked!...39 matches found!
node 25 checked!...34 matches found!
node 26 checked!...39 matches found!
node 27 checked!...36 matches found!
node 28 checked!...38 matches found!
node 29 checked!...37 matches found!
node 30 checked!...35 matches found!

Voting array
--------------
[34 33 36 42 39 33 35 37 27 33 34 34 37 29 36 39 37 37 33 33 35 30 40 39 34
 39 36 38 37 35]

Putative nodes
------------
[26 24 16 23  4]

Best matching node from voting array
----------------------------------------
4

Presence of query node in putative nodes
----------------------------------------
Absent


Node 8 -> query image 4
------------------------

0 features detected!

Checking for matches...

node 1 checked!...0 matches found!
node 2 checked!...0 matches found!
node 3 checked!...0 matches found!
node 4 checked!...0 matches found!
node 5 checked!...0 matches found!
node 6 checked!...0 matches found!
node 7 checked!...0 matches found!
node 8 checked!...0 matches found!
node 9 checked!...0 matches found!
node 10 checked!...0 matches found!
node 11 checked!...0 matches found!
node 12 checked!...0 matches found!
node 13 checked!...0 matches found!
node 14 checked!...0 matches found!
node 15 checked!...0 matches found!
node 16 checked!...0 matches found!
node 17 checked!...0 matches found!
```

```
node 18 checked!...0 matches found!
node 19 checked!...0 matches found!
node 20 checked!...0 matches found!
node 21 checked!...0 matches found!
node 22 checked!...0 matches found!
node 23 checked!...0 matches found!
node 24 checked!...0 matches found!
node 25 checked!...0 matches found!
node 26 checked!...0 matches found!
node 27 checked!...0 matches found!
node 28 checked!...0 matches found!
node 29 checked!...0 matches found!
node 30 checked!...0 matches found!

Voting array
--------------
[0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0]

Unable to predict a matching node and putative nodes!

Node 8 -> query image 5
------------------------

0 features detected!

Checking for matches...

node 1 checked!...0 matches found!
node 2 checked!...0 matches found!
node 3 checked!...0 matches found!
node 4 checked!...0 matches found!
node 5 checked!...0 matches found!
node 6 checked!...0 matches found!
node 7 checked!...0 matches found!
node 8 checked!...0 matches found!
node 9 checked!...0 matches found!
node 10 checked!...0 matches found!
node 11 checked!...0 matches found!
node 12 checked!...0 matches found!
node 13 checked!...0 matches found!
node 14 checked!...0 matches found!
node 15 checked!...0 matches found!
node 16 checked!...0 matches found!
node 17 checked!...0 matches found!
node 18 checked!...0 matches found!
node 19 checked!...0 matches found!
node 20 checked!...0 matches found!
node 21 checked!...0 matches found!
node 22 checked!...0 matches found!
node 23 checked!...0 matches found!
node 24 checked!...0 matches found!
node 25 checked!...0 matches found!
node 26 checked!...0 matches found!
node 27 checked!...0 matches found!
node 28 checked!...0 matches found!
node 29 checked!...0 matches found!
node 30 checked!...0 matches found!

Voting array
--------------
[0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0]
```

Unable to predict a matching node and putative nodes!

Node 8 -> query image 6
----

84 features detected!

Checking for matches...

node 1 checked!...30 matches found!
node 2 checked!...33 matches found!
node 3 checked!...38 matches found!
node 4 checked!...40 matches found!
node 5 checked!...37 matches found!
node 6 checked!...37 matches found!
node 7 checked!...42 matches found!
node 8 checked!...42 matches found!
node 9 checked!...31 matches found!
node 10 checked!...33 matches found!
node 11 checked!...35 matches found!
node 12 checked!...37 matches found!
node 13 checked!...34 matches found!
node 14 checked!...32 matches found!
node 15 checked!...31 matches found!
node 16 checked!...32 matches found!
node 17 checked!...38 matches found!
node 18 checked!...33 matches found!
node 19 checked!...31 matches found!
node 20 checked!...33 matches found!
node 21 checked!...36 matches found!
node 22 checked!...29 matches found!
node 23 checked!...41 matches found!
node 24 checked!...41 matches found!
node 25 checked!...33 matches found!
node 26 checked!...37 matches found!
node 27 checked!...34 matches found!
node 28 checked!...38 matches found!
node 29 checked!...37 matches found!
node 30 checked!...39 matches found!

Voting array

[30 33 38 40 37 37 42 42 31 33 35 37 34 32 31 32 38 33 31 33 36 29 41 41 33
 37 34 38 37 39]

Putative nodes

[4 23 24 8 7]

Best matching node from voting array

7

Presence of query node in putative nodes

Present

Node 8 -> query image 7
----

56 features detected!

Checking for matches...

node 1 checked!...23 matches found!
node 2 checked!...30 matches found!
node 3 checked!...28 matches found!
node 4 checked!...28 matches found!
node 5 checked!...28 matches found!
node 6 checked!...23 matches found!
node 7 checked!...24 matches found!
node 8 checked!...26 matches found!
node 9 checked!...22 matches found!
node 10 checked!...25 matches found!
node 11 checked!...27 matches found!
node 12 checked!...25 matches found!
node 13 checked!...27 matches found!
node 14 checked!...23 matches found!
node 15 checked!...23 matches found!
node 16 checked!...23 matches found!
node 17 checked!...25 matches found!
node 18 checked!...25 matches found!
node 19 checked!...22 matches found!
node 20 checked!...24 matches found!
node 21 checked!...27 matches found!
node 22 checked!...19 matches found!
node 23 checked!...23 matches found!
node 24 checked!...22 matches found!
node 25 checked!...19 matches found!
node 26 checked!...24 matches found!
node 27 checked!...21 matches found!
node 28 checked!...25 matches found!
node 29 checked!...23 matches found!
node 30 checked!...24 matches found!

Voting array

[23 30 28 28 28 23 24 26 22 25 27 25 27 23 23 23 25 25 22 24 27 19 23 22 19
 24 21 25 23 24]

Putative nodes

[11 3 5 2 4]

Best matching node from voting array

2

Presence of query node in putative nodes

Absent

Node 8 -> query image 8
----

68 features detected!

Checking for matches...

node 1 checked!...27 matches found!
node 2 checked!...30 matches found!
node 3 checked!...24 matches found!

```
node 4 checked!...28 matches found!
node 5 checked!...27 matches found!
node 6 checked!...21 matches found!
node 7 checked!...20 matches found!
node 8 checked!...30 matches found!
node 9 checked!...22 matches found!
node 10 checked!...24 matches found!
node 11 checked!...32 matches found!
node 12 checked!...25 matches found!
node 13 checked!...23 matches found!
node 14 checked!...32 matches found!
node 15 checked!...28 matches found!
node 16 checked!...26 matches found!
node 17 checked!...26 matches found!
node 18 checked!...23 matches found!
node 19 checked!...25 matches found!
node 20 checked!...26 matches found!
node 21 checked!...27 matches found!
node 22 checked!...29 matches found!
node 23 checked!...29 matches found!
node 24 checked!...28 matches found!
node 25 checked!...23 matches found!
node 26 checked!...31 matches found!
node 27 checked!...29 matches found!
node 28 checked!...27 matches found!
node 29 checked!...22 matches found!
node 30 checked!...26 matches found!

Voting array
--------------
[27 30 24 28 27 21 20 30 22 24 32 25 23 32 28 26 26 23 25 26 27 29 29 28 23
 31 29 27 22 26]

Putative nodes
------------
[ 2 14  8 11 26]

Best matching node from voting array
----------------------------------------
11

Presence of query node in putative nodes
----------------------------------------
Present


Node 8 -> query image 9
-----------------------

92 features detected!

Checking for matches...

node 1 checked!...33 matches found!
node 2 checked!...30 matches found!
node 3 checked!...32 matches found!
node 4 checked!...38 matches found!
node 5 checked!...29 matches found!
node 6 checked!...30 matches found!
node 7 checked!...27 matches found!
node 8 checked!...37 matches found!
node 9 checked!...32 matches found!
```

```
node 10 checked!...31 matches found!
node 11 checked!...31 matches found!
node 12 checked!...30 matches found!
node 13 checked!...32 matches found!
node 14 checked!...33 matches found!
node 15 checked!...33 matches found!
node 16 checked!...34 matches found!
node 17 checked!...36 matches found!
node 18 checked!...31 matches found!
node 19 checked!...27 matches found!
node 20 checked!...31 matches found!
node 21 checked!...35 matches found!
node 22 checked!...29 matches found!
node 23 checked!...36 matches found!
node 24 checked!...30 matches found!
node 25 checked!...23 matches found!
node 26 checked!...36 matches found!
node 27 checked!...28 matches found!
node 28 checked!...35 matches found!
node 29 checked!...30 matches found!
node 30 checked!...31 matches found!
```

Voting array

[33 30 32 38 29 30 27 37 32 31 31 30 32 33 33 34 36 31 27 31 35 29 36 30 23
 36 28 35 30 31]

Putative nodes

[23 8 17 4 26]

Best matching node from voting array

4

Presence of query node in putative nodes

Present

Node 8 -> query image 10
----

63 features detected!

Checking for matches...

```
node 1 checked!...20 matches found!
node 2 checked!...23 matches found!
node 3 checked!...25 matches found!
node 4 checked!...29 matches found!
node 5 checked!...25 matches found!
node 6 checked!...22 matches found!
node 7 checked!...21 matches found!
node 8 checked!...23 matches found!
node 9 checked!...22 matches found!
node 10 checked!...27 matches found!
node 11 checked!...23 matches found!
node 12 checked!...22 matches found!
node 13 checked!...23 matches found!
node 14 checked!...23 matches found!
node 15 checked!...22 matches found!
```

```
node 16 checked!...21 matches found!
node 17 checked!...23 matches found!
node 18 checked!...23 matches found!
node 19 checked!...24 matches found!
node 20 checked!...22 matches found!
node 21 checked!...25 matches found!
node 22 checked!...28 matches found!
node 23 checked!...30 matches found!
node 24 checked!...21 matches found!
node 25 checked!...22 matches found!
node 26 checked!...26 matches found!
node 27 checked!...27 matches found!
node 28 checked!...27 matches found!
node 29 checked!...21 matches found!
node 30 checked!...21 matches found!

Voting array
--------------
[20 23 25 29 25 22 21 23 22 27 23 22 23 23 22 21 23 23 24 22 25 28 30 21 22
 26 27 27 21 21]

Putative nodes
------------
[27 28 22  4 23]

Best matching node from voting array
----------------------------------------
23

Presence of query node in putative nodes
----------------------------------------
Absent


Node 8 -> query image 11
------------------------

89 features detected!

Checking for matches...

node 1 checked!...35 matches found!
node 2 checked!...36 matches found!
node 3 checked!...37 matches found!
node 4 checked!...39 matches found!
node 5 checked!...37 matches found!
node 6 checked!...32 matches found!
node 7 checked!...37 matches found!
node 8 checked!...41 matches found!
node 9 checked!...33 matches found!
node 10 checked!...38 matches found!
node 11 checked!...34 matches found!
node 12 checked!...35 matches found!
node 13 checked!...32 matches found!
node 14 checked!...32 matches found!
node 15 checked!...31 matches found!
node 16 checked!...40 matches found!
node 17 checked!...38 matches found!
node 18 checked!...34 matches found!
node 19 checked!...34 matches found!
node 20 checked!...34 matches found!
node 21 checked!...32 matches found!
```

```
node 22 checked!...31 matches found!
node 23 checked!...39 matches found!
node 24 checked!...40 matches found!
node 25 checked!...36 matches found!
node 26 checked!...43 matches found!
node 27 checked!...37 matches found!
node 28 checked!...40 matches found!
node 29 checked!...36 matches found!
node 30 checked!...42 matches found!

Voting array
--------------
[35 36 37 39 37 32 37 41 33 38 34 35 32 32 31 40 38 34 34 34 32 31 39 40 36
 43 37 40 36 42]

Putative nodes
------------
[16 24  8 26 30]

Best matching node from voting array
----------------------------------------
26

Presence of query node in putative nodes
----------------------------------------
Present


Node 8 -> query image 12
------------------------

88 features detected!

Checking for matches...

node 1 checked!...36 matches found!
node 2 checked!...39 matches found!
node 3 checked!...39 matches found!
node 4 checked!...40 matches found!
node 5 checked!...43 matches found!
node 6 checked!...37 matches found!
node 7 checked!...35 matches found!
node 8 checked!...40 matches found!
node 9 checked!...34 matches found!
node 10 checked!...45 matches found!
node 11 checked!...38 matches found!
node 12 checked!...38 matches found!
node 13 checked!...39 matches found!
node 14 checked!...31 matches found!
node 15 checked!...40 matches found!
node 16 checked!...40 matches found!
node 17 checked!...39 matches found!
node 18 checked!...39 matches found!
node 19 checked!...38 matches found!
node 20 checked!...36 matches found!
node 21 checked!...40 matches found!
node 22 checked!...35 matches found!
node 23 checked!...42 matches found!
node 24 checked!...41 matches found!
node 25 checked!...41 matches found!
node 26 checked!...47 matches found!
node 27 checked!...36 matches found!
```

```
node 28 checked!...39 matches found!
node 29 checked!...37 matches found!
node 30 checked!...35 matches found!

Voting array
--------------
[36 39 39 40 43 37 35 40 34 45 38 38 39 31 40 40 39 39 38 36 40 35 42 41 41
 47 36 39 37 35]

Putative nodes
------------
[24 23  5 10 26]

Best matching node from voting array
----------------------------------------
26

Presence of query node in putative nodes
----------------------------------------
Absent


Node 8 -> query image 13
------------------------

95 features detected!

Checking for matches...

node 1 checked!...35 matches found!
node 2 checked!...36 matches found!
node 3 checked!...37 matches found!
node 4 checked!...43 matches found!
node 5 checked!...36 matches found!
node 6 checked!...35 matches found!
node 7 checked!...29 matches found!
node 8 checked!...41 matches found!
node 9 checked!...30 matches found!
node 10 checked!...34 matches found!
node 11 checked!...38 matches found!
node 12 checked!...38 matches found!
node 13 checked!...39 matches found!
node 14 checked!...44 matches found!
node 15 checked!...37 matches found!
node 16 checked!...36 matches found!
node 17 checked!...38 matches found!
node 18 checked!...34 matches found!
node 19 checked!...40 matches found!
node 20 checked!...34 matches found!
node 21 checked!...40 matches found!
node 22 checked!...36 matches found!
node 23 checked!...43 matches found!
node 24 checked!...38 matches found!
node 25 checked!...35 matches found!
node 26 checked!...39 matches found!
node 27 checked!...41 matches found!
node 28 checked!...37 matches found!
node 29 checked!...35 matches found!
node 30 checked!...39 matches found!

Voting array
--------------
```

```
[35 36 37 43 36 35 29 41 30 34 38 38 39 44 37 36 38 34 40 34 40 36 43 38 35
 39 41 37 35 39]
```

Putative nodes

```
[ 8 27 23  4 14]
```

Best matching node from voting array

14

Presence of query node in putative nodes

Present

Node 8 -> query image 14
----

96 features detected!

Checking for matches...

```
node 1 checked!...41 matches found!
node 2 checked!...36 matches found!
node 3 checked!...36 matches found!
node 4 checked!...42 matches found!
node 5 checked!...37 matches found!
node 6 checked!...38 matches found!
node 7 checked!...40 matches found!
node 8 checked!...38 matches found!
node 9 checked!...34 matches found!
node 10 checked!...35 matches found!
node 11 checked!...36 matches found!
node 12 checked!...37 matches found!
node 13 checked!...41 matches found!
node 14 checked!...35 matches found!
node 15 checked!...39 matches found!
node 16 checked!...41 matches found!
node 17 checked!...44 matches found!
node 18 checked!...35 matches found!
node 19 checked!...36 matches found!
node 20 checked!...40 matches found!
node 21 checked!...41 matches found!
node 22 checked!...34 matches found!
node 23 checked!...43 matches found!
node 24 checked!...44 matches found!
node 25 checked!...36 matches found!
node 26 checked!...41 matches found!
node 27 checked!...41 matches found!
node 28 checked!...33 matches found!
node 29 checked!...34 matches found!
node 30 checked!...37 matches found!
```

Voting array

```
[41 36 36 42 37 38 40 38 34 35 36 37 41 35 39 41 44 35 36 40 41 34 43 44 36
 41 41 33 34 37]
```

Putative nodes

```
[26  4 23 17 24]
```

Best matching node from voting array

17

Presence of query node in putative nodes

Absent

Node 8 -> query image 15
----

36 features detected!

Checking for matches...

node 1 checked!...18 matches found!
node 2 checked!...21 matches found!
node 3 checked!...18 matches found!
node 4 checked!...19 matches found!
node 5 checked!...18 matches found!
node 6 checked!...18 matches found!
node 7 checked!...19 matches found!
node 8 checked!...17 matches found!
node 9 checked!...17 matches found!
node 10 checked!...20 matches found!
node 11 checked!...19 matches found!
node 12 checked!...18 matches found!
node 13 checked!...15 matches found!
node 14 checked!...19 matches found!
node 15 checked!...15 matches found!
node 16 checked!...18 matches found!
node 17 checked!...19 matches found!
node 18 checked!...18 matches found!
node 19 checked!...15 matches found!
node 20 checked!...17 matches found!
node 21 checked!...22 matches found!
node 22 checked!...20 matches found!
node 23 checked!...16 matches found!
node 24 checked!...17 matches found!
node 25 checked!...18 matches found!
node 26 checked!...18 matches found!
node 27 checked!...18 matches found!
node 28 checked!...20 matches found!
node 29 checked!...17 matches found!
node 30 checked!...20 matches found!

Voting array

[18 21 18 19 18 18 19 17 17 20 19 18 15 19 15 18 19 18 15 17 22 20 16 17 18
 18 18 20 17 20]

Putative nodes

[28 30 22 21 2]

Best matching node from voting array

21

Presence of query node in putative nodes

Absent

Node 8 -> query image 16
----

93 features detected!

Checking for matches...

node 1 checked!...33 matches found!
node 2 checked!...43 matches found!
node 3 checked!...35 matches found!
node 4 checked!...46 matches found!
node 5 checked!...41 matches found!
node 6 checked!...37 matches found!
node 7 checked!...40 matches found!
node 8 checked!...48 matches found!
node 9 checked!...34 matches found!
node 10 checked!...43 matches found!
node 11 checked!...35 matches found!
node 12 checked!...39 matches found!
node 13 checked!...39 matches found!
node 14 checked!...34 matches found!
node 15 checked!...37 matches found!
node 16 checked!...43 matches found!
node 17 checked!...38 matches found!
node 18 checked!...44 matches found!
node 19 checked!...35 matches found!
node 20 checked!...40 matches found!
node 21 checked!...41 matches found!
node 22 checked!...31 matches found!
node 23 checked!...47 matches found!
node 24 checked!...43 matches found!
node 25 checked!...39 matches found!
node 26 checked!...43 matches found!
node 27 checked!...38 matches found!
node 28 checked!...42 matches found!
node 29 checked!...34 matches found!
node 30 checked!...37 matches found!

Voting array

[33 43 35 46 41 37 40 48 34 43 35 39 39 34 37 43 38 44 35 40 41 31 47 43 39
 43 38 42 34 37]

Putative nodes

[16 18 23 4 8]

Best matching node from voting array

8

Presence of query node in putative nodes

Present

Node 8 -> query image 17
----

78 features detected!

Checking for matches...

node 1 checked!...28 matches found!
node 2 checked!...36 matches found!
node 3 checked!...37 matches found!
node 4 checked!...44 matches found!
node 5 checked!...34 matches found!
node 6 checked!...34 matches found!
node 7 checked!...34 matches found!
node 8 checked!...37 matches found!
node 9 checked!...31 matches found!
node 10 checked!...36 matches found!
node 11 checked!...31 matches found!
node 12 checked!...37 matches found!
node 13 checked!...32 matches found!
node 14 checked!...32 matches found!
node 15 checked!...33 matches found!
node 16 checked!...42 matches found!
node 17 checked!...39 matches found!
node 18 checked!...39 matches found!
node 19 checked!...30 matches found!
node 20 checked!...33 matches found!
node 21 checked!...34 matches found!
node 22 checked!...30 matches found!
node 23 checked!...38 matches found!
node 24 checked!...37 matches found!
node 25 checked!...37 matches found!
node 26 checked!...38 matches found!
node 27 checked!...36 matches found!
node 28 checked!...36 matches found!
node 29 checked!...36 matches found!
node 30 checked!...37 matches found!

Voting array

[28 36 37 44 34 34 34 37 31 36 31 37 32 32 33 42 39 39 30 33 34 30 38 37 37
 38 36 36 36 37]

Putative nodes

[23 17 16 18 4]

Best matching node from voting array

4

Presence of query node in putative nodes

Absent

Node 8 -> query image 18
----

99 features detected!

Checking for matches...

node 1 checked!...38 matches found!

```
node 2 checked!...40 matches found!
node 3 checked!...39 matches found!
node 4 checked!...43 matches found!
node 5 checked!...37 matches found!
node 6 checked!...35 matches found!
node 7 checked!...33 matches found!
node 8 checked!...43 matches found!
node 9 checked!...33 matches found!
node 10 checked!...32 matches found!
node 11 checked!...40 matches found!
node 12 checked!...37 matches found!
node 13 checked!...42 matches found!
node 14 checked!...43 matches found!
node 15 checked!...39 matches found!
node 16 checked!...38 matches found!
node 17 checked!...37 matches found!
node 18 checked!...35 matches found!
node 19 checked!...37 matches found!
node 20 checked!...38 matches found!
node 21 checked!...42 matches found!
node 22 checked!...37 matches found!
node 23 checked!...43 matches found!
node 24 checked!...36 matches found!
node 25 checked!...37 matches found!
node 26 checked!...43 matches found!
node 27 checked!...40 matches found!
node 28 checked!...40 matches found!
node 29 checked!...35 matches found!
node 30 checked!...38 matches found!
```

Voting array

[38 40 39 43 37 35 33 43 33 32 40 37 42 43 39 38 37 35 37 38 42 37 43 36 37
 43 40 40 35 38]

Putative nodes

[14 4 26 8 23]

Best matching node from voting array

4

Presence of query node in putative nodes

Present

Node 8 -> query image 19
----

94 features detected!

Checking for matches...

```
node 1 checked!...36 matches found!
node 2 checked!...34 matches found!
node 3 checked!...36 matches found!
node 4 checked!...35 matches found!
node 5 checked!...34 matches found!
node 6 checked!...31 matches found!
node 7 checked!...33 matches found!
```

```
node 8 checked!...38 matches found!
node 9 checked!...32 matches found!
node 10 checked!...41 matches found!
node 11 checked!...34 matches found!
node 12 checked!...34 matches found!
node 13 checked!...37 matches found!
node 14 checked!...34 matches found!
node 15 checked!...35 matches found!
node 16 checked!...38 matches found!
node 17 checked!...38 matches found!
node 18 checked!...38 matches found!
node 19 checked!...36 matches found!
node 20 checked!...30 matches found!
node 21 checked!...41 matches found!
node 22 checked!...33 matches found!
node 23 checked!...43 matches found!
node 24 checked!...35 matches found!
node 25 checked!...30 matches found!
node 26 checked!...38 matches found!
node 27 checked!...35 matches found!
node 28 checked!...39 matches found!
node 29 checked!...30 matches found!
node 30 checked!...34 matches found!
```

```
Voting array
--------------
[36 34 36 35 34 31 33 38 32 41 34 34 37 34 35 38 38 38 36 30 41 33 43 35 30
 38 35 39 30 34]
```

```
Putative nodes
------------
[16 28 21 10 23]
```

```
Best matching node from voting array
----------------------------------------
23
```

```
Presence of query node in putative nodes
----------------------------------------
Absent
```

```
Node 8 -> query image 20
------------------------
```

```
88 features detected!
```

```
Checking for matches...
```

```
node 1 checked!...34 matches found!
node 2 checked!...33 matches found!
node 3 checked!...34 matches found!
node 4 checked!...37 matches found!
node 5 checked!...35 matches found!
node 6 checked!...36 matches found!
node 7 checked!...33 matches found!
node 8 checked!...38 matches found!
node 9 checked!...28 matches found!
node 10 checked!...34 matches found!
node 11 checked!...34 matches found!
node 12 checked!...35 matches found!
node 13 checked!...37 matches found!
```

```
node 14 checked!...32 matches found!
node 15 checked!...34 matches found!
node 16 checked!...37 matches found!
node 17 checked!...35 matches found!
node 18 checked!...33 matches found!
node 19 checked!...34 matches found!
node 20 checked!...29 matches found!
node 21 checked!...36 matches found!
node 22 checked!...33 matches found!
node 23 checked!...38 matches found!
node 24 checked!...34 matches found!
node 25 checked!...29 matches found!
node 26 checked!...35 matches found!
node 27 checked!...37 matches found!
node 28 checked!...38 matches found!
node 29 checked!...35 matches found!
node 30 checked!...36 matches found!

Voting array
--------------
[34 33 34 37 35 36 33 38 28 34 34 35 37 32 34 37 35 33 34 29 36 33 38 34 29
 35 37 38 35 36]

Putative nodes
------------
[13 27 23 28  8]

Best matching node from voting array
----------------------------------------
8

Presence of query node in putative nodes
----------------------------------------
Present


Node 8 -> query image 21
------------------------

92 features detected!

Checking for matches...

node 1 checked!...33 matches found!
node 2 checked!...40 matches found!
node 3 checked!...37 matches found!
node 4 checked!...43 matches found!
node 5 checked!...39 matches found!
node 6 checked!...39 matches found!
node 7 checked!...40 matches found!
node 8 checked!...43 matches found!
node 9 checked!...34 matches found!
node 10 checked!...44 matches found!
node 11 checked!...36 matches found!
node 12 checked!...40 matches found!
node 13 checked!...34 matches found!
node 14 checked!...34 matches found!
node 15 checked!...35 matches found!
node 16 checked!...40 matches found!
node 17 checked!...40 matches found!
node 18 checked!...43 matches found!
node 19 checked!...35 matches found!
```

```
node 20 checked!...37 matches found!
node 21 checked!...41 matches found!
node 22 checked!...32 matches found!
node 23 checked!...47 matches found!
node 24 checked!...43 matches found!
node 25 checked!...35 matches found!
node 26 checked!...40 matches found!
node 27 checked!...39 matches found!
node 28 checked!...39 matches found!
node 29 checked!...35 matches found!
node 30 checked!...37 matches found!
```

Voting array

[33 40 37 43 39 39 40 43 34 44 36 40 34 34 35 40 40 43 35 37 41 32 47 43 35
 40 39 39 35 37]

Putative nodes

[8 23 4 24 10]

Best matching node from voting array

23

Presence of query node in putative nodes

Present

Node 8 -> query image 22
----

91 features detected!

Checking for matches...

```
node 1 checked!...33 matches found!
node 2 checked!...37 matches found!
node 3 checked!...38 matches found!
node 4 checked!...44 matches found!
node 5 checked!...40 matches found!
node 6 checked!...35 matches found!
node 7 checked!...34 matches found!
node 8 checked!...41 matches found!
node 9 checked!...30 matches found!
node 10 checked!...35 matches found!
node 11 checked!...34 matches found!
node 12 checked!...40 matches found!
node 13 checked!...31 matches found!
node 14 checked!...34 matches found!
node 15 checked!...31 matches found!
node 16 checked!...39 matches found!
node 17 checked!...35 matches found!
node 18 checked!...34 matches found!
node 19 checked!...34 matches found!
node 20 checked!...34 matches found!
node 21 checked!...35 matches found!
node 22 checked!...34 matches found!
node 23 checked!...43 matches found!
node 24 checked!...39 matches found!
node 25 checked!...36 matches found!
```

```
node 26 checked!...38 matches found!
node 27 checked!...36 matches found!
node 28 checked!...34 matches found!
node 29 checked!...35 matches found!
node 30 checked!...35 matches found!

Voting array
--------------
[33 37 38 44 40 35 34 41 30 35 34 40 31 34 31 39 35 34 34 34 35 34 43 39 36
 38 36 34 35 35]

Putative nodes
------------
[ 5 12  8 23  4]

Best matching node from voting array
----------------------------------------
4

Presence of query node in putative nodes
----------------------------------------
Present


Node 8 -> query image 23
------------------------

93 features detected!

Checking for matches...

node 1 checked!...36 matches found!
node 2 checked!...36 matches found!
node 3 checked!...37 matches found!
node 4 checked!...40 matches found!
node 5 checked!...40 matches found!
node 6 checked!...35 matches found!
node 7 checked!...35 matches found!
node 8 checked!...45 matches found!
node 9 checked!...33 matches found!
node 10 checked!...35 matches found!
node 11 checked!...41 matches found!
node 12 checked!...36 matches found!
node 13 checked!...39 matches found!
node 14 checked!...39 matches found!
node 15 checked!...36 matches found!
node 16 checked!...39 matches found!
node 17 checked!...36 matches found!
node 18 checked!...37 matches found!
node 19 checked!...33 matches found!
node 20 checked!...37 matches found!
node 21 checked!...36 matches found!
node 22 checked!...37 matches found!
node 23 checked!...42 matches found!
node 24 checked!...36 matches found!
node 25 checked!...35 matches found!
node 26 checked!...41 matches found!
node 27 checked!...34 matches found!
node 28 checked!...36 matches found!
node 29 checked!...36 matches found!
node 30 checked!...36 matches found!
```

```
Voting array
--------------
[36 36 37 40 40 35 35 45 33 35 41 36 39 39 36 39 36 37 33 37 36 37 42 36 35
 41 34 36 36 36]

Putative nodes
--------------
[ 5 11  8 26 23]

Best matching node from voting array
--------------------------------------
8

Presence of query node in putative nodes
--------------------------------------
Present


Node 8 -> query image 24
------------------------

97 features detected!

Checking for matches...

node 1 checked!...40 matches found!
node 2 checked!...38 matches found!
node 3 checked!...35 matches found!
node 4 checked!...43 matches found!
node 5 checked!...39 matches found!
node 6 checked!...40 matches found!
node 7 checked!...39 matches found!
node 8 checked!...41 matches found!
node 9 checked!...38 matches found!
node 10 checked!...39 matches found!
node 11 checked!...39 matches found!
node 12 checked!...40 matches found!
node 13 checked!...43 matches found!
node 14 checked!...39 matches found!
node 15 checked!...37 matches found!
node 16 checked!...43 matches found!
node 17 checked!...40 matches found!
node 18 checked!...38 matches found!
node 19 checked!...40 matches found!
node 20 checked!...38 matches found!
node 21 checked!...43 matches found!
node 22 checked!...33 matches found!
node 23 checked!...45 matches found!
node 24 checked!...42 matches found!
node 25 checked!...32 matches found!
node 26 checked!...44 matches found!
node 27 checked!...46 matches found!
node 28 checked!...40 matches found!
node 29 checked!...36 matches found!
node 30 checked!...35 matches found!

Voting array
--------------
[40 38 35 43 39 40 39 41 38 39 39 40 43 39 37 43 40 38 40 38 43 33 45 42 32
 44 46 40 36 35]

Putative nodes
```

[13 27 23 21 26]

Best matching node from voting array

27

Presence of query node in putative nodes

Absent

Node 8 -> query image 25
----

91 features detected!

Checking for matches...

node 1 checked!...32 matches found!
node 2 checked!...37 matches found!
node 3 checked!...39 matches found!
node 4 checked!...47 matches found!
node 5 checked!...42 matches found!
node 6 checked!...34 matches found!
node 7 checked!...41 matches found!
node 8 checked!...49 matches found!
node 9 checked!...34 matches found!
node 10 checked!...44 matches found!
node 11 checked!...35 matches found!
node 12 checked!...36 matches found!
node 13 checked!...40 matches found!
node 14 checked!...36 matches found!
node 15 checked!...36 matches found!
node 16 checked!...40 matches found!
node 17 checked!...42 matches found!
node 18 checked!...39 matches found!
node 19 checked!...33 matches found!
node 20 checked!...36 matches found!
node 21 checked!...39 matches found!
node 22 checked!...35 matches found!
node 23 checked!...45 matches found!
node 24 checked!...41 matches found!
node 25 checked!...33 matches found!
node 26 checked!...43 matches found!
node 27 checked!...40 matches found!
node 28 checked!...41 matches found!
node 29 checked!...34 matches found!
node 30 checked!...38 matches found!

Voting array

[32 37 39 47 42 34 41 49 34 44 35 36 40 36 36 40 42 39 33 36 39 35 45 41 33
 43 40 41 34 38]

Putative nodes

[26 8 10 4 23]

Best matching node from voting array

8

Presence of query node in putative nodes

Present

Node 8 -> query image 26
----

98 features detected!

Checking for matches...

node 1 checked!...36 matches found!
node 2 checked!...40 matches found!
node 3 checked!...37 matches found!
node 4 checked!...47 matches found!
node 5 checked!...40 matches found!
node 6 checked!...38 matches found!
node 7 checked!...36 matches found!
node 8 checked!...47 matches found!
node 9 checked!...36 matches found!
node 10 checked!...40 matches found!
node 11 checked!...37 matches found!
node 12 checked!...41 matches found!
node 13 checked!...37 matches found!
node 14 checked!...44 matches found!
node 15 checked!...40 matches found!
node 16 checked!...36 matches found!
node 17 checked!...37 matches found!
node 18 checked!...39 matches found!
node 19 checked!...38 matches found!
node 20 checked!...39 matches found!
node 21 checked!...41 matches found!
node 22 checked!...36 matches found!
node 23 checked!...47 matches found!
node 24 checked!...39 matches found!
node 25 checked!...35 matches found!
node 26 checked!...38 matches found!
node 27 checked!...36 matches found!
node 28 checked!...38 matches found!
node 29 checked!...37 matches found!
node 30 checked!...36 matches found!

Voting array

[36 40 37 47 40 38 36 47 36 40 37 41 37 44 40 36 37 39 38 39 41 36 47 39 35
 38 36 38 37 36]

Putative nodes

[21 14 23 4 8]

Best matching node from voting array

4

Presence of query node in putative nodes

Present

Node 8 -> query image 27
----

87 features detected!

Checking for matches...

node 1 checked!...34 matches found!
node 2 checked!...36 matches found!
node 3 checked!...35 matches found!
node 4 checked!...37 matches found!
node 5 checked!...36 matches found!
node 6 checked!...31 matches found!
node 7 checked!...34 matches found!
node 8 checked!...44 matches found!
node 9 checked!...33 matches found!
node 10 checked!...33 matches found!
node 11 checked!...34 matches found!
node 12 checked!...38 matches found!
node 13 checked!...41 matches found!
node 14 checked!...39 matches found!
node 15 checked!...40 matches found!
node 16 checked!...36 matches found!
node 17 checked!...37 matches found!
node 18 checked!...36 matches found!
node 19 checked!...30 matches found!
node 20 checked!...33 matches found!
node 21 checked!...36 matches found!
node 22 checked!...32 matches found!
node 23 checked!...42 matches found!
node 24 checked!...34 matches found!
node 25 checked!...30 matches found!
node 26 checked!...41 matches found!
node 27 checked!...33 matches found!
node 28 checked!...35 matches found!
node 29 checked!...35 matches found!
node 30 checked!...38 matches found!

Voting array

[34 36 35 37 36 31 34 44 33 33 34 38 41 39 40 36 37 36 30 33 36 32 42 34 30
 41 33 35 35 38]

Putative nodes

[15 13 26 8 23]

Best matching node from voting array

8

Presence of query node in putative nodes

Present

Node 8 -> query image 28
----

88 features detected!

Checking for matches...

```
node 1 checked!...34 matches found!
node 2 checked!...35 matches found!
node 3 checked!...37 matches found!
node 4 checked!...41 matches found!
node 5 checked!...36 matches found!
node 6 checked!...36 matches found!
node 7 checked!...32 matches found!
node 8 checked!...37 matches found!
node 9 checked!...37 matches found!
node 10 checked!...33 matches found!
node 11 checked!...33 matches found!
node 12 checked!...36 matches found!
node 13 checked!...36 matches found!
node 14 checked!...32 matches found!
node 15 checked!...37 matches found!
node 16 checked!...39 matches found!
node 17 checked!...38 matches found!
node 18 checked!...37 matches found!
node 19 checked!...37 matches found!
node 20 checked!...32 matches found!
node 21 checked!...42 matches found!
node 22 checked!...33 matches found!
node 23 checked!...40 matches found!
node 24 checked!...38 matches found!
node 25 checked!...33 matches found!
node 26 checked!...39 matches found!
node 27 checked!...32 matches found!
node 28 checked!...37 matches found!
node 29 checked!...37 matches found!
node 30 checked!...35 matches found!
```

Voting array

[34 35 37 41 36 36 32 37 37 33 33 36 36 32 37 39 38 37 37 32 42 33 40 38 33
 39 32 37 37 35]

Putative nodes

[26 16 23 4 21]

Best matching node from voting array

21

Presence of query node in putative nodes

Absent

Node 8 -> query image 29
----

94 features detected!

Checking for matches...

```
node 1 checked!...33 matches found!
node 2 checked!...39 matches found!
node 3 checked!...40 matches found!
node 4 checked!...48 matches found!
node 5 checked!...40 matches found!
```

```
node 6 checked!...35 matches found!
node 7 checked!...38 matches found!
node 8 checked!...49 matches found!
node 9 checked!...36 matches found!
node 10 checked!...45 matches found!
node 11 checked!...35 matches found!
node 12 checked!...38 matches found!
node 13 checked!...41 matches found!
node 14 checked!...36 matches found!
node 15 checked!...36 matches found!
node 16 checked!...41 matches found!
node 17 checked!...42 matches found!
node 18 checked!...40 matches found!
node 19 checked!...33 matches found!
node 20 checked!...36 matches found!
node 21 checked!...39 matches found!
node 22 checked!...34 matches found!
node 23 checked!...45 matches found!
node 24 checked!...42 matches found!
node 25 checked!...35 matches found!
node 26 checked!...42 matches found!
node 27 checked!...41 matches found!
node 28 checked!...40 matches found!
node 29 checked!...33 matches found!
node 30 checked!...37 matches found!

Voting array
--------------
[33 39 40 48 40 35 38 49 36 45 35 38 41 36 36 41 42 40 33 36 39 34 45 42 35
 42 41 40 33 37]

Putative nodes
------------
[26 10  8 23  4]

Best matching node from voting array
----------------------------------------
8

Presence of query node in putative nodes
----------------------------------------
Present


Node 8 -> query image 30
------------------------

93 features detected!

Checking for matches...

node 1 checked!...32 matches found!
node 2 checked!...39 matches found!
node 3 checked!...37 matches found!
node 4 checked!...43 matches found!
node 5 checked!...35 matches found!
node 6 checked!...31 matches found!
node 7 checked!...36 matches found!
node 8 checked!...45 matches found!
node 9 checked!...34 matches found!
node 10 checked!...38 matches found!
node 11 checked!...36 matches found!
```

```
node 12 checked!...36 matches found!
node 13 checked!...36 matches found!
node 14 checked!...43 matches found!
node 15 checked!...37 matches found!
node 16 checked!...35 matches found!
node 17 checked!...35 matches found!
node 18 checked!...35 matches found!
node 19 checked!...35 matches found!
node 20 checked!...36 matches found!
node 21 checked!...36 matches found!
node 22 checked!...34 matches found!
node 23 checked!...41 matches found!
node 24 checked!...38 matches found!
node 25 checked!...34 matches found!
node 26 checked!...38 matches found!
node 27 checked!...38 matches found!
node 28 checked!...41 matches found!
node 29 checked!...33 matches found!
node 30 checked!...37 matches found!
```

Voting array

[32 39 37 43 35 31 36 45 34 38 36 36 36 43 37 35 35 35 35 36 36 34 41 38 34
 38 38 41 33 37]

Putative nodes

[23 28 14 4 8]

Best matching node from voting array

8

Presence of query node in putative nodes

Present

Node 8 -> query image 31
----

87 features detected!

Checking for matches...

```
node 1 checked!...34 matches found!
node 2 checked!...37 matches found!
node 3 checked!...36 matches found!
node 4 checked!...36 matches found!
node 5 checked!...35 matches found!
node 6 checked!...31 matches found!
node 7 checked!...32 matches found!
node 8 checked!...43 matches found!
node 9 checked!...33 matches found!
node 10 checked!...34 matches found!
node 11 checked!...36 matches found!
node 12 checked!...36 matches found!
node 13 checked!...42 matches found!
node 14 checked!...40 matches found!
node 15 checked!...39 matches found!
node 16 checked!...37 matches found!
node 17 checked!...38 matches found!
```

```
node 18 checked!...39 matches found!
node 19 checked!...31 matches found!
node 20 checked!...32 matches found!
node 21 checked!...36 matches found!
node 22 checked!...33 matches found!
node 23 checked!...43 matches found!
node 24 checked!...35 matches found!
node 25 checked!...31 matches found!
node 26 checked!...43 matches found!
node 27 checked!...32 matches found!
node 28 checked!...35 matches found!
node 29 checked!...34 matches found!
node 30 checked!...36 matches found!


Voting array
--------------
[34 37 36 36 35 31 32 43 33 34 36 36 42 40 39 37 38 39 31 32 36 33 43 35 31
 43 32 35 34 36]

Putative nodes
------------
[14 13  8 26 23]

Best matching node from voting array
----------------------------------------
8

Presence of query node in putative nodes
----------------------------------------
Present


Node 8 -> query image 32
------------------------

97 features detected!

Checking for matches...

node 1 checked!...35 matches found!
node 2 checked!...33 matches found!
node 3 checked!...35 matches found!
node 4 checked!...42 matches found!
node 5 checked!...36 matches found!
node 6 checked!...35 matches found!
node 7 checked!...38 matches found!
node 8 checked!...37 matches found!
node 9 checked!...34 matches found!
node 10 checked!...36 matches found!
node 11 checked!...35 matches found!
node 12 checked!...39 matches found!
node 13 checked!...37 matches found!
node 14 checked!...33 matches found!
node 15 checked!...37 matches found!
node 16 checked!...35 matches found!
node 17 checked!...37 matches found!
node 18 checked!...33 matches found!
node 19 checked!...35 matches found!
node 20 checked!...33 matches found!
node 21 checked!...42 matches found!
node 22 checked!...32 matches found!
node 23 checked!...40 matches found!
```

```
node 24 checked!...38 matches found!
node 25 checked!...33 matches found!
node 26 checked!...41 matches found!
node 27 checked!...35 matches found!
node 28 checked!...36 matches found!
node 29 checked!...34 matches found!
node 30 checked!...39 matches found!

Voting array
--------------
[35 33 35 42 36 35 38 37 34 36 35 39 37 33 37 35 37 33 35 33 42 32 40 38 33
 41 35 36 34 39]

Putative nodes
------------
[30 23 21  4 26]

Best matching node from voting array
----------------------------------------
4

Presence of query node in putative nodes
----------------------------------------
Absent


Node 8 -> query image 33
------------------------

67 features detected!

Checking for matches...

node 1 checked!...28 matches found!
node 2 checked!...31 matches found!
node 3 checked!...34 matches found!
node 4 checked!...34 matches found!
node 5 checked!...36 matches found!
node 6 checked!...27 matches found!
node 7 checked!...24 matches found!
node 8 checked!...37 matches found!
node 9 checked!...30 matches found!
node 10 checked!...32 matches found!
node 11 checked!...30 matches found!
node 12 checked!...28 matches found!
node 13 checked!...37 matches found!
node 14 checked!...32 matches found!
node 15 checked!...31 matches found!
node 16 checked!...29 matches found!
node 17 checked!...33 matches found!
node 18 checked!...33 matches found!
node 19 checked!...30 matches found!
node 20 checked!...30 matches found!
node 21 checked!...32 matches found!
node 22 checked!...27 matches found!
node 23 checked!...35 matches found!
node 24 checked!...32 matches found!
node 25 checked!...32 matches found!
node 26 checked!...33 matches found!
node 27 checked!...33 matches found!
node 28 checked!...32 matches found!
node 29 checked!...31 matches found!
```

node 30 checked!...31 matches found!

Voting array

[28 31 34 34 36 27 24 37 30 32 30 28 37 32 31 29 33 33 30 30 32 27 35 32 32
 33 33 32 31 31]

Putative nodes

[4 8 23 13 5]

Best matching node from voting array

8

Presence of query node in putative nodes

Present

Node 8 -> query image 34
----

0 features detected!

Checking for matches...

node 1 checked!...0 matches found!
node 2 checked!...0 matches found!
node 3 checked!...0 matches found!
node 4 checked!...0 matches found!
node 5 checked!...0 matches found!
node 6 checked!...0 matches found!
node 7 checked!...0 matches found!
node 8 checked!...0 matches found!
node 9 checked!...0 matches found!
node 10 checked!...0 matches found!
node 11 checked!...0 matches found!
node 12 checked!...0 matches found!
node 13 checked!...0 matches found!
node 14 checked!...0 matches found!
node 15 checked!...0 matches found!
node 16 checked!...0 matches found!
node 17 checked!...0 matches found!
node 18 checked!...0 matches found!
node 19 checked!...0 matches found!
node 20 checked!...0 matches found!
node 21 checked!...0 matches found!
node 22 checked!...0 matches found!
node 23 checked!...0 matches found!
node 24 checked!...0 matches found!
node 25 checked!...0 matches found!
node 26 checked!...0 matches found!
node 27 checked!...0 matches found!
node 28 checked!...0 matches found!
node 29 checked!...0 matches found!
node 30 checked!...0 matches found!

Voting array

[0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0]

Unable to predict a matching node and putative nodes!

Node 8 -> query image 35
----

18 features detected!

Checking for matches...

node 1 checked!...11 matches found!
node 2 checked!...9 matches found!
node 3 checked!...9 matches found!
node 4 checked!...8 matches found!
node 5 checked!...11 matches found!
node 6 checked!...9 matches found!
node 7 checked!...9 matches found!
node 8 checked!...11 matches found!
node 9 checked!...10 matches found!
node 10 checked!...10 matches found!
node 11 checked!...11 matches found!
node 12 checked!...9 matches found!
node 13 checked!...9 matches found!
node 14 checked!...9 matches found!
node 15 checked!...8 matches found!
node 16 checked!...9 matches found!
node 17 checked!...11 matches found!
node 18 checked!...10 matches found!
node 19 checked!...10 matches found!
node 20 checked!...9 matches found!
node 21 checked!...11 matches found!
node 22 checked!...9 matches found!
node 23 checked!...9 matches found!
node 24 checked!...10 matches found!
node 25 checked!...11 matches found!
node 26 checked!...10 matches found!
node 27 checked!...10 matches found!
node 28 checked!...10 matches found!
node 29 checked!...10 matches found!
node 30 checked!...11 matches found!

Voting array

[11 9 9 8 11 9 9 11 10 10 11 9 9 9 8 9 11 10 10 9 11 9 9 10 11
 10 10 10 10 11]

Putative nodes

[11 21 8 17 30]

Best matching node from voting array

1

Presence of query node in putative nodes

Present

Node 8 -> query image 36
----

0 features detected!

Checking for matches...

node 1 checked!...0 matches found!
node 2 checked!...0 matches found!
node 3 checked!...0 matches found!
node 4 checked!...0 matches found!
node 5 checked!...0 matches found!
node 6 checked!...0 matches found!
node 7 checked!...0 matches found!
node 8 checked!...0 matches found!
node 9 checked!...0 matches found!
node 10 checked!...0 matches found!
node 11 checked!...0 matches found!
node 12 checked!...0 matches found!
node 13 checked!...0 matches found!
node 14 checked!...0 matches found!
node 15 checked!...0 matches found!
node 16 checked!...0 matches found!
node 17 checked!...0 matches found!
node 18 checked!...0 matches found!
node 19 checked!...0 matches found!
node 20 checked!...0 matches found!
node 21 checked!...0 matches found!
node 22 checked!...0 matches found!
node 23 checked!...0 matches found!
node 24 checked!...0 matches found!
node 25 checked!...0 matches found!
node 26 checked!...0 matches found!
node 27 checked!...0 matches found!
node 28 checked!...0 matches found!
node 29 checked!...0 matches found!
node 30 checked!...0 matches found!

Voting array

[0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0]

Unable to predict a matching node and putative nodes!

Node 8 -> query image 37
----

68 features detected!

Checking for matches...

node 1 checked!...32 matches found!
node 2 checked!...29 matches found!
node 3 checked!...27 matches found!
node 4 checked!...31 matches found!
node 5 checked!...32 matches found!
node 6 checked!...27 matches found!
node 7 checked!...23 matches found!
node 8 checked!...26 matches found!
node 9 checked!...20 matches found!
node 10 checked!...28 matches found!
node 11 checked!...30 matches found!
node 12 checked!...27 matches found!
node 13 checked!...27 matches found!
node 14 checked!...27 matches found!
node 15 checked!...27 matches found!

```
node 16 checked!...28 matches found!
node 17 checked!...29 matches found!
node 18 checked!...27 matches found!
node 19 checked!...28 matches found!
node 20 checked!...28 matches found!
node 21 checked!...28 matches found!
node 22 checked!...25 matches found!
node 23 checked!...32 matches found!
node 24 checked!...30 matches found!
node 25 checked!...28 matches found!
node 26 checked!...29 matches found!
node 27 checked!...31 matches found!
node 28 checked!...29 matches found!
node 29 checked!...30 matches found!
node 30 checked!...25 matches found!

Voting array
--------------
[32 29 27 31 32 27 23 26 20 28 30 27 27 27 27 28 29 27 28 28 28 25 32 30 28
 29 31 29 30 25]

Putative nodes
------------
[ 4 27 23  5  1]

Best matching node from voting array
----------------------------------------
1

Presence of query node in putative nodes
----------------------------------------
Absent


Node 8 -> query image 38
------------------------

61 features detected!

Checking for matches...

node 1 checked!...28 matches found!
node 2 checked!...28 matches found!
node 3 checked!...32 matches found!
node 4 checked!...36 matches found!
node 5 checked!...36 matches found!
node 6 checked!...29 matches found!
node 7 checked!...29 matches found!
node 8 checked!...32 matches found!
node 9 checked!...32 matches found!
node 10 checked!...29 matches found!
node 11 checked!...29 matches found!
node 12 checked!...29 matches found!
node 13 checked!...34 matches found!
node 14 checked!...31 matches found!
node 15 checked!...30 matches found!
node 16 checked!...30 matches found!
node 17 checked!...34 matches found!
node 18 checked!...31 matches found!
node 19 checked!...29 matches found!
node 20 checked!...27 matches found!
node 21 checked!...33 matches found!
```

```
node 22 checked!...27 matches found!
node 23 checked!...34 matches found!
node 24 checked!...29 matches found!
node 25 checked!...34 matches found!
node 26 checked!...30 matches found!
node 27 checked!...33 matches found!
node 28 checked!...33 matches found!
node 29 checked!...31 matches found!
node 30 checked!...32 matches found!

Voting array
--------------
[28 28 32 36 36 29 29 32 32 29 29 29 34 31 30 30 34 31 29 27 33 27 34 29 34
 30 33 33 31 32]

Putative nodes
------------
[25 13  4 23  5]

Best matching node from voting array
---------------------------------------
4

Presence of query node in putative nodes
---------------------------------------
Absent


Node 8 -> query image 39
------------------------

77 features detected!

Checking for matches...

node 1 checked!...32 matches found!
node 2 checked!...34 matches found!
node 3 checked!...34 matches found!
node 4 checked!...39 matches found!
node 5 checked!...39 matches found!
node 6 checked!...30 matches found!
node 7 checked!...33 matches found!
node 8 checked!...39 matches found!
node 9 checked!...33 matches found!
node 10 checked!...37 matches found!
node 11 checked!...35 matches found!
node 12 checked!...35 matches found!
node 13 checked!...34 matches found!
node 14 checked!...30 matches found!
node 15 checked!...34 matches found!
node 16 checked!...40 matches found!
node 17 checked!...37 matches found!
node 18 checked!...33 matches found!
node 19 checked!...32 matches found!
node 20 checked!...29 matches found!
node 21 checked!...37 matches found!
node 22 checked!...28 matches found!
node 23 checked!...39 matches found!
node 24 checked!...41 matches found!
node 25 checked!...36 matches found!
node 26 checked!...40 matches found!
node 27 checked!...34 matches found!
```

```
node 28 checked!...35 matches found!
node 29 checked!...35 matches found!
node 30 checked!...38 matches found!

Voting array
--------------
[32 34 34 39 39 30 33 39 33 37 35 35 34 30 34 40 37 33 32 29 37 28 39 41 36
 40 34 35 35 38]

Putative nodes
------------
[ 4 23 26 16 24]

Best matching node from voting array
-----------------------------------------
24

Presence of query node in putative nodes
-----------------------------------------
Absent


Node 8 -> query image 40
------------------------

0 features detected!

Checking for matches...

node 1 checked!...0 matches found!
node 2 checked!...0 matches found!
node 3 checked!...0 matches found!
node 4 checked!...0 matches found!
node 5 checked!...0 matches found!
node 6 checked!...0 matches found!
node 7 checked!...0 matches found!
node 8 checked!...0 matches found!
node 9 checked!...0 matches found!
node 10 checked!...0 matches found!
node 11 checked!...0 matches found!
node 12 checked!...0 matches found!
node 13 checked!...0 matches found!
node 14 checked!...0 matches found!
node 15 checked!...0 matches found!
node 16 checked!...0 matches found!
node 17 checked!...0 matches found!
node 18 checked!...0 matches found!
node 19 checked!...0 matches found!
node 20 checked!...0 matches found!
node 21 checked!...0 matches found!
node 22 checked!...0 matches found!
node 23 checked!...0 matches found!
node 24 checked!...0 matches found!
node 25 checked!...0 matches found!
node 26 checked!...0 matches found!
node 27 checked!...0 matches found!
node 28 checked!...0 matches found!
node 29 checked!...0 matches found!
node 30 checked!...0 matches found!

Voting array
--------------
```

[0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0]

Unable to predict a matching node and putative nodes!

 Node 8 testing completed!

Node 9 -> query image 1
----

44 features detected!

Checking for matches...

node 1 checked!...23 matches found!
node 2 checked!...21 matches found!
node 3 checked!...26 matches found!
node 4 checked!...30 matches found!
node 5 checked!...29 matches found!
node 6 checked!...23 matches found!
node 7 checked!...24 matches found!
node 8 checked!...25 matches found!
node 9 checked!...21 matches found!
node 10 checked!...24 matches found!
node 11 checked!...24 matches found!
node 12 checked!...27 matches found!
node 13 checked!...24 matches found!
node 14 checked!...25 matches found!
node 15 checked!...19 matches found!
node 16 checked!...24 matches found!
node 17 checked!...28 matches found!
node 18 checked!...22 matches found!
node 19 checked!...25 matches found!
node 20 checked!...23 matches found!
node 21 checked!...28 matches found!
node 22 checked!...22 matches found!
node 23 checked!...27 matches found!
node 24 checked!...25 matches found!
node 25 checked!...23 matches found!
node 26 checked!...26 matches found!
node 27 checked!...25 matches found!
node 28 checked!...23 matches found!
node 29 checked!...25 matches found!
node 30 checked!...28 matches found!

Voting array

[23 21 26 30 29 23 24 25 21 24 24 27 24 25 19 24 28 22 25 23 28 22 27 25 23
 26 25 23 25 28]

Putative nodes

[30 4 21 17 5]

Best matching node from voting array

4

Presence of query node in putative nodes

Absent

Node 9 -> query image 2
----

72 features detected!

Checking for matches...

node 1 checked!...35 matches found!
node 2 checked!...32 matches found!
node 3 checked!...35 matches found!
node 4 checked!...33 matches found!
node 5 checked!...36 matches found!
node 6 checked!...29 matches found!
node 7 checked!...34 matches found!
node 8 checked!...34 matches found!
node 9 checked!...31 matches found!
node 10 checked!...36 matches found!
node 11 checked!...31 matches found!
node 12 checked!...31 matches found!
node 13 checked!...33 matches found!
node 14 checked!...34 matches found!
node 15 checked!...35 matches found!
node 16 checked!...37 matches found!
node 17 checked!...33 matches found!
node 18 checked!...34 matches found!
node 19 checked!...34 matches found!
node 20 checked!...36 matches found!
node 21 checked!...39 matches found!
node 22 checked!...26 matches found!
node 23 checked!...38 matches found!
node 24 checked!...39 matches found!
node 25 checked!...34 matches found!
node 26 checked!...33 matches found!
node 27 checked!...35 matches found!
node 28 checked!...34 matches found!
node 29 checked!...34 matches found!
node 30 checked!...35 matches found!

Voting array

[35 32 35 33 36 29 34 34 31 36 31 31 33 34 35 37 33 34 34 36 39 26 38 39 34
 33 35 34 34 35]

Putative nodes

[5 16 23 24 21]

Best matching node from voting array

21

Presence of query node in putative nodes

Absent

Node 9 -> query image 3
----

0 features detected!

Checking for matches...

node 1 checked!...0 matches found!
node 2 checked!...0 matches found!
node 3 checked!...0 matches found!
node 4 checked!...0 matches found!
node 5 checked!...0 matches found!
node 6 checked!...0 matches found!
node 7 checked!...0 matches found!
node 8 checked!...0 matches found!
node 9 checked!...0 matches found!
node 10 checked!...0 matches found!
node 11 checked!...0 matches found!
node 12 checked!...0 matches found!
node 13 checked!...0 matches found!
node 14 checked!...0 matches found!
node 15 checked!...0 matches found!
node 16 checked!...0 matches found!
node 17 checked!...0 matches found!
node 18 checked!...0 matches found!
node 19 checked!...0 matches found!
node 20 checked!...0 matches found!
node 21 checked!...0 matches found!
node 22 checked!...0 matches found!
node 23 checked!...0 matches found!
node 24 checked!...0 matches found!
node 25 checked!...0 matches found!
node 26 checked!...0 matches found!
node 27 checked!...0 matches found!
node 28 checked!...0 matches found!
node 29 checked!...0 matches found!
node 30 checked!...0 matches found!

Voting array

[0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0]

Unable to predict a matching node and putative nodes!

Node 9 -> query image 4
----

0 features detected!

Checking for matches...

node 1 checked!...0 matches found!
node 2 checked!...0 matches found!
node 3 checked!...0 matches found!
node 4 checked!...0 matches found!
node 5 checked!...0 matches found!
node 6 checked!...0 matches found!
node 7 checked!...0 matches found!
node 8 checked!...0 matches found!
node 9 checked!...0 matches found!
node 10 checked!...0 matches found!
node 11 checked!...0 matches found!
node 12 checked!...0 matches found!
node 13 checked!...0 matches found!
node 14 checked!...0 matches found!
node 15 checked!...0 matches found!
node 16 checked!...0 matches found!

```
node 17 checked!...0 matches found!
node 18 checked!...0 matches found!
node 19 checked!...0 matches found!
node 20 checked!...0 matches found!
node 21 checked!...0 matches found!
node 22 checked!...0 matches found!
node 23 checked!...0 matches found!
node 24 checked!...0 matches found!
node 25 checked!...0 matches found!
node 26 checked!...0 matches found!
node 27 checked!...0 matches found!
node 28 checked!...0 matches found!
node 29 checked!...0 matches found!
node 30 checked!...0 matches found!

Voting array
--------------
[0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0]

Unable to predict a matching node and putative nodes!

Node 9 -> query image 5
------------------------

0 features detected!

Checking for matches...

node 1 checked!...0 matches found!
node 2 checked!...0 matches found!
node 3 checked!...0 matches found!
node 4 checked!...0 matches found!
node 5 checked!...0 matches found!
node 6 checked!...0 matches found!
node 7 checked!...0 matches found!
node 8 checked!...0 matches found!
node 9 checked!...0 matches found!
node 10 checked!...0 matches found!
node 11 checked!...0 matches found!
node 12 checked!...0 matches found!
node 13 checked!...0 matches found!
node 14 checked!...0 matches found!
node 15 checked!...0 matches found!
node 16 checked!...0 matches found!
node 17 checked!...0 matches found!
node 18 checked!...0 matches found!
node 19 checked!...0 matches found!
node 20 checked!...0 matches found!
node 21 checked!...0 matches found!
node 22 checked!...0 matches found!
node 23 checked!...0 matches found!
node 24 checked!...0 matches found!
node 25 checked!...0 matches found!
node 26 checked!...0 matches found!
node 27 checked!...0 matches found!
node 28 checked!...0 matches found!
node 29 checked!...0 matches found!
node 30 checked!...0 matches found!

Voting array
--------------
[0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0]
```

Unable to predict a matching node and putative nodes!

Node 9 -> query image 6
----

88 features detected!

Checking for matches...

node 1 checked!...38 matches found!
node 2 checked!...36 matches found!
node 3 checked!...33 matches found!
node 4 checked!...38 matches found!
node 5 checked!...36 matches found!
node 6 checked!...33 matches found!
node 7 checked!...32 matches found!
node 8 checked!...36 matches found!
node 9 checked!...41 matches found!
node 10 checked!...36 matches found!
node 11 checked!...35 matches found!
node 12 checked!...36 matches found!
node 13 checked!...36 matches found!
node 14 checked!...36 matches found!
node 15 checked!...30 matches found!
node 16 checked!...34 matches found!
node 17 checked!...37 matches found!
node 18 checked!...34 matches found!
node 19 checked!...39 matches found!
node 20 checked!...36 matches found!
node 21 checked!...37 matches found!
node 22 checked!...34 matches found!
node 23 checked!...36 matches found!
node 24 checked!...36 matches found!
node 25 checked!...34 matches found!
node 26 checked!...36 matches found!
node 27 checked!...36 matches found!
node 28 checked!...36 matches found!
node 29 checked!...36 matches found!
node 30 checked!...37 matches found!

Voting array

[38 36 33 38 36 33 32 36 41 36 35 36 36 36 30 34 37 34 39 36 37 34 36 36 34
 36 36 36 36 37]

Putative nodes

[21 19 9 4 1]

Best matching node from voting array

9

Presence of query node in putative nodes

Present

Node 9 -> query image 7
----

70 features detected!

Checking for matches...

node 1 checked!...32 matches found!
node 2 checked!...28 matches found!
node 3 checked!...31 matches found!
node 4 checked!...34 matches found!
node 5 checked!...29 matches found!
node 6 checked!...25 matches found!
node 7 checked!...36 matches found!
node 8 checked!...33 matches found!
node 9 checked!...28 matches found!
node 10 checked!...32 matches found!
node 11 checked!...34 matches found!
node 12 checked!...31 matches found!
node 13 checked!...34 matches found!
node 14 checked!...29 matches found!
node 15 checked!...31 matches found!
node 16 checked!...32 matches found!
node 17 checked!...30 matches found!
node 18 checked!...33 matches found!
node 19 checked!...31 matches found!
node 20 checked!...33 matches found!
node 21 checked!...38 matches found!
node 22 checked!...30 matches found!
node 23 checked!...33 matches found!
node 24 checked!...37 matches found!
node 25 checked!...31 matches found!
node 26 checked!...33 matches found!
node 27 checked!...33 matches found!
node 28 checked!...32 matches found!
node 29 checked!...33 matches found!
node 30 checked!...36 matches found!

Voting array

[32 28 31 34 29 25 36 33 28 32 34 31 34 29 31 32 30 33 31 33 38 30 33 37 31
 33 33 32 33 36]

Putative nodes

[11 7 24 21 30]

Best matching node from voting array

21

Presence of query node in putative nodes

Absent

Node 9 -> query image 8
----

91 features detected!

Checking for matches...

node 1 checked!...28 matches found!
node 2 checked!...36 matches found!

```
node 3 checked!...29 matches found!
node 4 checked!...35 matches found!
node 5 checked!...33 matches found!
node 6 checked!...29 matches found!
node 7 checked!...29 matches found!
node 8 checked!...29 matches found!
node 9 checked!...36 matches found!
node 10 checked!...33 matches found!
node 11 checked!...27 matches found!
node 12 checked!...35 matches found!
node 13 checked!...32 matches found!
node 14 checked!...37 matches found!
node 15 checked!...33 matches found!
node 16 checked!...29 matches found!
node 17 checked!...34 matches found!
node 18 checked!...37 matches found!
node 19 checked!...32 matches found!
node 20 checked!...36 matches found!
node 21 checked!...34 matches found!
node 22 checked!...29 matches found!
node 23 checked!...32 matches found!
node 24 checked!...33 matches found!
node 25 checked!...29 matches found!
node 26 checked!...28 matches found!
node 27 checked!...34 matches found!
node 28 checked!...30 matches found!
node 29 checked!...28 matches found!
node 30 checked!...32 matches found!
```

Voting array

[28 36 29 35 33 29 29 29 36 33 27 35 32 37 33 29 34 37 32 36 34 29 32 33 29
 28 34 30 28 32]

Putative nodes

[2 9 20 18 14]

Best matching node from voting array

14

Presence of query node in putative nodes

Present

Node 9 -> query image 9
----

79 features detected!

Checking for matches...

```
node 1 checked!...36 matches found!
node 2 checked!...30 matches found!
node 3 checked!...31 matches found!
node 4 checked!...37 matches found!
node 5 checked!...38 matches found!
node 6 checked!...30 matches found!
node 7 checked!...31 matches found!
node 8 checked!...40 matches found!
```

```
node 9 checked!...30 matches found!
node 10 checked!...34 matches found!
node 11 checked!...36 matches found!
node 12 checked!...31 matches found!
node 13 checked!...31 matches found!
node 14 checked!...27 matches found!
node 15 checked!...31 matches found!
node 16 checked!...38 matches found!
node 17 checked!...34 matches found!
node 18 checked!...36 matches found!
node 19 checked!...35 matches found!
node 20 checked!...33 matches found!
node 21 checked!...34 matches found!
node 22 checked!...33 matches found!
node 23 checked!...41 matches found!
node 24 checked!...38 matches found!
node 25 checked!...35 matches found!
node 26 checked!...38 matches found!
node 27 checked!...32 matches found!
node 28 checked!...34 matches found!
node 29 checked!...34 matches found!
node 30 checked!...35 matches found!


Voting array
--------------
[36 30 31 37 38 30 31 40 30 34 36 31 31 27 31 38 34 36 35 33 34 33 41 38 35
 38 32 34 34 35]

Putative nodes
-------------
[26  8 24 16 23]

Best matching node from voting array
----------------------------------------
23

Presence of query node in putative nodes
----------------------------------------
Absent


Node 9 -> query image 10
------------------------

91 features detected!

Checking for matches...

node 1 checked!...33 matches found!
node 2 checked!...36 matches found!
node 3 checked!...36 matches found!
node 4 checked!...36 matches found!
node 5 checked!...35 matches found!
node 6 checked!...32 matches found!
node 7 checked!...30 matches found!
node 8 checked!...35 matches found!
node 9 checked!...29 matches found!
node 10 checked!...36 matches found!
node 11 checked!...35 matches found!
node 12 checked!...37 matches found!
node 13 checked!...38 matches found!
node 14 checked!...31 matches found!
```

```
node 15 checked!...33 matches found!
node 16 checked!...36 matches found!
node 17 checked!...39 matches found!
node 18 checked!...33 matches found!
node 19 checked!...33 matches found!
node 20 checked!...35 matches found!
node 21 checked!...33 matches found!
node 22 checked!...34 matches found!
node 23 checked!...41 matches found!
node 24 checked!...38 matches found!
node 25 checked!...31 matches found!
node 26 checked!...34 matches found!
node 27 checked!...35 matches found!
node 28 checked!...37 matches found!
node 29 checked!...31 matches found!
node 30 checked!...37 matches found!
```

Voting array

[33 36 36 36 35 32 30 35 29 36 35 37 38 31 33 36 39 33 33 35 33 34 41 38 31
 34 35 37 31 37]

Putative nodes

[30 24 23 17 13]

Best matching node from voting array

23

Presence of query node in putative nodes

Absent

Node 9 -> query image 11
----

89 features detected!

Checking for matches...

```
node 1 checked!...32 matches found!
node 2 checked!...33 matches found!
node 3 checked!...33 matches found!
node 4 checked!...41 matches found!
node 5 checked!...41 matches found!
node 6 checked!...33 matches found!
node 7 checked!...31 matches found!
node 8 checked!...32 matches found!
node 9 checked!...29 matches found!
node 10 checked!...36 matches found!
node 11 checked!...31 matches found!
node 12 checked!...37 matches found!
node 13 checked!...34 matches found!
node 14 checked!...30 matches found!
node 15 checked!...27 matches found!
node 16 checked!...37 matches found!
node 17 checked!...40 matches found!
node 18 checked!...31 matches found!
node 19 checked!...33 matches found!
node 20 checked!...35 matches found!
```

```
node 21 checked!...40 matches found!
node 22 checked!...34 matches found!
node 23 checked!...36 matches found!
node 24 checked!...40 matches found!
node 25 checked!...33 matches found!
node 26 checked!...33 matches found!
node 27 checked!...35 matches found!
node 28 checked!...38 matches found!
node 29 checked!...33 matches found!
node 30 checked!...35 matches found!

Voting array
--------------
[32 33 33 41 41 33 31 32 29 36 31 37 34 30 27 37 40 31 33 35 40 34 36 40 33
 33 35 38 33 35]

Putative nodes
------------
[21 24 17  5  4]

Best matching node from voting array
----------------------------------------
4

Presence of query node in putative nodes
----------------------------------------
Absent


Node 9 -> query image 12
------------------------

40 features detected!

Checking for matches...

node 1 checked!...21 matches found!
node 2 checked!...22 matches found!
node 3 checked!...24 matches found!
node 4 checked!...24 matches found!
node 5 checked!...23 matches found!
node 6 checked!...21 matches found!
node 7 checked!...20 matches found!
node 8 checked!...24 matches found!
node 9 checked!...21 matches found!
node 10 checked!...23 matches found!
node 11 checked!...22 matches found!
node 12 checked!...22 matches found!
node 13 checked!...21 matches found!
node 14 checked!...21 matches found!
node 15 checked!...21 matches found!
node 16 checked!...22 matches found!
node 17 checked!...21 matches found!
node 18 checked!...22 matches found!
node 19 checked!...23 matches found!
node 20 checked!...21 matches found!
node 21 checked!...22 matches found!
node 22 checked!...22 matches found!
node 23 checked!...18 matches found!
node 24 checked!...19 matches found!
node 25 checked!...20 matches found!
node 26 checked!...21 matches found!
```

```
node 27 checked!...22 matches found!
node 28 checked!...19 matches found!
node 29 checked!...21 matches found!
node 30 checked!...18 matches found!

Voting array
--------------
[21 22 24 24 23 21 20 24 21 23 22 22 21 21 21 22 21 22 23 21 22 22 18 19 20
 21 22 19 21 18]

Putative nodes
------------
[10  5  4  3  8]

Best matching node from voting array
----------------------------------------
3

Presence of query node in putative nodes
----------------------------------------
Absent


Node 9 -> query image 13
------------------------

63 features detected!

Checking for matches...

node 1 checked!...22 matches found!
node 2 checked!...28 matches found!
node 3 checked!...29 matches found!
node 4 checked!...29 matches found!
node 5 checked!...31 matches found!
node 6 checked!...25 matches found!
node 7 checked!...25 matches found!
node 8 checked!...32 matches found!
node 9 checked!...27 matches found!
node 10 checked!...28 matches found!
node 11 checked!...28 matches found!
node 12 checked!...32 matches found!
node 13 checked!...29 matches found!
node 14 checked!...24 matches found!
node 15 checked!...28 matches found!
node 16 checked!...27 matches found!
node 17 checked!...24 matches found!
node 18 checked!...28 matches found!
node 19 checked!...27 matches found!
node 20 checked!...24 matches found!
node 21 checked!...29 matches found!
node 22 checked!...29 matches found!
node 23 checked!...28 matches found!
node 24 checked!...22 matches found!
node 25 checked!...23 matches found!
node 26 checked!...23 matches found!
node 27 checked!...30 matches found!
node 28 checked!...29 matches found!
node 29 checked!...25 matches found!
node 30 checked!...27 matches found!

Voting array
```

```
--------------
[22 28 29 29 31 25 25 32 27 28 28 32 29 24 28 27 24 28 27 24 29 29 28 22 23
 23 30 29 25 27]
```

Putative nodes

```
[22 27  8 12  5]
```

Best matching node from voting array

8

Presence of query node in putative nodes

Absent

Node 9 -> query image 14
----

86 features detected!

Checking for matches...

```
node 1 checked!...33 matches found!
node 2 checked!...31 matches found!
node 3 checked!...37 matches found!
node 4 checked!...35 matches found!
node 5 checked!...37 matches found!
node 6 checked!...32 matches found!
node 7 checked!...34 matches found!
node 8 checked!...40 matches found!
node 9 checked!...32 matches found!
node 10 checked!...38 matches found!
node 11 checked!...35 matches found!
node 12 checked!...35 matches found!
node 13 checked!...33 matches found!
node 14 checked!...28 matches found!
node 15 checked!...35 matches found!
node 16 checked!...43 matches found!
node 17 checked!...32 matches found!
node 18 checked!...39 matches found!
node 19 checked!...38 matches found!
node 20 checked!...32 matches found!
node 21 checked!...39 matches found!
node 22 checked!...36 matches found!
node 23 checked!...40 matches found!
node 24 checked!...40 matches found!
node 25 checked!...36 matches found!
node 26 checked!...38 matches found!
node 27 checked!...37 matches found!
node 28 checked!...35 matches found!
node 29 checked!...37 matches found!
node 30 checked!...37 matches found!
```

Voting array

```
[33 31 37 35 37 32 34 40 32 38 35 35 33 28 35 43 32 39 38 32 39 36 40 40 36
 38 37 35 37 37]
```

Putative nodes

[21 8 24 23 16]

Best matching node from voting array

16

Presence of query node in putative nodes

Absent

Node 9 -> query image 15
----

90 features detected!

Checking for matches...

node 1 checked!...37 matches found!
node 2 checked!...34 matches found!
node 3 checked!...38 matches found!
node 4 checked!...37 matches found!
node 5 checked!...39 matches found!
node 6 checked!...33 matches found!
node 7 checked!...38 matches found!
node 8 checked!...44 matches found!
node 9 checked!...34 matches found!
node 10 checked!...37 matches found!
node 11 checked!...35 matches found!
node 12 checked!...38 matches found!
node 13 checked!...37 matches found!
node 14 checked!...34 matches found!
node 15 checked!...32 matches found!
node 16 checked!...40 matches found!
node 17 checked!...34 matches found!
node 18 checked!...38 matches found!
node 19 checked!...37 matches found!
node 20 checked!...38 matches found!
node 21 checked!...33 matches found!
node 22 checked!...28 matches found!
node 23 checked!...40 matches found!
node 24 checked!...42 matches found!
node 25 checked!...37 matches found!
node 26 checked!...35 matches found!
node 27 checked!...37 matches found!
node 28 checked!...41 matches found!
node 29 checked!...37 matches found!
node 30 checked!...37 matches found!

Voting array

[37 34 38 37 39 33 38 44 34 37 35 38 37 34 32 40 34 38 37 38 33 28 40 42 37
 35 37 41 37 37]

Putative nodes

[16 24 28 8 23]

Best matching node from voting array

8

Presence of query node in putative nodes

Absent

Node 9 -> query image 16
----

91 features detected!

Checking for matches...

node 1 checked!...30 matches found!
node 2 checked!...35 matches found!
node 3 checked!...34 matches found!
node 4 checked!...42 matches found!
node 5 checked!...41 matches found!
node 6 checked!...32 matches found!
node 7 checked!...29 matches found!
node 8 checked!...28 matches found!
node 9 checked!...31 matches found!
node 10 checked!...37 matches found!
node 11 checked!...33 matches found!
node 12 checked!...37 matches found!
node 13 checked!...37 matches found!
node 14 checked!...32 matches found!
node 15 checked!...30 matches found!
node 16 checked!...35 matches found!
node 17 checked!...37 matches found!
node 18 checked!...37 matches found!
node 19 checked!...33 matches found!
node 20 checked!...37 matches found!
node 21 checked!...40 matches found!
node 22 checked!...32 matches found!
node 23 checked!...35 matches found!
node 24 checked!...38 matches found!
node 25 checked!...31 matches found!
node 26 checked!...32 matches found!
node 27 checked!...31 matches found!
node 28 checked!...37 matches found!
node 29 checked!...33 matches found!
node 30 checked!...35 matches found!

Voting array

[30 35 34 42 41 32 29 28 31 37 33 37 37 32 30 35 37 37 33 37 40 32 35 38 31
 32 31 37 33 35]

Putative nodes

[13 24 21 4 5]

Best matching node from voting array

4

Presence of query node in putative nodes

Absent

Node 9 -> query image 17

----

96 features detected!

Checking for matches...

node 1 checked!...30 matches found!
node 2 checked!...29 matches found!
node 3 checked!...35 matches found!
node 4 checked!...37 matches found!
node 5 checked!...35 matches found!
node 6 checked!...39 matches found!
node 7 checked!...33 matches found!
node 8 checked!...37 matches found!
node 9 checked!...39 matches found!
node 10 checked!...39 matches found!
node 11 checked!...37 matches found!
node 12 checked!...34 matches found!
node 13 checked!...36 matches found!
node 14 checked!...32 matches found!
node 15 checked!...32 matches found!
node 16 checked!...36 matches found!
node 17 checked!...35 matches found!
node 18 checked!...36 matches found!
node 19 checked!...37 matches found!
node 20 checked!...35 matches found!
node 21 checked!...38 matches found!
node 22 checked!...29 matches found!
node 23 checked!...41 matches found!
node 24 checked!...37 matches found!
node 25 checked!...36 matches found!
node 26 checked!...34 matches found!
node 27 checked!...38 matches found!
node 28 checked!...36 matches found!
node 29 checked!...34 matches found!
node 30 checked!...41 matches found!

Voting array

[30 29 35 37 35 39 33 37 39 39 37 34 36 32 32 36 35 36 37 35 38 29 41 37 36
 34 38 36 34 41]

Putative nodes

[6 23 10 9 30]

Best matching node from voting array

23

Presence of query node in putative nodes

Present

Node 9 -> query image 18
----

100 features detected!

Checking for matches...

```
node 1 checked!...31 matches found!
node 2 checked!...36 matches found!
node 3 checked!...33 matches found!
node 4 checked!...35 matches found!
node 5 checked!...35 matches found!
node 6 checked!...31 matches found!
node 7 checked!...33 matches found!
node 8 checked!...29 matches found!
node 9 checked!...35 matches found!
node 10 checked!...35 matches found!
node 11 checked!...27 matches found!
node 12 checked!...37 matches found!
node 13 checked!...34 matches found!
node 14 checked!...38 matches found!
node 15 checked!...35 matches found!
node 16 checked!...29 matches found!
node 17 checked!...31 matches found!
node 18 checked!...34 matches found!
node 19 checked!...33 matches found!
node 20 checked!...33 matches found!
node 21 checked!...35 matches found!
node 22 checked!...30 matches found!
node 23 checked!...32 matches found!
node 24 checked!...29 matches found!
node 25 checked!...30 matches found!
node 26 checked!...33 matches found!
node 27 checked!...34 matches found!
node 28 checked!...36 matches found!
node 29 checked!...26 matches found!
node 30 checked!...31 matches found!

Voting array
--------------
[31 36 33 35 35 31 33 29 35 35 27 37 34 38 35 29 31 34 33 33 35 30 32 29 30
 33 34 36 26 31]

Putative nodes
------------
[ 9 28  2 14 12]

Best matching node from voting array
----------------------------------------
14

Presence of query node in putative nodes
----------------------------------------
Present


Node 9 -> query image 19
-----------------------

81 features detected!

Checking for matches...

node 1 checked!...34 matches found!
node 2 checked!...27 matches found!
node 3 checked!...33 matches found!
node 4 checked!...35 matches found!
node 5 checked!...39 matches found!
node 6 checked!...34 matches found!
```

```
node 7 checked!...31 matches found!
node 8 checked!...38 matches found!
node 9 checked!...33 matches found!
node 10 checked!...34 matches found!
node 11 checked!...34 matches found!
node 12 checked!...34 matches found!
node 13 checked!...33 matches found!
node 14 checked!...34 matches found!
node 15 checked!...31 matches found!
node 16 checked!...41 matches found!
node 17 checked!...33 matches found!
node 18 checked!...35 matches found!
node 19 checked!...38 matches found!
node 20 checked!...29 matches found!
node 21 checked!...30 matches found!
node 22 checked!...30 matches found!
node 23 checked!...38 matches found!
node 24 checked!...36 matches found!
node 25 checked!...40 matches found!
node 26 checked!...38 matches found!
node 27 checked!...32 matches found!
node 28 checked!...34 matches found!
node 29 checked!...36 matches found!
node 30 checked!...33 matches found!


Voting array
--------------
[34 27 33 35 39 34 31 38 33 34 34 34 33 34 31 41 33 35 38 29 30 30 38 36 40
 38 32 34 36 33]

Putative nodes
------------
[23 19  5 25 16]

Best matching node from voting array
----------------------------------------
16

Presence of query node in putative nodes
----------------------------------------
Absent


Node 9 -> query image 20
------------------------

88 features detected!

Checking for matches...

node 1 checked!...33 matches found!
node 2 checked!...37 matches found!
node 3 checked!...38 matches found!
node 4 checked!...42 matches found!
node 5 checked!...42 matches found!
node 6 checked!...33 matches found!
node 7 checked!...31 matches found!
node 8 checked!...31 matches found!
node 9 checked!...35 matches found!
node 10 checked!...35 matches found!
node 11 checked!...33 matches found!
node 12 checked!...38 matches found!
```

```
node 13 checked!...35 matches found!
node 14 checked!...33 matches found!
node 15 checked!...30 matches found!
node 16 checked!...38 matches found!
node 17 checked!...39 matches found!
node 18 checked!...38 matches found!
node 19 checked!...34 matches found!
node 20 checked!...38 matches found!
node 21 checked!...36 matches found!
node 22 checked!...32 matches found!
node 23 checked!...39 matches found!
node 24 checked!...37 matches found!
node 25 checked!...29 matches found!
node 26 checked!...30 matches found!
node 27 checked!...34 matches found!
node 28 checked!...40 matches found!
node 29 checked!...33 matches found!
node 30 checked!...35 matches found!
```

Voting array

[33 37 38 42 42 33 31 31 35 35 33 38 35 33 30 38 39 38 34 38 36 32 39 37 29
 30 34 40 33 35]

Putative nodes

[17 5 28 4 23]

Best matching node from voting array

4

Presence of query node in putative nodes

Absent

Node 9 -> query image 21
----

75 features detected!

Checking for matches...

```
node 1 checked!...28 matches found!
node 2 checked!...32 matches found!
node 3 checked!...32 matches found!
node 4 checked!...37 matches found!
node 5 checked!...33 matches found!
node 6 checked!...33 matches found!
node 7 checked!...32 matches found!
node 8 checked!...36 matches found!
node 9 checked!...38 matches found!
node 10 checked!...34 matches found!
node 11 checked!...29 matches found!
node 12 checked!...31 matches found!
node 13 checked!...36 matches found!
node 14 checked!...31 matches found!
node 15 checked!...33 matches found!
node 16 checked!...35 matches found!
node 17 checked!...32 matches found!
node 18 checked!...36 matches found!
```

```
node 19 checked!...30 matches found!
node 20 checked!...37 matches found!
node 21 checked!...36 matches found!
node 22 checked!...30 matches found!
node 23 checked!...36 matches found!
node 24 checked!...37 matches found!
node 25 checked!...33 matches found!
node 26 checked!...35 matches found!
node 27 checked!...38 matches found!
node 28 checked!...40 matches found!
node 29 checked!...36 matches found!
node 30 checked!...34 matches found!

Voting array
--------------
[28 32 32 37 33 33 32 36 38 34 29 31 36 31 33 35 32 36 30 37 36 30 36 37 33
 35 38 40 36 34]

Putative nodes
------------
[ 4 24 28  9 27]

Best matching node from voting array
----------------------------------------
28

Presence of query node in putative nodes
----------------------------------------
Present


Node 9 -> query image 22
------------------------

77 features detected!

Checking for matches...

node 1 checked!...28 matches found!
node 2 checked!...30 matches found!
node 3 checked!...29 matches found!
node 4 checked!...35 matches found!
node 5 checked!...31 matches found!
node 6 checked!...32 matches found!
node 7 checked!...31 matches found!
node 8 checked!...28 matches found!
node 9 checked!...37 matches found!
node 10 checked!...37 matches found!
node 11 checked!...23 matches found!
node 12 checked!...30 matches found!
node 13 checked!...32 matches found!
node 14 checked!...35 matches found!
node 15 checked!...29 matches found!
node 16 checked!...29 matches found!
node 17 checked!...32 matches found!
node 18 checked!...34 matches found!
node 19 checked!...30 matches found!
node 20 checked!...31 matches found!
node 21 checked!...34 matches found!
node 22 checked!...26 matches found!
node 23 checked!...32 matches found!
node 24 checked!...31 matches found!
```

```
node 25 checked!...28 matches found!
node 26 checked!...31 matches found!
node 27 checked!...34 matches found!
node 28 checked!...31 matches found!
node 29 checked!...24 matches found!
node 30 checked!...30 matches found!

Voting array
--------------
[28 30 29 35 31 32 31 28 37 37 23 30 32 35 29 29 32 34 30 31 34 26 32 31 28
 31 34 31 24 30]

Putative nodes
------------
[18  4 14 10  9]

Best matching node from voting array
----------------------------------------
9

Presence of query node in putative nodes
----------------------------------------
Present


Node 9 -> query image 23
------------------------

87 features detected!

Checking for matches...

node 1 checked!...35 matches found!
node 2 checked!...37 matches found!
node 3 checked!...37 matches found!
node 4 checked!...43 matches found!
node 5 checked!...40 matches found!
node 6 checked!...36 matches found!
node 7 checked!...36 matches found!
node 8 checked!...46 matches found!
node 9 checked!...34 matches found!
node 10 checked!...38 matches found!
node 11 checked!...33 matches found!
node 12 checked!...42 matches found!
node 13 checked!...36 matches found!
node 14 checked!...38 matches found!
node 15 checked!...38 matches found!
node 16 checked!...43 matches found!
node 17 checked!...39 matches found!
node 18 checked!...39 matches found!
node 19 checked!...36 matches found!
node 20 checked!...37 matches found!
node 21 checked!...34 matches found!
node 22 checked!...37 matches found!
node 23 checked!...42 matches found!
node 24 checked!...39 matches found!
node 25 checked!...34 matches found!
node 26 checked!...40 matches found!
node 27 checked!...37 matches found!
node 28 checked!...41 matches found!
node 29 checked!...34 matches found!
node 30 checked!...38 matches found!
```

Voting array

[35 37 37 43 40 36 36 46 34 38 33 42 36 38 38 43 39 39 36 37 34 37 42 39 34
 40 37 41 34 38]

Putative nodes

[12 16 8 4 23]

Best matching node from voting array

8

Presence of query node in putative nodes

Absent

Node 9 -> query image 24
----

99 features detected!

Checking for matches...

node 1 checked!...33 matches found!
node 2 checked!...36 matches found!
node 3 checked!...38 matches found!
node 4 checked!...39 matches found!
node 5 checked!...39 matches found!
node 6 checked!...33 matches found!
node 7 checked!...33 matches found!
node 8 checked!...40 matches found!
node 9 checked!...32 matches found!
node 10 checked!...39 matches found!
node 11 checked!...37 matches found!
node 12 checked!...36 matches found!
node 13 checked!...40 matches found!
node 14 checked!...37 matches found!
node 15 checked!...43 matches found!
node 16 checked!...39 matches found!
node 17 checked!...39 matches found!
node 18 checked!...32 matches found!
node 19 checked!...37 matches found!
node 20 checked!...33 matches found!
node 21 checked!...38 matches found!
node 22 checked!...35 matches found!
node 23 checked!...37 matches found!
node 24 checked!...40 matches found!
node 25 checked!...36 matches found!
node 26 checked!...34 matches found!
node 27 checked!...36 matches found!
node 28 checked!...43 matches found!
node 29 checked!...34 matches found!
node 30 checked!...36 matches found!

Voting array

[33 36 38 39 39 33 33 40 32 39 37 36 40 37 43 39 39 32 37 33 38 35 37 40 36
 34 36 43 34 36]

Putative nodes

[24 8 28 13 15]

Best matching node from voting array

15

Presence of query node in putative nodes

Absent

Node 9 -> query image 25
----

99 features detected!

Checking for matches...

node 1 checked!...32 matches found!
node 2 checked!...33 matches found!
node 3 checked!...35 matches found!
node 4 checked!...41 matches found!
node 5 checked!...35 matches found!
node 6 checked!...37 matches found!
node 7 checked!...37 matches found!
node 8 checked!...39 matches found!
node 9 checked!...41 matches found!
node 10 checked!...40 matches found!
node 11 checked!...37 matches found!
node 12 checked!...36 matches found!
node 13 checked!...39 matches found!
node 14 checked!...31 matches found!
node 15 checked!...37 matches found!
node 16 checked!...36 matches found!
node 17 checked!...38 matches found!
node 18 checked!...33 matches found!
node 19 checked!...36 matches found!
node 20 checked!...37 matches found!
node 21 checked!...39 matches found!
node 22 checked!...30 matches found!
node 23 checked!...41 matches found!
node 24 checked!...39 matches found!
node 25 checked!...32 matches found!
node 26 checked!...34 matches found!
node 27 checked!...38 matches found!
node 28 checked!...40 matches found!
node 29 checked!...35 matches found!
node 30 checked!...40 matches found!

Voting array

[32 33 35 41 35 37 37 39 41 40 37 36 39 31 37 36 38 33 36 37 39 30 41 39 32
 34 38 40 35 40]

Putative nodes

[30 9 10 4 23]

Best matching node from voting array

4

Presence of query node in putative nodes

Present

Node 9 -> query image 26
----

99 features detected!

Checking for matches...

node 1 checked!...30 matches found!
node 2 checked!...41 matches found!
node 3 checked!...35 matches found!
node 4 checked!...37 matches found!
node 5 checked!...36 matches found!
node 6 checked!...39 matches found!
node 7 checked!...37 matches found!
node 8 checked!...44 matches found!
node 9 checked!...45 matches found!
node 10 checked!...38 matches found!
node 11 checked!...33 matches found!
node 12 checked!...34 matches found!
node 13 checked!...43 matches found!
node 14 checked!...36 matches found!
node 15 checked!...38 matches found!
node 16 checked!...34 matches found!
node 17 checked!...38 matches found!
node 18 checked!...35 matches found!
node 19 checked!...30 matches found!
node 20 checked!...35 matches found!
node 21 checked!...42 matches found!
node 22 checked!...35 matches found!
node 23 checked!...39 matches found!
node 24 checked!...39 matches found!
node 25 checked!...36 matches found!
node 26 checked!...36 matches found!
node 27 checked!...40 matches found!
node 28 checked!...35 matches found!
node 29 checked!...31 matches found!
node 30 checked!...37 matches found!

Voting array

[30 41 35 37 36 39 37 44 45 38 33 34 43 36 38 34 38 35 30 35 42 35 39 39 36
 36 40 35 31 37]

Putative nodes

[2 21 9 13 8]

Best matching node from voting array

9

Presence of query node in putative nodes

Present

Node 9 -> query image 27
----

98 features detected!

Checking for matches...

node 1 checked!...32 matches found!
node 2 checked!...36 matches found!
node 3 checked!...35 matches found!
node 4 checked!...37 matches found!
node 5 checked!...38 matches found!
node 6 checked!...31 matches found!
node 7 checked!...36 matches found!
node 8 checked!...33 matches found!
node 9 checked!...41 matches found!
node 10 checked!...42 matches found!
node 11 checked!...31 matches found!
node 12 checked!...42 matches found!
node 13 checked!...35 matches found!
node 14 checked!...40 matches found!
node 15 checked!...36 matches found!
node 16 checked!...35 matches found!
node 17 checked!...30 matches found!
node 18 checked!...41 matches found!
node 19 checked!...37 matches found!
node 20 checked!...37 matches found!
node 21 checked!...34 matches found!
node 22 checked!...31 matches found!
node 23 checked!...39 matches found!
node 24 checked!...36 matches found!
node 25 checked!...34 matches found!
node 26 checked!...35 matches found!
node 27 checked!...37 matches found!
node 28 checked!...37 matches found!
node 29 checked!...32 matches found!
node 30 checked!...37 matches found!

Voting array

[32 36 35 37 38 31 36 33 41 42 31 42 35 40 36 35 30 41 37 37 34 31 39 36 34
 35 37 37 32 37]

Putative nodes

[14 18 9 12 10]

Best matching node from voting array

10

Presence of query node in putative nodes

Present

Node 9 -> query image 28
----

89 features detected!

Checking for matches...

node 1 checked!...35 matches found!
node 2 checked!...37 matches found!
node 3 checked!...37 matches found!
node 4 checked!...41 matches found!
node 5 checked!...39 matches found!
node 6 checked!...35 matches found!
node 7 checked!...33 matches found!
node 8 checked!...43 matches found!
node 9 checked!...29 matches found!
node 10 checked!...36 matches found!
node 11 checked!...35 matches found!
node 12 checked!...38 matches found!
node 13 checked!...36 matches found!
node 14 checked!...34 matches found!
node 15 checked!...36 matches found!
node 16 checked!...38 matches found!
node 17 checked!...38 matches found!
node 18 checked!...39 matches found!
node 19 checked!...38 matches found!
node 20 checked!...34 matches found!
node 21 checked!...34 matches found!
node 22 checked!...36 matches found!
node 23 checked!...42 matches found!
node 24 checked!...36 matches found!
node 25 checked!...41 matches found!
node 26 checked!...33 matches found!
node 27 checked!...35 matches found!
node 28 checked!...39 matches found!
node 29 checked!...35 matches found!
node 30 checked!...35 matches found!

Voting array

[35 37 37 41 39 35 33 43 29 36 35 38 36 34 36 38 38 39 38 34 34 36 42 36 41
 33 35 39 35 35]

Putative nodes

[18 25 4 8 23]

Best matching node from voting array

8

Presence of query node in putative nodes

Absent

Node 9 -> query image 29
----

98 features detected!

Checking for matches...

node 1 checked!...33 matches found!
node 2 checked!...31 matches found!
node 3 checked!...38 matches found!
node 4 checked!...43 matches found!

```
node 5 checked!...36 matches found!
node 6 checked!...40 matches found!
node 7 checked!...36 matches found!
node 8 checked!...42 matches found!
node 9 checked!...39 matches found!
node 10 checked!...39 matches found!
node 11 checked!...38 matches found!
node 12 checked!...35 matches found!
node 13 checked!...39 matches found!
node 14 checked!...31 matches found!
node 15 checked!...40 matches found!
node 16 checked!...39 matches found!
node 17 checked!...36 matches found!
node 18 checked!...35 matches found!
node 19 checked!...38 matches found!
node 20 checked!...37 matches found!
node 21 checked!...41 matches found!
node 22 checked!...28 matches found!
node 23 checked!...43 matches found!
node 24 checked!...37 matches found!
node 25 checked!...33 matches found!
node 26 checked!...34 matches found!
node 27 checked!...37 matches found!
node 28 checked!...38 matches found!
node 29 checked!...38 matches found!
node 30 checked!...38 matches found!
```

Voting array

[33 31 38 43 36 40 36 42 39 39 38 35 39 31 40 39 36 35 38 37 41 28 43 37 33
 34 37 38 38 38]

Putative nodes

[15 8 4 21 23]

Best matching node from voting array

4

Presence of query node in putative nodes

Absent

Node 9 -> query image 30
----

94 features detected!

Checking for matches...

```
node 1 checked!...28 matches found!
node 2 checked!...34 matches found!
node 3 checked!...37 matches found!
node 4 checked!...40 matches found!
node 5 checked!...37 matches found!
node 6 checked!...37 matches found!
node 7 checked!...35 matches found!
node 8 checked!...41 matches found!
node 9 checked!...41 matches found!
node 10 checked!...39 matches found!
```

```
node 11 checked!...31 matches found!
node 12 checked!...32 matches found!
node 13 checked!...42 matches found!
node 14 checked!...38 matches found!
node 15 checked!...37 matches found!
node 16 checked!...36 matches found!
node 17 checked!...36 matches found!
node 18 checked!...40 matches found!
node 19 checked!...35 matches found!
node 20 checked!...37 matches found!
node 21 checked!...40 matches found!
node 22 checked!...34 matches found!
node 23 checked!...43 matches found!
node 24 checked!...39 matches found!
node 25 checked!...33 matches found!
node 26 checked!...36 matches found!
node 27 checked!...40 matches found!
node 28 checked!...40 matches found!
node 29 checked!...35 matches found!
node 30 checked!...40 matches found!
```

Voting array

[28 34 37 40 37 37 35 41 41 39 31 32 42 38 37 36 36 40 35 37 40 34 43 39 33
 36 40 40 35 40]

Putative nodes

[21 9 8 23 13]

Best matching node from voting array

23

Presence of query node in putative nodes

Present

Node 9 -> query image 31
----

91 features detected!

Checking for matches...

```
node 1 checked!...33 matches found!
node 2 checked!...34 matches found!
node 3 checked!...36 matches found!
node 4 checked!...40 matches found!
node 5 checked!...40 matches found!
node 6 checked!...35 matches found!
node 7 checked!...40 matches found!
node 8 checked!...37 matches found!
node 9 checked!...35 matches found!
node 10 checked!...42 matches found!
node 11 checked!...36 matches found!
node 12 checked!...42 matches found!
node 13 checked!...40 matches found!
node 14 checked!...40 matches found!
node 15 checked!...36 matches found!
node 16 checked!...37 matches found!
```

```
node 17 checked!...35 matches found!
node 18 checked!...46 matches found!
node 19 checked!...39 matches found!
node 20 checked!...41 matches found!
node 21 checked!...36 matches found!
node 22 checked!...35 matches found!
node 23 checked!...41 matches found!
node 24 checked!...38 matches found!
node 25 checked!...35 matches found!
node 26 checked!...38 matches found!
node 27 checked!...37 matches found!
node 28 checked!...40 matches found!
node 29 checked!...35 matches found!
node 30 checked!...39 matches found!
```

Voting array

[33 34 36 40 40 35 40 37 35 42 36 42 40 40 36 37 35 46 39 41 36 35 41 38 35
 38 37 40 35 39]

Putative nodes

[20 23 10 18 12]

Best matching node from voting array

18

Presence of query node in putative nodes

Absent

Node 9 -> query image 32
----

93 features detected!

Checking for matches...

```
node 1 checked!...36 matches found!
node 2 checked!...38 matches found!
node 3 checked!...39 matches found!
node 4 checked!...44 matches found!
node 5 checked!...39 matches found!
node 6 checked!...33 matches found!
node 7 checked!...37 matches found!
node 8 checked!...40 matches found!
node 9 checked!...32 matches found!
node 10 checked!...40 matches found!
node 11 checked!...36 matches found!
node 12 checked!...39 matches found!
node 13 checked!...40 matches found!
node 14 checked!...33 matches found!
node 15 checked!...37 matches found!
node 16 checked!...38 matches found!
node 17 checked!...39 matches found!
node 18 checked!...42 matches found!
node 19 checked!...37 matches found!
node 20 checked!...37 matches found!
node 21 checked!...36 matches found!
node 22 checked!...37 matches found!
```

```
node 23 checked!...44 matches found!
node 24 checked!...37 matches found!
node 25 checked!...36 matches found!
node 26 checked!...37 matches found!
node 27 checked!...41 matches found!
node 28 checked!...40 matches found!
node 29 checked!...37 matches found!
node 30 checked!...36 matches found!

Voting array
--------------
[36 38 39 44 39 33 37 40 32 40 36 39 40 33 37 38 39 42 37 37 36 37 44 37 36
 37 41 40 37 36]

Putative nodes
------------
[13 27  4 18 23]

Best matching node from voting array
----------------------------------------
4

Presence of query node in putative nodes
----------------------------------------
Absent


Node 9 -> query image 33
------------------------

29 features detected!

Checking for matches...

node 1 checked!...17 matches found!
node 2 checked!...15 matches found!
node 3 checked!...15 matches found!
node 4 checked!...18 matches found!
node 5 checked!...18 matches found!
node 6 checked!...16 matches found!
node 7 checked!...18 matches found!
node 8 checked!...19 matches found!
node 9 checked!...18 matches found!
node 10 checked!...16 matches found!
node 11 checked!...19 matches found!
node 12 checked!...16 matches found!
node 13 checked!...16 matches found!
node 14 checked!...17 matches found!
node 15 checked!...15 matches found!
node 16 checked!...18 matches found!
node 17 checked!...17 matches found!
node 18 checked!...15 matches found!
node 19 checked!...18 matches found!
node 20 checked!...13 matches found!
node 21 checked!...18 matches found!
node 22 checked!...13 matches found!
node 23 checked!...16 matches found!
node 24 checked!...19 matches found!
node 25 checked!...13 matches found!
node 26 checked!...18 matches found!
node 27 checked!...16 matches found!
node 28 checked!...20 matches found!
```

```
node 29 checked!...16 matches found!
node 30 checked!...20 matches found!

Voting array
--------------
[17 15 15 18 18 16 18 19 18 16 19 16 16 17 15 18 17 15 18 13 18 13 16 19 13
 18 16 20 16 20]

Putative nodes
------------
[ 8 24 28 11 30]

Best matching node from voting array
----------------------------------------
28

Presence of query node in putative nodes
----------------------------------------
Absent


Node 9 -> query image 34
------------------------

0 features detected!

Checking for matches...

node 1 checked!...0 matches found!
node 2 checked!...0 matches found!
node 3 checked!...0 matches found!
node 4 checked!...0 matches found!
node 5 checked!...0 matches found!
node 6 checked!...0 matches found!
node 7 checked!...0 matches found!
node 8 checked!...0 matches found!
node 9 checked!...0 matches found!
node 10 checked!...0 matches found!
node 11 checked!...0 matches found!
node 12 checked!...0 matches found!
node 13 checked!...0 matches found!
node 14 checked!...0 matches found!
node 15 checked!...0 matches found!
node 16 checked!...0 matches found!
node 17 checked!...0 matches found!
node 18 checked!...0 matches found!
node 19 checked!...0 matches found!
node 20 checked!...0 matches found!
node 21 checked!...0 matches found!
node 22 checked!...0 matches found!
node 23 checked!...0 matches found!
node 24 checked!...0 matches found!
node 25 checked!...0 matches found!
node 26 checked!...0 matches found!
node 27 checked!...0 matches found!
node 28 checked!...0 matches found!
node 29 checked!...0 matches found!
node 30 checked!...0 matches found!

Voting array
--------------
[0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0]
```

Unable to predict a matching node and putative nodes!

Node 9 -> query image 35
----

69 features detected!

Checking for matches...

node 1 checked!...25 matches found!
node 2 checked!...27 matches found!
node 3 checked!...28 matches found!
node 4 checked!...30 matches found!
node 5 checked!...33 matches found!
node 6 checked!...24 matches found!
node 7 checked!...27 matches found!
node 8 checked!...29 matches found!
node 9 checked!...25 matches found!
node 10 checked!...30 matches found!
node 11 checked!...26 matches found!
node 12 checked!...29 matches found!
node 13 checked!...29 matches found!
node 14 checked!...29 matches found!
node 15 checked!...28 matches found!
node 16 checked!...28 matches found!
node 17 checked!...29 matches found!
node 18 checked!...27 matches found!
node 19 checked!...23 matches found!
node 20 checked!...27 matches found!
node 21 checked!...34 matches found!
node 22 checked!...26 matches found!
node 23 checked!...31 matches found!
node 24 checked!...35 matches found!
node 25 checked!...28 matches found!
node 26 checked!...33 matches found!
node 27 checked!...30 matches found!
node 28 checked!...28 matches found!
node 29 checked!...26 matches found!
node 30 checked!...27 matches found!

Voting array

[25 27 28 30 33 24 27 29 25 30 26 29 29 29 28 28 29 27 23 27 34 26 31 35 28
 33 30 28 26 27]

Putative nodes

[23 5 26 24 21]

Best matching node from voting array

24

Presence of query node in putative nodes

Absent

Node 9 -> query image 36
----

3 features detected!

Checking for matches...

node 1 checked!...3 matches found!
node 2 checked!...3 matches found!
node 3 checked!...3 matches found!
node 4 checked!...3 matches found!
node 5 checked!...3 matches found!
node 6 checked!...3 matches found!
node 7 checked!...3 matches found!
node 8 checked!...3 matches found!
node 9 checked!...3 matches found!
node 10 checked!...3 matches found!
node 11 checked!...3 matches found!
node 12 checked!...3 matches found!
node 13 checked!...3 matches found!
node 14 checked!...3 matches found!
node 15 checked!...3 matches found!
node 16 checked!...3 matches found!
node 17 checked!...3 matches found!
node 18 checked!...3 matches found!
node 19 checked!...3 matches found!
node 20 checked!...3 matches found!
node 21 checked!...3 matches found!
node 22 checked!...3 matches found!
node 23 checked!...3 matches found!
node 24 checked!...3 matches found!
node 25 checked!...3 matches found!
node 26 checked!...3 matches found!
node 27 checked!...3 matches found!
node 28 checked!...3 matches found!
node 29 checked!...3 matches found!
node 30 checked!...3 matches found!

Voting array

[3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3]

Putative nodes

[11 14 12 10 30]

Best matching node from voting array

1

Presence of query node in putative nodes

Absent

Node 9 -> query image 37
----

93 features detected!

Checking for matches...

node 1 checked!...35 matches found!
node 2 checked!...32 matches found!
node 3 checked!...34 matches found!

```
node 4 checked!...36 matches found!
node 5 checked!...38 matches found!
node 6 checked!...30 matches found!
node 7 checked!...31 matches found!
node 8 checked!...36 matches found!
node 9 checked!...32 matches found!
node 10 checked!...34 matches found!
node 11 checked!...37 matches found!
node 12 checked!...28 matches found!
node 13 checked!...38 matches found!
node 14 checked!...30 matches found!
node 15 checked!...33 matches found!
node 16 checked!...39 matches found!
node 17 checked!...37 matches found!
node 18 checked!...34 matches found!
node 19 checked!...31 matches found!
node 20 checked!...33 matches found!
node 21 checked!...38 matches found!
node 22 checked!...32 matches found!
node 23 checked!...38 matches found!
node 24 checked!...35 matches found!
node 25 checked!...34 matches found!
node 26 checked!...38 matches found!
node 27 checked!...36 matches found!
node 28 checked!...35 matches found!
node 29 checked!...31 matches found!
node 30 checked!...38 matches found!


Voting array
--------------
[35 32 34 36 38 30 31 36 32 34 37 28 38 30 33 39 37 34 31 33 38 32 38 35 34
 38 36 35 31 38]

Putative nodes
------------
[21 30 23 26 16]

Best matching node from voting array
----------------------------------------
16

Presence of query node in putative nodes
----------------------------------------
Absent


Node 9 -> query image 38
------------------------

46 features detected!

Checking for matches...

node 1 checked!...25 matches found!
node 2 checked!...23 matches found!
node 3 checked!...28 matches found!
node 4 checked!...26 matches found!
node 5 checked!...24 matches found!
node 6 checked!...23 matches found!
node 7 checked!...22 matches found!
node 8 checked!...22 matches found!
node 9 checked!...22 matches found!
```

```
node 10 checked!...25 matches found!
node 11 checked!...21 matches found!
node 12 checked!...23 matches found!
node 13 checked!...25 matches found!
node 14 checked!...27 matches found!
node 15 checked!...22 matches found!
node 16 checked!...27 matches found!
node 17 checked!...31 matches found!
node 18 checked!...28 matches found!
node 19 checked!...26 matches found!
node 20 checked!...23 matches found!
node 21 checked!...27 matches found!
node 22 checked!...25 matches found!
node 23 checked!...28 matches found!
node 24 checked!...27 matches found!
node 25 checked!...23 matches found!
node 26 checked!...25 matches found!
node 27 checked!...29 matches found!
node 28 checked!...26 matches found!
node 29 checked!...22 matches found!
node 30 checked!...27 matches found!
```

Voting array

[25 23 28 26 24 23 22 22 22 25 21 23 25 27 22 27 31 28 26 23 27 25 28 27 23
 25 29 26 22 27]

Putative nodes

[3 23 18 27 17]

Best matching node from voting array

17

Presence of query node in putative nodes

Absent

Node 9 -> query image 39
----

80 features detected!

Checking for matches...

```
node 1 checked!...32 matches found!
node 2 checked!...31 matches found!
node 3 checked!...34 matches found!
node 4 checked!...38 matches found!
node 5 checked!...32 matches found!
node 6 checked!...33 matches found!
node 7 checked!...36 matches found!
node 8 checked!...36 matches found!
node 9 checked!...34 matches found!
node 10 checked!...38 matches found!
node 11 checked!...35 matches found!
node 12 checked!...35 matches found!
node 13 checked!...37 matches found!
node 14 checked!...30 matches found!
node 15 checked!...34 matches found!
```

```
node 16 checked!...37 matches found!
node 17 checked!...35 matches found!
node 18 checked!...37 matches found!
node 19 checked!...34 matches found!
node 20 checked!...30 matches found!
node 21 checked!...41 matches found!
node 22 checked!...30 matches found!
node 23 checked!...41 matches found!
node 24 checked!...41 matches found!
node 25 checked!...35 matches found!
node 26 checked!...39 matches found!
node 27 checked!...38 matches found!
node 28 checked!...35 matches found!
node 29 checked!...35 matches found!
node 30 checked!...35 matches found!
```

Voting array

[32 31 34 38 32 33 36 36 34 38 35 35 37 30 34 37 35 37 34 30 41 30 41 41 35
 39 38 35 35 35]

Putative nodes

[4 26 24 21 23]

Best matching node from voting array

21

Presence of query node in putative nodes

Absent

Node 9 -> query image 40
----

43 features detected!

Checking for matches...

```
node 1 checked!...19 matches found!
node 2 checked!...23 matches found!
node 3 checked!...21 matches found!
node 4 checked!...25 matches found!
node 5 checked!...20 matches found!
node 6 checked!...16 matches found!
node 7 checked!...24 matches found!
node 8 checked!...25 matches found!
node 9 checked!...22 matches found!
node 10 checked!...20 matches found!
node 11 checked!...22 matches found!
node 12 checked!...25 matches found!
node 13 checked!...25 matches found!
node 14 checked!...26 matches found!
node 15 checked!...23 matches found!
node 16 checked!...23 matches found!
node 17 checked!...18 matches found!
node 18 checked!...24 matches found!
node 19 checked!...27 matches found!
node 20 checked!...23 matches found!
node 21 checked!...27 matches found!
```

```
node 22 checked!...22 matches found!
node 23 checked!...22 matches found!
node 24 checked!...23 matches found!
node 25 checked!...18 matches found!
node 26 checked!...25 matches found!
node 27 checked!...25 matches found!
node 28 checked!...25 matches found!
node 29 checked!...16 matches found!
node 30 checked!...22 matches found!

Voting array
--------------
[19 23 21 25 20 16 24 25 22 20 22 25 25 26 23 23 18 24 27 23 27 22 22 23 18
 25 25 25 16 22]

Putative nodes
------------
[ 8 13 14 19 21]

Best matching node from voting array
----------------------------------------
19

Presence of query node in putative nodes
----------------------------------------
Absent


 Node 9 testing completed!


Node 10 -> query image 1
------------------------

62 features detected!

Checking for matches...

node 1 checked!...31 matches found!
node 2 checked!...31 matches found!
node 3 checked!...31 matches found!
node 4 checked!...34 matches found!
node 5 checked!...33 matches found!
node 6 checked!...27 matches found!
node 7 checked!...24 matches found!
node 8 checked!...28 matches found!
node 9 checked!...27 matches found!
node 10 checked!...26 matches found!
node 11 checked!...37 matches found!
node 12 checked!...26 matches found!
node 13 checked!...29 matches found!
node 14 checked!...34 matches found!
node 15 checked!...30 matches found!
node 16 checked!...30 matches found!
node 17 checked!...35 matches found!
node 18 checked!...30 matches found!
node 19 checked!...33 matches found!
node 20 checked!...33 matches found!
node 21 checked!...35 matches found!
node 22 checked!...29 matches found!
node 23 checked!...33 matches found!
node 24 checked!...30 matches found!
```

```
node 25 checked!...27 matches found!
node 26 checked!...33 matches found!
node 27 checked!...29 matches found!
node 28 checked!...32 matches found!
node 29 checked!...31 matches found!
node 30 checked!...29 matches found!
```

```
Voting array
--------------
[31 31 31 34 33 27 24 28 27 26 37 26 29 34 30 30 35 30 33 33 35 29 33 30 27
 33 29 32 31 29]
```

```
Putative nodes
------------
[14  4 21 11 17]
```

```
Best matching node from voting array
---------------------------------------
11
```

```
Presence of query node in putative nodes
---------------------------------------
Absent
```

```
Node 10 -> query image 2
-----------------------
```

```
89 features detected!
```

```
Checking for matches...
```

```
node 1 checked!...37 matches found!
node 2 checked!...39 matches found!
node 3 checked!...40 matches found!
node 4 checked!...39 matches found!
node 5 checked!...33 matches found!
node 6 checked!...36 matches found!
node 7 checked!...35 matches found!
node 8 checked!...35 matches found!
node 9 checked!...39 matches found!
node 10 checked!...40 matches found!
node 11 checked!...35 matches found!
node 12 checked!...43 matches found!
node 13 checked!...43 matches found!
node 14 checked!...34 matches found!
node 15 checked!...39 matches found!
node 16 checked!...38 matches found!
node 17 checked!...38 matches found!
node 18 checked!...41 matches found!
node 19 checked!...37 matches found!
node 20 checked!...38 matches found!
node 21 checked!...45 matches found!
node 22 checked!...36 matches found!
node 23 checked!...41 matches found!
node 24 checked!...40 matches found!
node 25 checked!...37 matches found!
node 26 checked!...43 matches found!
node 27 checked!...36 matches found!
node 28 checked!...42 matches found!
node 29 checked!...34 matches found!
node 30 checked!...33 matches found!
```

Voting array

[37 39 40 39 33 36 35 35 39 40 35 43 43 34 39 38 38 41 37 38 45 36 41 40 37
 43 36 42 34 33]

Putative nodes

[28 12 21 26 13]

Best matching node from voting array

21

Presence of query node in putative nodes

Absent

Node 10 -> query image 3
----

68 features detected!

Checking for matches...

node 1 checked!...23 matches found!
node 2 checked!...29 matches found!
node 3 checked!...29 matches found!
node 4 checked!...29 matches found!
node 5 checked!...31 matches found!
node 6 checked!...29 matches found!
node 7 checked!...28 matches found!
node 8 checked!...30 matches found!
node 9 checked!...28 matches found!
node 10 checked!...36 matches found!
node 11 checked!...27 matches found!
node 12 checked!...36 matches found!
node 13 checked!...33 matches found!
node 14 checked!...33 matches found!
node 15 checked!...31 matches found!
node 16 checked!...29 matches found!
node 17 checked!...28 matches found!
node 18 checked!...26 matches found!
node 19 checked!...29 matches found!
node 20 checked!...29 matches found!
node 21 checked!...27 matches found!
node 22 checked!...26 matches found!
node 23 checked!...35 matches found!
node 24 checked!...23 matches found!
node 25 checked!...28 matches found!
node 26 checked!...23 matches found!
node 27 checked!...29 matches found!
node 28 checked!...30 matches found!
node 29 checked!...26 matches found!
node 30 checked!...29 matches found!

Voting array

[23 29 29 29 31 29 28 30 28 36 27 36 33 33 31 29 28 26 29 29 27 26 35 23 28
 23 29 30 26 29]

Putative nodes

[14 13 23 12 10]

Best matching node from voting array

10

Presence of query node in putative nodes

Present

Node 10 -> query image 4
----

82 features detected!

Checking for matches...

node 1 checked!...28 matches found!
node 2 checked!...31 matches found!
node 3 checked!...31 matches found!
node 4 checked!...29 matches found!
node 5 checked!...33 matches found!
node 6 checked!...27 matches found!
node 7 checked!...28 matches found!
node 8 checked!...29 matches found!
node 9 checked!...26 matches found!
node 10 checked!...26 matches found!
node 11 checked!...29 matches found!
node 12 checked!...28 matches found!
node 13 checked!...35 matches found!
node 14 checked!...31 matches found!
node 15 checked!...25 matches found!
node 16 checked!...29 matches found!
node 17 checked!...32 matches found!
node 18 checked!...26 matches found!
node 19 checked!...29 matches found!
node 20 checked!...30 matches found!
node 21 checked!...32 matches found!
node 22 checked!...23 matches found!
node 23 checked!...27 matches found!
node 24 checked!...29 matches found!
node 25 checked!...25 matches found!
node 26 checked!...30 matches found!
node 27 checked!...30 matches found!
node 28 checked!...27 matches found!
node 29 checked!...26 matches found!
node 30 checked!...31 matches found!

Voting array

[28 31 31 29 33 27 28 29 26 26 29 28 35 31 25 29 32 26 29 30 32 23 27 29 25
 30 30 27 26 31]

Putative nodes

[30 21 5 17 13]

Best matching node from voting array

13

Presence of query node in putative nodes

Absent

Node 10 -> query image 5
----

88 features detected!

Checking for matches...

node 1 checked!...29 matches found!
node 2 checked!...35 matches found!
node 3 checked!...36 matches found!
node 4 checked!...35 matches found!
node 5 checked!...36 matches found!
node 6 checked!...32 matches found!
node 7 checked!...36 matches found!
node 8 checked!...36 matches found!
node 9 checked!...29 matches found!
node 10 checked!...32 matches found!
node 11 checked!...33 matches found!
node 12 checked!...33 matches found!
node 13 checked!...34 matches found!
node 14 checked!...33 matches found!
node 15 checked!...30 matches found!
node 16 checked!...39 matches found!
node 17 checked!...38 matches found!
node 18 checked!...37 matches found!
node 19 checked!...36 matches found!
node 20 checked!...30 matches found!
node 21 checked!...40 matches found!
node 22 checked!...29 matches found!
node 23 checked!...36 matches found!
node 24 checked!...39 matches found!
node 25 checked!...41 matches found!
node 26 checked!...36 matches found!
node 27 checked!...39 matches found!
node 28 checked!...36 matches found!
node 29 checked!...35 matches found!
node 30 checked!...37 matches found!

Voting array

[29 35 36 35 36 32 36 36 29 32 33 33 34 33 30 39 38 37 36 30 40 29 36 39 41
 36 39 36 35 37]

Putative nodes

[16 24 25 21 27]

Best matching node from voting array

25

Presence of query node in putative nodes

Absent

Node 10 -> query image 6
----

91 features detected!

Checking for matches...

node 1 checked!...34 matches found!
node 2 checked!...35 matches found!
node 3 checked!...34 matches found!
node 4 checked!...38 matches found!
node 5 checked!...36 matches found!
node 6 checked!...32 matches found!
node 7 checked!...32 matches found!
node 8 checked!...35 matches found!
node 9 checked!...31 matches found!
node 10 checked!...39 matches found!
node 11 checked!...39 matches found!
node 12 checked!...35 matches found!
node 13 checked!...34 matches found!
node 14 checked!...31 matches found!
node 15 checked!...30 matches found!
node 16 checked!...36 matches found!
node 17 checked!...39 matches found!
node 18 checked!...34 matches found!
node 19 checked!...38 matches found!
node 20 checked!...32 matches found!
node 21 checked!...39 matches found!
node 22 checked!...37 matches found!
node 23 checked!...41 matches found!
node 24 checked!...35 matches found!
node 25 checked!...38 matches found!
node 26 checked!...43 matches found!
node 27 checked!...37 matches found!
node 28 checked!...37 matches found!
node 29 checked!...36 matches found!
node 30 checked!...37 matches found!

Voting array

[34 35 34 38 36 32 32 35 31 39 39 35 34 31 30 36 39 34 38 32 39 37 41 35 38
 43 37 37 36 37]

Putative nodes

[17 21 23 11 26]

Best matching node from voting array

26

Presence of query node in putative nodes

Absent

Node 10 -> query image 7
----

79 features detected!

Checking for matches...

node 1 checked!...32 matches found!
node 2 checked!...29 matches found!
node 3 checked!...29 matches found!
node 4 checked!...33 matches found!
node 5 checked!...31 matches found!
node 6 checked!...30 matches found!
node 7 checked!...32 matches found!
node 8 checked!...31 matches found!
node 9 checked!...26 matches found!
node 10 checked!...41 matches found!
node 11 checked!...30 matches found!
node 12 checked!...32 matches found!
node 13 checked!...29 matches found!
node 14 checked!...29 matches found!
node 15 checked!...31 matches found!
node 16 checked!...27 matches found!
node 17 checked!...30 matches found!
node 18 checked!...31 matches found!
node 19 checked!...28 matches found!
node 20 checked!...32 matches found!
node 21 checked!...34 matches found!
node 22 checked!...27 matches found!
node 23 checked!...30 matches found!
node 24 checked!...33 matches found!
node 25 checked!...30 matches found!
node 26 checked!...28 matches found!
node 27 checked!...30 matches found!
node 28 checked!...34 matches found!
node 29 checked!...29 matches found!
node 30 checked!...30 matches found!

Voting array

[32 29 29 33 31 30 32 31 26 41 30 32 29 29 31 27 30 31 28 32 34 27 30 33 30
 28 30 34 29 30]

Putative nodes

[4 24 21 28 10]

Best matching node from voting array

10

Presence of query node in putative nodes

Present

Node 10 -> query image 8
----

84 features detected!

Checking for matches...

node 1 checked!...35 matches found!
node 2 checked!...35 matches found!
node 3 checked!...38 matches found!
node 4 checked!...41 matches found!

```
node 5 checked!...39 matches found!
node 6 checked!...31 matches found!
node 7 checked!...34 matches found!
node 8 checked!...40 matches found!
node 9 checked!...34 matches found!
node 10 checked!...40 matches found!
node 11 checked!...36 matches found!
node 12 checked!...36 matches found!
node 13 checked!...36 matches found!
node 14 checked!...34 matches found!
node 15 checked!...39 matches found!
node 16 checked!...37 matches found!
node 17 checked!...29 matches found!
node 18 checked!...37 matches found!
node 19 checked!...31 matches found!
node 20 checked!...33 matches found!
node 21 checked!...38 matches found!
node 22 checked!...37 matches found!
node 23 checked!...40 matches found!
node 24 checked!...34 matches found!
node 25 checked!...32 matches found!
node 26 checked!...36 matches found!
node 27 checked!...47 matches found!
node 28 checked!...41 matches found!
node 29 checked!...32 matches found!
node 30 checked!...39 matches found!
```

Voting array

[35 35 38 41 39 31 34 40 34 40 36 36 36 34 39 37 29 37 31 33 38 37 40 34 32
 36 47 41 32 39]

Putative nodes

[8 10 28 4 27]

Best matching node from voting array

27

Presence of query node in putative nodes

Present

Node 10 -> query image 9
----

94 features detected!

Checking for matches...

```
node 1 checked!...38 matches found!
node 2 checked!...40 matches found!
node 3 checked!...43 matches found!
node 4 checked!...37 matches found!
node 5 checked!...42 matches found!
node 6 checked!...34 matches found!
node 7 checked!...33 matches found!
node 8 checked!...37 matches found!
node 9 checked!...31 matches found!
node 10 checked!...44 matches found!
```

```
node 11 checked!...40 matches found!
node 12 checked!...35 matches found!
node 13 checked!...34 matches found!
node 14 checked!...32 matches found!
node 15 checked!...34 matches found!
node 16 checked!...30 matches found!
node 17 checked!...44 matches found!
node 18 checked!...35 matches found!
node 19 checked!...35 matches found!
node 20 checked!...35 matches found!
node 21 checked!...43 matches found!
node 22 checked!...33 matches found!
node 23 checked!...37 matches found!
node 24 checked!...39 matches found!
node 25 checked!...33 matches found!
node 26 checked!...37 matches found!
node 27 checked!...38 matches found!
node 28 checked!...40 matches found!
node 29 checked!...33 matches found!
node 30 checked!...39 matches found!
```

Voting array

```
[38 40 43 37 42 34 33 37 31 44 40 35 34 32 34 30 44 35 35 35 43 33 37 39 33
 37 38 40 33 39]
```

Putative nodes

```
[ 5  3 21 10 17]
```

Best matching node from voting array

10

Presence of query node in putative nodes

Present

Node 10 -> query image 10
----

68 features detected!

Checking for matches...

```
node 1 checked!...26 matches found!
node 2 checked!...27 matches found!
node 3 checked!...32 matches found!
node 4 checked!...31 matches found!
node 5 checked!...27 matches found!
node 6 checked!...23 matches found!
node 7 checked!...28 matches found!
node 8 checked!...29 matches found!
node 9 checked!...28 matches found!
node 10 checked!...26 matches found!
node 11 checked!...28 matches found!
node 12 checked!...25 matches found!
node 13 checked!...31 matches found!
node 14 checked!...29 matches found!
node 15 checked!...25 matches found!
node 16 checked!...28 matches found!
```

```
node 17 checked!...27 matches found!
node 18 checked!...22 matches found!
node 19 checked!...28 matches found!
node 20 checked!...27 matches found!
node 21 checked!...26 matches found!
node 22 checked!...24 matches found!
node 23 checked!...25 matches found!
node 24 checked!...24 matches found!
node 25 checked!...25 matches found!
node 26 checked!...27 matches found!
node 27 checked!...28 matches found!
node 28 checked!...24 matches found!
node 29 checked!...24 matches found!
node 30 checked!...29 matches found!
```

Voting array

[26 27 32 31 27 23 28 29 28 26 28 25 31 29 25 28 27 22 28 27 26 24 25 24 25
 27 28 24 24 29]

Putative nodes

[14 8 4 3 13]

Best matching node from voting array

3

Presence of query node in putative nodes

Absent

Node 10 -> query image 11
----

35 features detected!

Checking for matches...

```
node 1 checked!...20 matches found!
node 2 checked!...16 matches found!
node 3 checked!...17 matches found!
node 4 checked!...19 matches found!
node 5 checked!...21 matches found!
node 6 checked!...15 matches found!
node 7 checked!...16 matches found!
node 8 checked!...17 matches found!
node 9 checked!...17 matches found!
node 10 checked!...16 matches found!
node 11 checked!...20 matches found!
node 12 checked!...16 matches found!
node 13 checked!...16 matches found!
node 14 checked!...18 matches found!
node 15 checked!...15 matches found!
node 16 checked!...19 matches found!
node 17 checked!...25 matches found!
node 18 checked!...22 matches found!
node 19 checked!...20 matches found!
node 20 checked!...16 matches found!
node 21 checked!...20 matches found!
node 22 checked!...15 matches found!
```

```
node 23 checked!...16 matches found!
node 24 checked!...21 matches found!
node 25 checked!...15 matches found!
node 26 checked!...22 matches found!
node 27 checked!...20 matches found!
node 28 checked!...22 matches found!
node 29 checked!...18 matches found!
node 30 checked!...17 matches found!

Voting array
--------------
[20 16 17 19 21 15 16 17 17 16 20 16 16 18 15 19 25 22 20 16 20 15 16 21 15
 22 20 22 18 17]

Putative nodes
------------
[24 28 18 17 26]

Best matching node from voting array
----------------------------------------
17

Presence of query node in putative nodes
----------------------------------------
Absent


Node 10 -> query image 12
------------------------

52 features detected!

Checking for matches...

node 1 checked!...26 matches found!
node 2 checked!...24 matches found!
node 3 checked!...27 matches found!
node 4 checked!...32 matches found!
node 5 checked!...29 matches found!
node 6 checked!...25 matches found!
node 7 checked!...24 matches found!
node 8 checked!...30 matches found!
node 9 checked!...27 matches found!
node 10 checked!...30 matches found!
node 11 checked!...27 matches found!
node 12 checked!...30 matches found!
node 13 checked!...29 matches found!
node 14 checked!...31 matches found!
node 15 checked!...25 matches found!
node 16 checked!...22 matches found!
node 17 checked!...27 matches found!
node 18 checked!...22 matches found!
node 19 checked!...26 matches found!
node 20 checked!...27 matches found!
node 21 checked!...27 matches found!
node 22 checked!...26 matches found!
node 23 checked!...29 matches found!
node 24 checked!...24 matches found!
node 25 checked!...25 matches found!
node 26 checked!...23 matches found!
node 27 checked!...29 matches found!
node 28 checked!...27 matches found!
```

```
node 29 checked!...30 matches found!
node 30 checked!...28 matches found!

Voting array
--------------
[26 24 27 32 29 25 24 30 27 30 27 30 29 31 25 22 27 22 26 27 27 26 29 24 25
 23 29 27 30 28]

Putative nodes
------------
[10  8 12 14  4]

Best matching node from voting array
----------------------------------------
4

Presence of query node in putative nodes
----------------------------------------
Present


Node 10 -> query image 13
-----------------------

82 features detected!

Checking for matches...

node 1 checked!...32 matches found!
node 2 checked!...32 matches found!
node 3 checked!...34 matches found!
node 4 checked!...35 matches found!
node 5 checked!...40 matches found!
node 6 checked!...35 matches found!
node 7 checked!...30 matches found!
node 8 checked!...31 matches found!
node 9 checked!...33 matches found!
node 10 checked!...40 matches found!
node 11 checked!...32 matches found!
node 12 checked!...34 matches found!
node 13 checked!...35 matches found!
node 14 checked!...33 matches found!
node 15 checked!...36 matches found!
node 16 checked!...34 matches found!
node 17 checked!...30 matches found!
node 18 checked!...31 matches found!
node 19 checked!...31 matches found!
node 20 checked!...30 matches found!
node 21 checked!...31 matches found!
node 22 checked!...28 matches found!
node 23 checked!...37 matches found!
node 24 checked!...35 matches found!
node 25 checked!...36 matches found!
node 26 checked!...31 matches found!
node 27 checked!...36 matches found!
node 28 checked!...36 matches found!
node 29 checked!...31 matches found!
node 30 checked!...34 matches found!

Voting array
--------------
[32 32 34 35 40 35 30 31 33 40 32 34 35 33 36 34 30 31 31 30 31 28 37 35 36
```

```
 31 36 36 31 34]
```

Putative nodes

[15 25 5 10 23]

Best matching node from voting array

5

Presence of query node in putative nodes

Present

Node 10 -> query image 14
----

61 features detected!

Checking for matches...

```
node 1 checked!...25 matches found!
node 2 checked!...28 matches found!
node 3 checked!...29 matches found!
node 4 checked!...29 matches found!
node 5 checked!...29 matches found!
node 6 checked!...27 matches found!
node 7 checked!...26 matches found!
node 8 checked!...32 matches found!
node 9 checked!...29 matches found!
node 10 checked!...29 matches found!
node 11 checked!...29 matches found!
node 12 checked!...27 matches found!
node 13 checked!...29 matches found!
node 14 checked!...30 matches found!
node 15 checked!...27 matches found!
node 16 checked!...27 matches found!
node 17 checked!...35 matches found!
node 18 checked!...31 matches found!
node 19 checked!...27 matches found!
node 20 checked!...30 matches found!
node 21 checked!...38 matches found!
node 22 checked!...27 matches found!
node 23 checked!...36 matches found!
node 24 checked!...35 matches found!
node 25 checked!...29 matches found!
node 26 checked!...33 matches found!
node 27 checked!...33 matches found!
node 28 checked!...35 matches found!
node 29 checked!...25 matches found!
node 30 checked!...31 matches found!
```

Voting array

[25 28 29 29 29 27 26 32 29 29 29 27 29 30 27 27 35 31 27 30 38 27 36 35 29
 33 33 35 25 31]

Putative nodes

[28 17 24 21 23]

Best matching node from voting array

21

Presence of query node in putative nodes

Absent

Node 10 -> query image 15
----

36 features detected!

Checking for matches...

node 1 checked!...17 matches found!
node 2 checked!...16 matches found!
node 3 checked!...18 matches found!
node 4 checked!...20 matches found!
node 5 checked!...19 matches found!
node 6 checked!...20 matches found!
node 7 checked!...16 matches found!
node 8 checked!...17 matches found!
node 9 checked!...19 matches found!
node 10 checked!...19 matches found!
node 11 checked!...20 matches found!
node 12 checked!...19 matches found!
node 13 checked!...17 matches found!
node 14 checked!...19 matches found!
node 15 checked!...17 matches found!
node 16 checked!...18 matches found!
node 17 checked!...17 matches found!
node 18 checked!...18 matches found!
node 19 checked!...18 matches found!
node 20 checked!...22 matches found!
node 21 checked!...21 matches found!
node 22 checked!...15 matches found!
node 23 checked!...16 matches found!
node 24 checked!...17 matches found!
node 25 checked!...19 matches found!
node 26 checked!...18 matches found!
node 27 checked!...19 matches found!
node 28 checked!...18 matches found!
node 29 checked!...17 matches found!
node 30 checked!...15 matches found!

Voting array

[17 16 18 20 19 20 16 17 19 19 20 19 17 19 17 18 17 18 18 22 21 15 16 17 19
 18 19 18 17 15]

Putative nodes

[11 4 6 21 20]

Best matching node from voting array

20

Presence of query node in putative nodes

Absent

Node 10 -> query image 16
----

71 features detected!

Checking for matches...

node 1 checked!...32 matches found!
node 2 checked!...34 matches found!
node 3 checked!...33 matches found!
node 4 checked!...32 matches found!
node 5 checked!...33 matches found!
node 6 checked!...36 matches found!
node 7 checked!...33 matches found!
node 8 checked!...33 matches found!
node 9 checked!...31 matches found!
node 10 checked!...34 matches found!
node 11 checked!...35 matches found!
node 12 checked!...33 matches found!
node 13 checked!...36 matches found!
node 14 checked!...27 matches found!
node 15 checked!...27 matches found!
node 16 checked!...32 matches found!
node 17 checked!...32 matches found!
node 18 checked!...31 matches found!
node 19 checked!...29 matches found!
node 20 checked!...30 matches found!
node 21 checked!...31 matches found!
node 22 checked!...33 matches found!
node 23 checked!...35 matches found!
node 24 checked!...36 matches found!
node 25 checked!...35 matches found!
node 26 checked!...32 matches found!
node 27 checked!...28 matches found!
node 28 checked!...34 matches found!
node 29 checked!...30 matches found!
node 30 checked!...31 matches found!

Voting array

[32 34 33 32 33 36 33 33 31 34 35 33 36 27 27 32 32 31 29 30 31 33 35 36 35
 32 28 34 30 31]

Putative nodes

[23 25 24 13 6]

Best matching node from voting array

6

Presence of query node in putative nodes

Absent

Node 10 -> query image 17
----

83 features detected!

Checking for matches...

node 1 checked!...31 matches found!
node 2 checked!...30 matches found!
node 3 checked!...32 matches found!
node 4 checked!...33 matches found!
node 5 checked!...34 matches found!
node 6 checked!...35 matches found!
node 7 checked!...34 matches found!
node 8 checked!...32 matches found!
node 9 checked!...28 matches found!
node 10 checked!...33 matches found!
node 11 checked!...36 matches found!
node 12 checked!...30 matches found!
node 13 checked!...30 matches found!
node 14 checked!...30 matches found!
node 15 checked!...30 matches found!
node 16 checked!...35 matches found!
node 17 checked!...34 matches found!
node 18 checked!...34 matches found!
node 19 checked!...31 matches found!
node 20 checked!...32 matches found!
node 21 checked!...40 matches found!
node 22 checked!...32 matches found!
node 23 checked!...35 matches found!
node 24 checked!...31 matches found!
node 25 checked!...30 matches found!
node 26 checked!...32 matches found!
node 27 checked!...40 matches found!
node 28 checked!...39 matches found!
node 29 checked!...33 matches found!
node 30 checked!...35 matches found!

Voting array

[31 30 32 33 34 35 34 32 28 33 36 30 30 30 30 35 34 34 31 32 40 32 35 31 30
 32 40 39 33 35]

Putative nodes

[16 11 28 21 27]

Best matching node from voting array

21

Presence of query node in putative nodes

Absent

Node 10 -> query image 18
----

92 features detected!

Checking for matches...

node 1 checked!...33 matches found!
node 2 checked!...31 matches found!

```
node 3 checked!...34 matches found!
node 4 checked!...39 matches found!
node 5 checked!...40 matches found!
node 6 checked!...32 matches found!
node 7 checked!...31 matches found!
node 8 checked!...33 matches found!
node 9 checked!...32 matches found!
node 10 checked!...43 matches found!
node 11 checked!...37 matches found!
node 12 checked!...38 matches found!
node 13 checked!...40 matches found!
node 14 checked!...32 matches found!
node 15 checked!...33 matches found!
node 16 checked!...39 matches found!
node 17 checked!...34 matches found!
node 18 checked!...31 matches found!
node 19 checked!...32 matches found!
node 20 checked!...30 matches found!
node 21 checked!...37 matches found!
node 22 checked!...32 matches found!
node 23 checked!...42 matches found!
node 24 checked!...35 matches found!
node 25 checked!...35 matches found!
node 26 checked!...33 matches found!
node 27 checked!...40 matches found!
node 28 checked!...38 matches found!
node 29 checked!...32 matches found!
node 30 checked!...39 matches found!
```

Voting array

[33 31 34 39 40 32 31 33 32 43 37 38 40 32 33 39 34 31 32 30 37 32 42 35 35
 33 40 38 32 39]

Putative nodes

[13 27 23 10 5]

Best matching node from voting array

10

Presence of query node in putative nodes

Present

Node 10 -> query image 19
----

81 features detected!

Checking for matches...

```
node 1 checked!...38 matches found!
node 2 checked!...39 matches found!
node 3 checked!...34 matches found!
node 4 checked!...35 matches found!
node 5 checked!...39 matches found!
node 6 checked!...32 matches found!
node 7 checked!...29 matches found!
node 8 checked!...32 matches found!
```

```
node 9 checked!...31 matches found!
node 10 checked!...41 matches found!
node 11 checked!...37 matches found!
node 12 checked!...35 matches found!
node 13 checked!...35 matches found!
node 14 checked!...33 matches found!
node 15 checked!...33 matches found!
node 16 checked!...35 matches found!
node 17 checked!...40 matches found!
node 18 checked!...37 matches found!
node 19 checked!...32 matches found!
node 20 checked!...32 matches found!
node 21 checked!...39 matches found!
node 22 checked!...32 matches found!
node 23 checked!...37 matches found!
node 24 checked!...37 matches found!
node 25 checked!...33 matches found!
node 26 checked!...40 matches found!
node 27 checked!...39 matches found!
node 28 checked!...35 matches found!
node 29 checked!...28 matches found!
node 30 checked!...34 matches found!


Voting array
--------------
[38 39 34 35 39 32 29 32 31 41 37 35 35 33 33 35 40 37 32 32 39 32 37 37 33
 40 39 35 28 34]

Putative nodes
-------------
[ 5 10 17 26 21]

Best matching node from voting array
----------------------------------------
10

Presence of query node in putative nodes
----------------------------------------
Present


Node 10 -> query image 20
------------------------

89 features detected!

Checking for matches...

node 1 checked!...32 matches found!
node 2 checked!...35 matches found!
node 3 checked!...35 matches found!
node 4 checked!...40 matches found!
node 5 checked!...37 matches found!
node 6 checked!...35 matches found!
node 7 checked!...37 matches found!
node 8 checked!...38 matches found!
node 9 checked!...31 matches found!
node 10 checked!...34 matches found!
node 11 checked!...33 matches found!
node 12 checked!...33 matches found!
node 13 checked!...36 matches found!
node 14 checked!...32 matches found!
```

```
node 15 checked!...31 matches found!
node 16 checked!...33 matches found!
node 17 checked!...35 matches found!
node 18 checked!...42 matches found!
node 19 checked!...33 matches found!
node 20 checked!...32 matches found!
node 21 checked!...38 matches found!
node 22 checked!...34 matches found!
node 23 checked!...38 matches found!
node 24 checked!...36 matches found!
node 25 checked!...37 matches found!
node 26 checked!...39 matches found!
node 27 checked!...41 matches found!
node 28 checked!...38 matches found!
node 29 checked!...37 matches found!
node 30 checked!...40 matches found!

Voting array
--------------
[32 35 35 40 37 35 37 38 31 34 33 33 36 32 31 33 35 42 33 32 38 34 38 36 37
 39 41 38 37 40]

Putative nodes
------------
[26 30 27  4 18]

Best matching node from voting array
----------------------------------------
18

Presence of query node in putative nodes
----------------------------------------
Absent


Node 10 -> query image 21
------------------------

95 features detected!

Checking for matches...

node 1 checked!...30 matches found!
node 2 checked!...33 matches found!
node 3 checked!...33 matches found!
node 4 checked!...41 matches found!
node 5 checked!...34 matches found!
node 6 checked!...33 matches found!
node 7 checked!...36 matches found!
node 8 checked!...35 matches found!
node 9 checked!...36 matches found!
node 10 checked!...43 matches found!
node 11 checked!...39 matches found!
node 12 checked!...33 matches found!
node 13 checked!...39 matches found!
node 14 checked!...34 matches found!
node 15 checked!...32 matches found!
node 16 checked!...37 matches found!
node 17 checked!...41 matches found!
node 18 checked!...34 matches found!
node 19 checked!...31 matches found!
node 20 checked!...36 matches found!
```

```
node 21 checked!...37 matches found!
node 22 checked!...37 matches found!
node 23 checked!...40 matches found!
node 24 checked!...38 matches found!
node 25 checked!...36 matches found!
node 26 checked!...38 matches found!
node 27 checked!...42 matches found!
node 28 checked!...38 matches found!
node 29 checked!...34 matches found!
node 30 checked!...40 matches found!

Voting array
--------------
[30 33 33 41 34 33 36 35 36 43 39 33 39 34 32 37 41 34 31 36 37 37 40 38 36
 38 42 38 34 40]

Putative nodes
------------
[30  4 27 10 17]

Best matching node from voting array
----------------------------------------
10

Presence of query node in putative nodes
----------------------------------------
Present


Node 10 -> query image 22
------------------------

96 features detected!

Checking for matches...

node 1 checked!...29 matches found!
node 2 checked!...30 matches found!
node 3 checked!...31 matches found!
node 4 checked!...36 matches found!
node 5 checked!...36 matches found!
node 6 checked!...31 matches found!
node 7 checked!...34 matches found!
node 8 checked!...34 matches found!
node 9 checked!...26 matches found!
node 10 checked!...44 matches found!
node 11 checked!...34 matches found!
node 12 checked!...38 matches found!
node 13 checked!...37 matches found!
node 14 checked!...32 matches found!
node 15 checked!...38 matches found!
node 16 checked!...33 matches found!
node 17 checked!...31 matches found!
node 18 checked!...37 matches found!
node 19 checked!...29 matches found!
node 20 checked!...34 matches found!
node 21 checked!...36 matches found!
node 22 checked!...33 matches found!
node 23 checked!...41 matches found!
node 24 checked!...32 matches found!
node 25 checked!...33 matches found!
node 26 checked!...35 matches found!
```

```
node 27 checked!...33 matches found!
node 28 checked!...36 matches found!
node 29 checked!...30 matches found!
node 30 checked!...34 matches found!

Voting array
--------------
[29 30 31 36 36 31 34 34 26 44 34 38 37 32 38 33 31 37 29 34 36 33 41 32 33
 35 33 36 30 34]

Putative nodes
------------
[13 15 10 12 23]

Best matching node from voting array
----------------------------------------
10

Presence of query node in putative nodes
----------------------------------------
Present


Node 10 -> query image 23
-----------------------

72 features detected!

Checking for matches...

node 1 checked!...28 matches found!
node 2 checked!...27 matches found!
node 3 checked!...30 matches found!
node 4 checked!...34 matches found!
node 5 checked!...36 matches found!
node 6 checked!...30 matches found!
node 7 checked!...33 matches found!
node 8 checked!...31 matches found!
node 9 checked!...28 matches found!
node 10 checked!...33 matches found!
node 11 checked!...33 matches found!
node 12 checked!...30 matches found!
node 13 checked!...31 matches found!
node 14 checked!...27 matches found!
node 15 checked!...31 matches found!
node 16 checked!...35 matches found!
node 17 checked!...31 matches found!
node 18 checked!...36 matches found!
node 19 checked!...32 matches found!
node 20 checked!...31 matches found!
node 21 checked!...30 matches found!
node 22 checked!...35 matches found!
node 23 checked!...35 matches found!
node 24 checked!...31 matches found!
node 25 checked!...31 matches found!
node 26 checked!...31 matches found!
node 27 checked!...35 matches found!
node 28 checked!...33 matches found!
node 29 checked!...29 matches found!
node 30 checked!...35 matches found!

Voting array
```

```
--------------
[28 27 30 34 36 30 33 31 28 33 33 30 31 27 31 35 31 36 32 31 30 35 35 31 31
 31 35 33 29 35]
```

Putative nodes

```
[16  5 22 18 30]
```

Best matching node from voting array

5

Presence of query node in putative nodes

Absent

Node 10 -> query image 24
----

98 features detected!

Checking for matches...

```
node 1 checked!...34 matches found!
node 2 checked!...39 matches found!
node 3 checked!...36 matches found!
node 4 checked!...46 matches found!
node 5 checked!...34 matches found!
node 6 checked!...34 matches found!
node 7 checked!...31 matches found!
node 8 checked!...37 matches found!
node 9 checked!...33 matches found!
node 10 checked!...39 matches found!
node 11 checked!...44 matches found!
node 12 checked!...34 matches found!
node 13 checked!...40 matches found!
node 14 checked!...36 matches found!
node 15 checked!...34 matches found!
node 16 checked!...33 matches found!
node 17 checked!...44 matches found!
node 18 checked!...36 matches found!
node 19 checked!...35 matches found!
node 20 checked!...41 matches found!
node 21 checked!...39 matches found!
node 22 checked!...39 matches found!
node 23 checked!...37 matches found!
node 24 checked!...43 matches found!
node 25 checked!...35 matches found!
node 26 checked!...38 matches found!
node 27 checked!...43 matches found!
node 28 checked!...40 matches found!
node 29 checked!...34 matches found!
node 30 checked!...41 matches found!
```

Voting array

```
[34 39 36 46 34 34 31 37 33 39 44 34 40 36 34 33 44 36 35 41 39 39 37 43 35
 38 43 40 34 41]
```

Putative nodes

[27 24 11 4 17]

Best matching node from voting array

4

Presence of query node in putative nodes

Absent

Node 10 -> query image 25
----

97 features detected!

Checking for matches...

node 1 checked!...34 matches found!
node 2 checked!...35 matches found!
node 3 checked!...37 matches found!
node 4 checked!...36 matches found!
node 5 checked!...31 matches found!
node 6 checked!...35 matches found!
node 7 checked!...34 matches found!
node 8 checked!...36 matches found!
node 9 checked!...30 matches found!
node 10 checked!...46 matches found!
node 11 checked!...35 matches found!
node 12 checked!...34 matches found!
node 13 checked!...37 matches found!
node 14 checked!...33 matches found!
node 15 checked!...32 matches found!
node 16 checked!...34 matches found!
node 17 checked!...31 matches found!
node 18 checked!...34 matches found!
node 19 checked!...27 matches found!
node 20 checked!...38 matches found!
node 21 checked!...34 matches found!
node 22 checked!...33 matches found!
node 23 checked!...41 matches found!
node 24 checked!...33 matches found!
node 25 checked!...35 matches found!
node 26 checked!...29 matches found!
node 27 checked!...35 matches found!
node 28 checked!...39 matches found!
node 29 checked!...29 matches found!
node 30 checked!...33 matches found!

Voting array

[34 35 37 36 31 35 34 36 30 46 35 34 37 33 32 34 31 34 27 38 34 33 41 33 35
 29 35 39 29 33]

Putative nodes

[13 20 28 23 10]

Best matching node from voting array

10

Presence of query node in putative nodes

Present

Node 10 -> query image 26
----

100 features detected!

Checking for matches...

node 1 checked!...33 matches found!
node 2 checked!...34 matches found!
node 3 checked!...36 matches found!
node 4 checked!...38 matches found!
node 5 checked!...41 matches found!
node 6 checked!...35 matches found!
node 7 checked!...35 matches found!
node 8 checked!...36 matches found!
node 9 checked!...33 matches found!
node 10 checked!...47 matches found!
node 11 checked!...37 matches found!
node 12 checked!...38 matches found!
node 13 checked!...37 matches found!
node 14 checked!...36 matches found!
node 15 checked!...35 matches found!
node 16 checked!...34 matches found!
node 17 checked!...32 matches found!
node 18 checked!...34 matches found!
node 19 checked!...33 matches found!
node 20 checked!...34 matches found!
node 21 checked!...35 matches found!
node 22 checked!...36 matches found!
node 23 checked!...39 matches found!
node 24 checked!...34 matches found!
node 25 checked!...32 matches found!
node 26 checked!...35 matches found!
node 27 checked!...33 matches found!
node 28 checked!...36 matches found!
node 29 checked!...29 matches found!
node 30 checked!...34 matches found!

Voting array

[33 34 36 38 41 35 35 36 33 47 37 38 37 36 35 34 32 34 33 34 35 36 39 34 32
 35 33 36 29 34]

Putative nodes

[4 12 23 5 10]

Best matching node from voting array

10

Presence of query node in putative nodes

Present

Node 10 -> query image 27

----

84 features detected!

Checking for matches...

node 1 checked!...34 matches found!
node 2 checked!...33 matches found!
node 3 checked!...35 matches found!
node 4 checked!...41 matches found!
node 5 checked!...36 matches found!
node 6 checked!...35 matches found!
node 7 checked!...32 matches found!
node 8 checked!...36 matches found!
node 9 checked!...32 matches found!
node 10 checked!...36 matches found!
node 11 checked!...35 matches found!
node 12 checked!...37 matches found!
node 13 checked!...37 matches found!
node 14 checked!...34 matches found!
node 15 checked!...37 matches found!
node 16 checked!...37 matches found!
node 17 checked!...40 matches found!
node 18 checked!...35 matches found!
node 19 checked!...34 matches found!
node 20 checked!...34 matches found!
node 21 checked!...34 matches found!
node 22 checked!...36 matches found!
node 23 checked!...39 matches found!
node 24 checked!...34 matches found!
node 25 checked!...35 matches found!
node 26 checked!...39 matches found!
node 27 checked!...39 matches found!
node 28 checked!...39 matches found!
node 29 checked!...31 matches found!
node 30 checked!...40 matches found!

Voting array

[34 33 35 41 36 35 32 36 32 36 35 37 37 34 37 37 40 35 34 34 34 36 39 34 35
 39 39 39 31 40]

Putative nodes

[23 27 17 4 30]

Best matching node from voting array

4

Presence of query node in putative nodes

Absent

Node 10 -> query image 28
----

95 features detected!

Checking for matches...

node 1 checked!...33 matches found!
node 2 checked!...37 matches found!
node 3 checked!...37 matches found!
node 4 checked!...39 matches found!
node 5 checked!...39 matches found!
node 6 checked!...33 matches found!
node 7 checked!...37 matches found!
node 8 checked!...40 matches found!
node 9 checked!...32 matches found!
node 10 checked!...38 matches found!
node 11 checked!...35 matches found!
node 12 checked!...34 matches found!
node 13 checked!...36 matches found!
node 14 checked!...33 matches found!
node 15 checked!...35 matches found!
node 16 checked!...39 matches found!
node 17 checked!...36 matches found!
node 18 checked!...35 matches found!
node 19 checked!...38 matches found!
node 20 checked!...33 matches found!
node 21 checked!...39 matches found!
node 22 checked!...35 matches found!
node 23 checked!...41 matches found!
node 24 checked!...40 matches found!
node 25 checked!...43 matches found!
node 26 checked!...37 matches found!
node 27 checked!...36 matches found!
node 28 checked!...40 matches found!
node 29 checked!...40 matches found!
node 30 checked!...42 matches found!

Voting array

[33 37 37 39 39 33 37 40 32 38 35 34 36 33 35 39 36 35 38 33 39 35 41 40 43
 37 36 40 40 42]

Putative nodes

[8 23 25 24 30]

Best matching node from voting array

25

Presence of query node in putative nodes

Absent

Node 10 -> query image 29
----

95 features detected!

Checking for matches...

node 1 checked!...34 matches found!
node 2 checked!...37 matches found!
node 3 checked!...36 matches found!
node 4 checked!...41 matches found!
node 5 checked!...39 matches found!
node 6 checked!...35 matches found!

```
node 7 checked!...37 matches found!
node 8 checked!...40 matches found!
node 9 checked!...32 matches found!
node 10 checked!...39 matches found!
node 11 checked!...36 matches found!
node 12 checked!...33 matches found!
node 13 checked!...38 matches found!
node 14 checked!...34 matches found!
node 15 checked!...33 matches found!
node 16 checked!...39 matches found!
node 17 checked!...39 matches found!
node 18 checked!...42 matches found!
node 19 checked!...36 matches found!
node 20 checked!...34 matches found!
node 21 checked!...35 matches found!
node 22 checked!...36 matches found!
node 23 checked!...38 matches found!
node 24 checked!...38 matches found!
node 25 checked!...38 matches found!
node 26 checked!...37 matches found!
node 27 checked!...40 matches found!
node 28 checked!...42 matches found!
node 29 checked!...39 matches found!
node 30 checked!...42 matches found!
```

Voting array

[34 37 36 41 39 35 37 40 32 39 36 33 38 34 33 39 39 42 36 34 35 36 38 38 38
 37 40 42 39 42]

Putative nodes

[8 4 18 28 30]

Best matching node from voting array

18

Presence of query node in putative nodes

Absent

Node 10 -> query image 30
----

85 features detected!

Checking for matches...

```
node 1 checked!...30 matches found!
node 2 checked!...31 matches found!
node 3 checked!...32 matches found!
node 4 checked!...41 matches found!
node 5 checked!...35 matches found!
node 6 checked!...34 matches found!
node 7 checked!...37 matches found!
node 8 checked!...38 matches found!
node 9 checked!...33 matches found!
node 10 checked!...46 matches found!
node 11 checked!...40 matches found!
node 12 checked!...38 matches found!
```

```
node 13 checked!...39 matches found!
node 14 checked!...33 matches found!
node 15 checked!...34 matches found!
node 16 checked!...39 matches found!
node 17 checked!...38 matches found!
node 18 checked!...37 matches found!
node 19 checked!...32 matches found!
node 20 checked!...35 matches found!
node 21 checked!...37 matches found!
node 22 checked!...37 matches found!
node 23 checked!...38 matches found!
node 24 checked!...30 matches found!
node 25 checked!...37 matches found!
node 26 checked!...37 matches found!
node 27 checked!...37 matches found!
node 28 checked!...37 matches found!
node 29 checked!...33 matches found!
node 30 checked!...35 matches found!


Voting array
--------------
[30 31 32 41 35 34 37 38 33 46 40 38 39 33 34 39 38 37 32 35 37 37 38 30 37
 37 37 37 33 35]

Putative nodes
------------
[16 13 11  4 10]

Best matching node from voting array
----------------------------------------
10

Presence of query node in putative nodes
----------------------------------------
Present


Node 10 -> query image 31
------------------------

95 features detected!

Checking for matches...

node 1 checked!...29 matches found!
node 2 checked!...30 matches found!
node 3 checked!...31 matches found!
node 4 checked!...35 matches found!
node 5 checked!...33 matches found!
node 6 checked!...33 matches found!
node 7 checked!...34 matches found!
node 8 checked!...34 matches found!
node 9 checked!...29 matches found!
node 10 checked!...45 matches found!
node 11 checked!...33 matches found!
node 12 checked!...36 matches found!
node 13 checked!...37 matches found!
node 14 checked!...35 matches found!
node 15 checked!...31 matches found!
node 16 checked!...34 matches found!
node 17 checked!...28 matches found!
node 18 checked!...32 matches found!
```

```
node 19 checked!...30 matches found!
node 20 checked!...32 matches found!
node 21 checked!...34 matches found!
node 22 checked!...32 matches found!
node 23 checked!...37 matches found!
node 24 checked!...29 matches found!
node 25 checked!...32 matches found!
node 26 checked!...31 matches found!
node 27 checked!...32 matches found!
node 28 checked!...34 matches found!
node 29 checked!...26 matches found!
node 30 checked!...33 matches found!
```

Voting array

[29 30 31 35 33 33 34 34 29 45 33 36 37 35 31 34 28 32 30 32 34 32 37 29 32
 31 32 34 26 33]

Putative nodes

[4 12 23 13 10]

Best matching node from voting array

10

Presence of query node in putative nodes

Present

Node 10 -> query image 32
----

88 features detected!

Checking for matches...

```
node 1 checked!...35 matches found!
node 2 checked!...33 matches found!
node 3 checked!...37 matches found!
node 4 checked!...40 matches found!
node 5 checked!...45 matches found!
node 6 checked!...33 matches found!
node 7 checked!...34 matches found!
node 8 checked!...34 matches found!
node 9 checked!...38 matches found!
node 10 checked!...47 matches found!
node 11 checked!...36 matches found!
node 12 checked!...38 matches found!
node 13 checked!...41 matches found!
node 14 checked!...33 matches found!
node 15 checked!...34 matches found!
node 16 checked!...34 matches found!
node 17 checked!...35 matches found!
node 18 checked!...31 matches found!
node 19 checked!...35 matches found!
node 20 checked!...34 matches found!
node 21 checked!...34 matches found!
node 22 checked!...32 matches found!
node 23 checked!...42 matches found!
node 24 checked!...37 matches found!
```

```
node 25 checked!...35 matches found!
node 26 checked!...34 matches found!
node 27 checked!...43 matches found!
node 28 checked!...39 matches found!
node 29 checked!...35 matches found!
node 30 checked!...38 matches found!

Voting array
--------------
[35 33 37 40 45 33 34 34 38 47 36 38 41 33 34 34 35 31 35 34 34 32 42 37 35
 34 43 39 35 38]

Putative nodes
------------
[13 27  5 10 23]

Best matching node from voting array
----------------------------------------
10

Presence of query node in putative nodes
----------------------------------------
Present


Node 10 -> query image 33
-----------------------

93 features detected!

Checking for matches...

node 1 checked!...34 matches found!
node 2 checked!...38 matches found!
node 3 checked!...32 matches found!
node 4 checked!...34 matches found!
node 5 checked!...39 matches found!
node 6 checked!...32 matches found!
node 7 checked!...37 matches found!
node 8 checked!...36 matches found!
node 9 checked!...31 matches found!
node 10 checked!...37 matches found!
node 11 checked!...36 matches found!
node 12 checked!...33 matches found!
node 13 checked!...35 matches found!
node 14 checked!...34 matches found!
node 15 checked!...36 matches found!
node 16 checked!...37 matches found!
node 17 checked!...34 matches found!
node 18 checked!...36 matches found!
node 19 checked!...35 matches found!
node 20 checked!...34 matches found!
node 21 checked!...41 matches found!
node 22 checked!...34 matches found!
node 23 checked!...40 matches found!
node 24 checked!...41 matches found!
node 25 checked!...40 matches found!
node 26 checked!...35 matches found!
node 27 checked!...38 matches found!
node 28 checked!...40 matches found!
node 29 checked!...39 matches found!
node 30 checked!...39 matches found!
```

Voting array

[34 38 32 34 39 32 37 36 31 37 36 33 35 34 36 37 34 36 35 34 41 34 40 41 40
 35 38 40 39 39]

Putative nodes

[28 25 24 21 23]

Best matching node from voting array

21

Presence of query node in putative nodes

Absent

Node 10 -> query image 34
----

28 features detected!

Checking for matches...

node 1 checked!...20 matches found!
node 2 checked!...18 matches found!
node 3 checked!...15 matches found!
node 4 checked!...18 matches found!
node 5 checked!...20 matches found!
node 6 checked!...13 matches found!
node 7 checked!...15 matches found!
node 8 checked!...16 matches found!
node 9 checked!...17 matches found!
node 10 checked!...18 matches found!
node 11 checked!...15 matches found!
node 12 checked!...16 matches found!
node 13 checked!...15 matches found!
node 14 checked!...15 matches found!
node 15 checked!...14 matches found!
node 16 checked!...19 matches found!
node 17 checked!...19 matches found!
node 18 checked!...18 matches found!
node 19 checked!...17 matches found!
node 20 checked!...14 matches found!
node 21 checked!...19 matches found!
node 22 checked!...14 matches found!
node 23 checked!...17 matches found!
node 24 checked!...16 matches found!
node 25 checked!...18 matches found!
node 26 checked!...19 matches found!
node 27 checked!...19 matches found!
node 28 checked!...20 matches found!
node 29 checked!...20 matches found!
node 30 checked!...21 matches found!

Voting array

[20 18 15 18 20 13 15 16 17 18 15 16 15 15 14 19 19 18 17 14 19 14 17 16 18
 19 19 20 20 21]

Putative nodes

[29 1 28 5 30]

Best matching node from voting array

30

Presence of query node in putative nodes

Absent

Node 10 -> query image 35
----

0 features detected!

Checking for matches...

node 1 checked!...0 matches found!
node 2 checked!...0 matches found!
node 3 checked!...0 matches found!
node 4 checked!...0 matches found!
node 5 checked!...0 matches found!
node 6 checked!...0 matches found!
node 7 checked!...0 matches found!
node 8 checked!...0 matches found!
node 9 checked!...0 matches found!
node 10 checked!...0 matches found!
node 11 checked!...0 matches found!
node 12 checked!...0 matches found!
node 13 checked!...0 matches found!
node 14 checked!...0 matches found!
node 15 checked!...0 matches found!
node 16 checked!...0 matches found!
node 17 checked!...0 matches found!
node 18 checked!...0 matches found!
node 19 checked!...0 matches found!
node 20 checked!...0 matches found!
node 21 checked!...0 matches found!
node 22 checked!...0 matches found!
node 23 checked!...0 matches found!
node 24 checked!...0 matches found!
node 25 checked!...0 matches found!
node 26 checked!...0 matches found!
node 27 checked!...0 matches found!
node 28 checked!...0 matches found!
node 29 checked!...0 matches found!
node 30 checked!...0 matches found!

Voting array

[0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0]

Unable to predict a matching node and putative nodes!

Node 10 -> query image 36
----

72 features detected!

Checking for matches...

node 1 checked!...27 matches found!
node 2 checked!...32 matches found!
node 3 checked!...36 matches found!
node 4 checked!...33 matches found!
node 5 checked!...35 matches found!
node 6 checked!...27 matches found!
node 7 checked!...26 matches found!
node 8 checked!...33 matches found!
node 9 checked!...29 matches found!
node 10 checked!...34 matches found!
node 11 checked!...23 matches found!
node 12 checked!...32 matches found!
node 13 checked!...28 matches found!
node 14 checked!...25 matches found!
node 15 checked!...32 matches found!
node 16 checked!...28 matches found!
node 17 checked!...30 matches found!
node 18 checked!...29 matches found!
node 19 checked!...28 matches found!
node 20 checked!...26 matches found!
node 21 checked!...29 matches found!
node 22 checked!...20 matches found!
node 23 checked!...29 matches found!
node 24 checked!...26 matches found!
node 25 checked!...31 matches found!
node 26 checked!...26 matches found!
node 27 checked!...33 matches found!
node 28 checked!...35 matches found!
node 29 checked!...26 matches found!
node 30 checked!...30 matches found!

Voting array

[27 32 36 33 35 27 26 33 29 34 23 32 28 25 32 28 30 29 28 26 29 20 29 26 31
 26 33 35 26 30]

Putative nodes

[8 10 28 3 5]

Best matching node from voting array

3

Presence of query node in putative nodes

Present

Node 10 -> query image 37
----

86 features detected!

Checking for matches...

node 1 checked!...35 matches found!
node 2 checked!...41 matches found!
node 3 checked!...39 matches found!
node 4 checked!...45 matches found!

```
node 5 checked!...40 matches found!
node 6 checked!...35 matches found!
node 7 checked!...36 matches found!
node 8 checked!...45 matches found!
node 9 checked!...33 matches found!
node 10 checked!...40 matches found!
node 11 checked!...37 matches found!
node 12 checked!...39 matches found!
node 13 checked!...40 matches found!
node 14 checked!...36 matches found!
node 15 checked!...35 matches found!
node 16 checked!...39 matches found!
node 17 checked!...43 matches found!
node 18 checked!...37 matches found!
node 19 checked!...32 matches found!
node 20 checked!...41 matches found!
node 21 checked!...40 matches found!
node 22 checked!...34 matches found!
node 23 checked!...40 matches found!
node 24 checked!...38 matches found!
node 25 checked!...36 matches found!
node 26 checked!...42 matches found!
node 27 checked!...39 matches found!
node 28 checked!...39 matches found!
node 29 checked!...36 matches found!
node 30 checked!...45 matches found!
```

```
Voting array
--------------
[35 41 39 45 40 35 36 45 33 40 37 39 40 36 35 39 43 37 32 41 40 34 40 38 36
 42 39 39 36 45]
```

```
Putative nodes
------------
[26  8 17  4 30]
```

```
Best matching node from voting array
----------------------------------------
4
```

```
Presence of query node in putative nodes
----------------------------------------
Absent
```

```
Node 10 -> query image 38
-----------------------

3 features detected!

Checking for matches...

node 1 checked!...3 matches found!
node 2 checked!...3 matches found!
node 3 checked!...3 matches found!
node 4 checked!...3 matches found!
node 5 checked!...3 matches found!
node 6 checked!...3 matches found!
node 7 checked!...3 matches found!
node 8 checked!...3 matches found!
node 9 checked!...3 matches found!
node 10 checked!...3 matches found!
```

```
node 11 checked!...3 matches found!
node 12 checked!...3 matches found!
node 13 checked!...3 matches found!
node 14 checked!...3 matches found!
node 15 checked!...3 matches found!
node 16 checked!...3 matches found!
node 17 checked!...3 matches found!
node 18 checked!...3 matches found!
node 19 checked!...3 matches found!
node 20 checked!...3 matches found!
node 21 checked!...3 matches found!
node 22 checked!...3 matches found!
node 23 checked!...3 matches found!
node 24 checked!...3 matches found!
node 25 checked!...3 matches found!
node 26 checked!...3 matches found!
node 27 checked!...3 matches found!
node 28 checked!...3 matches found!
node 29 checked!...3 matches found!
node 30 checked!...3 matches found!
```

Voting array

[3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3]

Putative nodes

[11 14 12 10 30]

Best matching node from voting array

1

Presence of query node in putative nodes

Present

Node 10 -> query image 39
----

56 features detected!

Checking for matches...

```
node 1 checked!...27 matches found!
node 2 checked!...28 matches found!
node 3 checked!...29 matches found!
node 4 checked!...29 matches found!
node 5 checked!...27 matches found!
node 6 checked!...30 matches found!
node 7 checked!...28 matches found!
node 8 checked!...30 matches found!
node 9 checked!...26 matches found!
node 10 checked!...32 matches found!
node 11 checked!...32 matches found!
node 12 checked!...26 matches found!
node 13 checked!...30 matches found!
node 14 checked!...29 matches found!
node 15 checked!...26 matches found!
node 16 checked!...27 matches found!
node 17 checked!...33 matches found!
```

```
node 18 checked!...26 matches found!
node 19 checked!...29 matches found!
node 20 checked!...29 matches found!
node 21 checked!...35 matches found!
node 22 checked!...25 matches found!
node 23 checked!...32 matches found!
node 24 checked!...33 matches found!
node 25 checked!...30 matches found!
node 26 checked!...34 matches found!
node 27 checked!...30 matches found!
node 28 checked!...33 matches found!
node 29 checked!...30 matches found!
node 30 checked!...30 matches found!

Voting array
--------------
[27 28 29 29 27 30 28 30 26 32 32 26 30 29 26 27 33 26 29 29 35 25 32 33 30
 34 30 33 30 30]

Putative nodes
-------------
[28 17 24 21 26]

Best matching node from voting array
----------------------------------------
21

Presence of query node in putative nodes
----------------------------------------
Absent


Node 10 -> query image 40
------------------------

67 features detected!

Checking for matches...

node 1 checked!...31 matches found!
node 2 checked!...31 matches found!
node 3 checked!...32 matches found!
node 4 checked!...33 matches found!
node 5 checked!...29 matches found!
node 6 checked!...25 matches found!
node 7 checked!...27 matches found!
node 8 checked!...30 matches found!
node 9 checked!...28 matches found!
node 10 checked!...30 matches found!
node 11 checked!...32 matches found!
node 12 checked!...29 matches found!
node 13 checked!...32 matches found!
node 14 checked!...30 matches found!
node 15 checked!...29 matches found!
node 16 checked!...30 matches found!
node 17 checked!...30 matches found!
node 18 checked!...28 matches found!
node 19 checked!...28 matches found!
node 20 checked!...28 matches found!
node 21 checked!...34 matches found!
node 22 checked!...23 matches found!
node 23 checked!...35 matches found!
```

```
node 24 checked!...32 matches found!
node 25 checked!...32 matches found!
node 26 checked!...28 matches found!
node 27 checked!...33 matches found!
node 28 checked!...33 matches found!
node 29 checked!...32 matches found!
node 30 checked!...29 matches found!

Voting array
--------------
[31 31 32 33 29 25 27 30 28 30 32 29 32 30 29 30 30 28 28 28 34 23 35 32 32
 28 33 33 32 29]

Putative nodes
------------
[27  4 28 21 23]

Best matching node from voting array
----------------------------------------
23

Presence of query node in putative nodes
----------------------------------------
Absent


 Node 10 testing completed!


Node 11 -> query image 1
------------------------

0 features detected!

Checking for matches...

node 1 checked!...0 matches found!
node 2 checked!...0 matches found!
node 3 checked!...0 matches found!
node 4 checked!...0 matches found!
node 5 checked!...0 matches found!
node 6 checked!...0 matches found!
node 7 checked!...0 matches found!
node 8 checked!...0 matches found!
node 9 checked!...0 matches found!
node 10 checked!...0 matches found!
node 11 checked!...0 matches found!
node 12 checked!...0 matches found!
node 13 checked!...0 matches found!
node 14 checked!...0 matches found!
node 15 checked!...0 matches found!
node 16 checked!...0 matches found!
node 17 checked!...0 matches found!
node 18 checked!...0 matches found!
node 19 checked!...0 matches found!
node 20 checked!...0 matches found!
node 21 checked!...0 matches found!
node 22 checked!...0 matches found!
node 23 checked!...0 matches found!
node 24 checked!...0 matches found!
node 25 checked!...0 matches found!
node 26 checked!...0 matches found!
```

```
node 27 checked!...0 matches found!
node 28 checked!...0 matches found!
node 29 checked!...0 matches found!
node 30 checked!...0 matches found!

Voting array
--------------
[0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0]

Unable to predict a matching node and putative nodes!

Node 11 -> query image 2
------------------------

40 features detected!

Checking for matches...

node 1 checked!...22 matches found!
node 2 checked!...20 matches found!
node 3 checked!...23 matches found!
node 4 checked!...22 matches found!
node 5 checked!...23 matches found!
node 6 checked!...13 matches found!
node 7 checked!...19 matches found!
node 8 checked!...22 matches found!
node 9 checked!...18 matches found!
node 10 checked!...26 matches found!
node 11 checked!...23 matches found!
node 12 checked!...20 matches found!
node 13 checked!...21 matches found!
node 14 checked!...23 matches found!
node 15 checked!...19 matches found!
node 16 checked!...23 matches found!
node 17 checked!...23 matches found!
node 18 checked!...21 matches found!
node 19 checked!...22 matches found!
node 20 checked!...22 matches found!
node 21 checked!...26 matches found!
node 22 checked!...20 matches found!
node 23 checked!...28 matches found!
node 24 checked!...22 matches found!
node 25 checked!...19 matches found!
node 26 checked!...26 matches found!
node 27 checked!...20 matches found!
node 28 checked!...21 matches found!
node 29 checked!...21 matches found!
node 30 checked!...21 matches found!

Voting array
--------------
[22 20 23 22 23 13 19 22 18 26 23 20 21 23 19 23 23 21 22 22 26 20 28 22 19
 26 20 21 21 21]

Putative nodes
------------
[16 10 21 26 23]

Best matching node from voting array
-------------------------------------
23
```

Presence of query node in putative nodes

Absent

Node 11 -> query image 3
----

49 features detected!

Checking for matches...

node 1 checked!...27 matches found!
node 2 checked!...28 matches found!
node 3 checked!...25 matches found!
node 4 checked!...28 matches found!
node 5 checked!...30 matches found!
node 6 checked!...20 matches found!
node 7 checked!...21 matches found!
node 8 checked!...28 matches found!
node 9 checked!...20 matches found!
node 10 checked!...25 matches found!
node 11 checked!...30 matches found!
node 12 checked!...24 matches found!
node 13 checked!...27 matches found!
node 14 checked!...23 matches found!
node 15 checked!...26 matches found!
node 16 checked!...29 matches found!
node 17 checked!...30 matches found!
node 18 checked!...26 matches found!
node 19 checked!...27 matches found!
node 20 checked!...28 matches found!
node 21 checked!...28 matches found!
node 22 checked!...23 matches found!
node 23 checked!...28 matches found!
node 24 checked!...27 matches found!
node 25 checked!...24 matches found!
node 26 checked!...25 matches found!
node 27 checked!...28 matches found!
node 28 checked!...24 matches found!
node 29 checked!...27 matches found!
node 30 checked!...26 matches found!

Voting array

[27 28 25 28 30 20 21 28 20 25 30 24 27 23 26 29 30 26 27 28 28 23 28 27 24
 25 28 24 27 26]

Putative nodes

[23 16 5 17 11]

Best matching node from voting array

5

Presence of query node in putative nodes

Present

Node 11 -> query image 4

----

0 features detected!

Checking for matches...

node 1 checked!...0 matches found!
node 2 checked!...0 matches found!
node 3 checked!...0 matches found!
node 4 checked!...0 matches found!
node 5 checked!...0 matches found!
node 6 checked!...0 matches found!
node 7 checked!...0 matches found!
node 8 checked!...0 matches found!
node 9 checked!...0 matches found!
node 10 checked!...0 matches found!
node 11 checked!...0 matches found!
node 12 checked!...0 matches found!
node 13 checked!...0 matches found!
node 14 checked!...0 matches found!
node 15 checked!...0 matches found!
node 16 checked!...0 matches found!
node 17 checked!...0 matches found!
node 18 checked!...0 matches found!
node 19 checked!...0 matches found!
node 20 checked!...0 matches found!
node 21 checked!...0 matches found!
node 22 checked!...0 matches found!
node 23 checked!...0 matches found!
node 24 checked!...0 matches found!
node 25 checked!...0 matches found!
node 26 checked!...0 matches found!
node 27 checked!...0 matches found!
node 28 checked!...0 matches found!
node 29 checked!...0 matches found!
node 30 checked!...0 matches found!

Voting array

[0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0]

Unable to predict a matching node and putative nodes!

Node 11 -> query image 5
----

56 features detected!

Checking for matches...

node 1 checked!...23 matches found!
node 2 checked!...24 matches found!
node 3 checked!...27 matches found!
node 4 checked!...28 matches found!
node 5 checked!...26 matches found!
node 6 checked!...24 matches found!
node 7 checked!...23 matches found!
node 8 checked!...28 matches found!
node 9 checked!...23 matches found!
node 10 checked!...25 matches found!
node 11 checked!...27 matches found!
node 12 checked!...30 matches found!

```
node 13 checked!...26 matches found!
node 14 checked!...25 matches found!
node 15 checked!...26 matches found!
node 16 checked!...25 matches found!
node 17 checked!...21 matches found!
node 18 checked!...27 matches found!
node 19 checked!...25 matches found!
node 20 checked!...24 matches found!
node 21 checked!...27 matches found!
node 22 checked!...22 matches found!
node 23 checked!...27 matches found!
node 24 checked!...24 matches found!
node 25 checked!...22 matches found!
node 26 checked!...25 matches found!
node 27 checked!...25 matches found!
node 28 checked!...23 matches found!
node 29 checked!...24 matches found!
node 30 checked!...28 matches found!

Voting array
--------------
[23 24 27 28 26 24 23 28 23 25 27 30 26 25 26 25 21 27 25 24 27 22 27 24 22
 25 25 23 24 28]

Putative nodes
------------
[23  4  8 12 30]

Best matching node from voting array
----------------------------------------
12

Presence of query node in putative nodes
----------------------------------------
Absent


Node 11 -> query image 6
------------------------

40 features detected!

Checking for matches...

node 1 checked!...22 matches found!
node 2 checked!...20 matches found!
node 3 checked!...20 matches found!
node 4 checked!...23 matches found!
node 5 checked!...24 matches found!
node 6 checked!...16 matches found!
node 7 checked!...16 matches found!
node 8 checked!...24 matches found!
node 9 checked!...18 matches found!
node 10 checked!...20 matches found!
node 11 checked!...24 matches found!
node 12 checked!...19 matches found!
node 13 checked!...19 matches found!
node 14 checked!...17 matches found!
node 15 checked!...20 matches found!
node 16 checked!...25 matches found!
node 17 checked!...24 matches found!
node 18 checked!...20 matches found!
```

```
node 19 checked!...21 matches found!
node 20 checked!...20 matches found!
node 21 checked!...28 matches found!
node 22 checked!...21 matches found!
node 23 checked!...27 matches found!
node 24 checked!...22 matches found!
node 25 checked!...20 matches found!
node 26 checked!...21 matches found!
node 27 checked!...21 matches found!
node 28 checked!...25 matches found!
node 29 checked!...24 matches found!
node 30 checked!...25 matches found!
```

Voting array

[22 20 20 23 24 16 16 24 18 20 24 19 19 17 20 25 24 20 21 20 28 21 27 22 20
 21 21 25 24 25]

Putative nodes

[30 16 28 23 21]

Best matching node from voting array

21

Presence of query node in putative nodes

Absent

Node 11 -> query image 7
----

25 features detected!

Checking for matches...

```
node 1 checked!...16 matches found!
node 2 checked!...18 matches found!
node 3 checked!...14 matches found!
node 4 checked!...18 matches found!
node 5 checked!...17 matches found!
node 6 checked!...13 matches found!
node 7 checked!...17 matches found!
node 8 checked!...16 matches found!
node 9 checked!...15 matches found!
node 10 checked!...14 matches found!
node 11 checked!...16 matches found!
node 12 checked!...17 matches found!
node 13 checked!...15 matches found!
node 14 checked!...16 matches found!
node 15 checked!...14 matches found!
node 16 checked!...17 matches found!
node 17 checked!...18 matches found!
node 18 checked!...15 matches found!
node 19 checked!...17 matches found!
node 20 checked!...13 matches found!
node 21 checked!...18 matches found!
node 22 checked!...15 matches found!
node 23 checked!...17 matches found!
node 24 checked!...17 matches found!
```

```
node 25 checked!...15 matches found!
node 26 checked!...19 matches found!
node 27 checked!...18 matches found!
node 28 checked!...17 matches found!
node 29 checked!...16 matches found!
node 30 checked!...18 matches found!

Voting array
--------------
[16 18 14 18 17 13 17 16 15 14 16 17 15 16 14 17 18 15 17 13 18 15 17 17 15
 19 18 17 16 18]

Putative nodes
------------
[ 2 27 21 17 26]

Best matching node from voting array
----------------------------------------
26

Presence of query node in putative nodes
----------------------------------------
Absent


Node 11 -> query image 8
------------------------

30 features detected!

Checking for matches...

node 1 checked!...16 matches found!
node 2 checked!...21 matches found!
node 3 checked!...17 matches found!
node 4 checked!...21 matches found!
node 5 checked!...18 matches found!
node 6 checked!...16 matches found!
node 7 checked!...18 matches found!
node 8 checked!...23 matches found!
node 9 checked!...16 matches found!
node 10 checked!...18 matches found!
node 11 checked!...21 matches found!
node 12 checked!...19 matches found!
node 13 checked!...23 matches found!
node 14 checked!...17 matches found!
node 15 checked!...18 matches found!
node 16 checked!...21 matches found!
node 17 checked!...20 matches found!
node 18 checked!...18 matches found!
node 19 checked!...18 matches found!
node 20 checked!...16 matches found!
node 21 checked!...19 matches found!
node 22 checked!...15 matches found!
node 23 checked!...18 matches found!
node 24 checked!...20 matches found!
node 25 checked!...21 matches found!
node 26 checked!...16 matches found!
node 27 checked!...17 matches found!
node 28 checked!...20 matches found!
node 29 checked!...18 matches found!
node 30 checked!...17 matches found!
```

Voting array

[16 21 17 21 18 16 18 23 16 18 21 19 23 17 18 21 20 18 18 16 19 15 18 20 21
 16 17 20 18 17]

Putative nodes

[4 13 16 25 8]

Best matching node from voting array

8

Presence of query node in putative nodes

Absent

Node 11 -> query image 9
----

68 features detected!

Checking for matches...

node 1 checked!...32 matches found!
node 2 checked!...31 matches found!
node 3 checked!...29 matches found!
node 4 checked!...35 matches found!
node 5 checked!...37 matches found!
node 6 checked!...27 matches found!
node 7 checked!...29 matches found!
node 8 checked!...32 matches found!
node 9 checked!...29 matches found!
node 10 checked!...37 matches found!
node 11 checked!...34 matches found!
node 12 checked!...30 matches found!
node 13 checked!...30 matches found!
node 14 checked!...39 matches found!
node 15 checked!...27 matches found!
node 16 checked!...36 matches found!
node 17 checked!...36 matches found!
node 18 checked!...34 matches found!
node 19 checked!...32 matches found!
node 20 checked!...36 matches found!
node 21 checked!...39 matches found!
node 22 checked!...31 matches found!
node 23 checked!...36 matches found!
node 24 checked!...30 matches found!
node 25 checked!...32 matches found!
node 26 checked!...34 matches found!
node 27 checked!...32 matches found!
node 28 checked!...32 matches found!
node 29 checked!...31 matches found!
node 30 checked!...29 matches found!

Voting array

[32 31 29 35 37 27 29 32 29 37 34 30 30 39 27 36 36 34 32 36 39 31 36 30 32
 34 32 32 31 29]

Putative nodes

[17 10 5 14 21]

Best matching node from voting array

14

Presence of query node in putative nodes

Absent

Node 11 -> query image 10
----

82 features detected!

Checking for matches...

node 1 checked!...36 matches found!
node 2 checked!...36 matches found!
node 3 checked!...34 matches found!
node 4 checked!...40 matches found!
node 5 checked!...35 matches found!
node 6 checked!...34 matches found!
node 7 checked!...34 matches found!
node 8 checked!...40 matches found!
node 9 checked!...31 matches found!
node 10 checked!...37 matches found!
node 11 checked!...43 matches found!
node 12 checked!...30 matches found!
node 13 checked!...33 matches found!
node 14 checked!...33 matches found!
node 15 checked!...34 matches found!
node 16 checked!...45 matches found!
node 17 checked!...42 matches found!
node 18 checked!...39 matches found!
node 19 checked!...32 matches found!
node 20 checked!...31 matches found!
node 21 checked!...37 matches found!
node 22 checked!...43 matches found!
node 23 checked!...44 matches found!
node 24 checked!...36 matches found!
node 25 checked!...35 matches found!
node 26 checked!...35 matches found!
node 27 checked!...41 matches found!
node 28 checked!...37 matches found!
node 29 checked!...35 matches found!
node 30 checked!...36 matches found!

Voting array

[36 36 34 40 35 34 34 40 31 37 43 30 33 33 34 45 42 39 32 31 37 43 44 36 35
 35 41 37 35 36]

Putative nodes

[17 11 22 16 23]

Best matching node from voting array

16

Presence of query node in putative nodes

Present

Node 11 -> query image 11
----

91 features detected!

Checking for matches...

node 1 checked!...31 matches found!
node 2 checked!...33 matches found!
node 3 checked!...34 matches found!
node 4 checked!...36 matches found!
node 5 checked!...34 matches found!
node 6 checked!...30 matches found!
node 7 checked!...32 matches found!
node 8 checked!...33 matches found!
node 9 checked!...36 matches found!
node 10 checked!...32 matches found!
node 11 checked!...37 matches found!
node 12 checked!...33 matches found!
node 13 checked!...34 matches found!
node 14 checked!...34 matches found!
node 15 checked!...28 matches found!
node 16 checked!...35 matches found!
node 17 checked!...39 matches found!
node 18 checked!...35 matches found!
node 19 checked!...34 matches found!
node 20 checked!...33 matches found!
node 21 checked!...37 matches found!
node 22 checked!...34 matches found!
node 23 checked!...43 matches found!
node 24 checked!...39 matches found!
node 25 checked!...38 matches found!
node 26 checked!...37 matches found!
node 27 checked!...36 matches found!
node 28 checked!...30 matches found!
node 29 checked!...36 matches found!
node 30 checked!...39 matches found!

Voting array

[31 33 34 36 34 30 32 33 36 32 37 33 34 34 28 35 39 35 34 33 37 34 43 39 38
 37 36 30 36 39]

Putative nodes

[25 17 24 23 30]

Best matching node from voting array

23

Presence of query node in putative nodes

Absent

Node 11 -> query image 12
----

56 features detected!

Checking for matches...

node 1 checked!...25 matches found!
node 2 checked!...24 matches found!
node 3 checked!...25 matches found!
node 4 checked!...31 matches found!
node 5 checked!...29 matches found!
node 6 checked!...26 matches found!
node 7 checked!...21 matches found!
node 8 checked!...24 matches found!
node 9 checked!...26 matches found!
node 10 checked!...28 matches found!
node 11 checked!...27 matches found!
node 12 checked!...23 matches found!
node 13 checked!...25 matches found!
node 14 checked!...23 matches found!
node 15 checked!...23 matches found!
node 16 checked!...27 matches found!
node 17 checked!...31 matches found!
node 18 checked!...23 matches found!
node 19 checked!...26 matches found!
node 20 checked!...23 matches found!
node 21 checked!...28 matches found!
node 22 checked!...21 matches found!
node 23 checked!...28 matches found!
node 24 checked!...29 matches found!
node 25 checked!...25 matches found!
node 26 checked!...26 matches found!
node 27 checked!...26 matches found!
node 28 checked!...25 matches found!
node 29 checked!...25 matches found!
node 30 checked!...25 matches found!

Voting array

[25 24 25 31 29 26 21 24 26 28 27 23 25 23 23 27 31 23 26 23 28 21 28 29 25
 26 26 25 25 25]

Putative nodes

[10 5 4 24 17]

Best matching node from voting array

4

Presence of query node in putative nodes

Absent

Node 11 -> query image 13
----

30 features detected!

Checking for matches...

node 1 checked!...19 matches found!
node 2 checked!...21 matches found!
node 3 checked!...18 matches found!
node 4 checked!...19 matches found!
node 5 checked!...18 matches found!
node 6 checked!...16 matches found!
node 7 checked!...20 matches found!
node 8 checked!...20 matches found!
node 9 checked!...16 matches found!
node 10 checked!...20 matches found!
node 11 checked!...23 matches found!
node 12 checked!...18 matches found!
node 13 checked!...19 matches found!
node 14 checked!...16 matches found!
node 15 checked!...20 matches found!
node 16 checked!...21 matches found!
node 17 checked!...20 matches found!
node 18 checked!...21 matches found!
node 19 checked!...19 matches found!
node 20 checked!...16 matches found!
node 21 checked!...18 matches found!
node 22 checked!...15 matches found!
node 23 checked!...18 matches found!
node 24 checked!...16 matches found!
node 25 checked!...17 matches found!
node 26 checked!...18 matches found!
node 27 checked!...17 matches found!
node 28 checked!...20 matches found!
node 29 checked!...17 matches found!
node 30 checked!...19 matches found!

Voting array

[19 21 18 19 18 16 20 20 16 20 23 18 19 16 20 21 20 21 19 16 18 15 18 16 17
 18 17 20 17 19]

Putative nodes

[8 18 2 16 11]

Best matching node from voting array

11

Presence of query node in putative nodes

Present

Node 11 -> query image 14
----

65 features detected!

Checking for matches...

node 1 checked!...31 matches found!
node 2 checked!...29 matches found!
node 3 checked!...29 matches found!
node 4 checked!...34 matches found!

```
node 5 checked!...35 matches found!
node 6 checked!...24 matches found!
node 7 checked!...30 matches found!
node 8 checked!...31 matches found!
node 9 checked!...26 matches found!
node 10 checked!...28 matches found!
node 11 checked!...29 matches found!
node 12 checked!...25 matches found!
node 13 checked!...30 matches found!
node 14 checked!...33 matches found!
node 15 checked!...28 matches found!
node 16 checked!...32 matches found!
node 17 checked!...35 matches found!
node 18 checked!...28 matches found!
node 19 checked!...30 matches found!
node 20 checked!...30 matches found!
node 21 checked!...30 matches found!
node 22 checked!...25 matches found!
node 23 checked!...36 matches found!
node 24 checked!...35 matches found!
node 25 checked!...35 matches found!
node 26 checked!...34 matches found!
node 27 checked!...28 matches found!
node 28 checked!...31 matches found!
node 29 checked!...31 matches found!
node 30 checked!...30 matches found!
```

Voting array

[31 29 29 34 35 24 30 31 26 28 29 25 30 33 28 32 35 28 30 30 30 25 36 35 35
 34 28 31 31 30]

Putative nodes

[5 17 24 25 23]

Best matching node from voting array

23

Presence of query node in putative nodes

Absent

Node 11 -> query image 15
----

95 features detected!

Checking for matches...

```
node 1 checked!...37 matches found!
node 2 checked!...34 matches found!
node 3 checked!...37 matches found!
node 4 checked!...45 matches found!
node 5 checked!...38 matches found!
node 6 checked!...41 matches found!
node 7 checked!...38 matches found!
node 8 checked!...40 matches found!
node 9 checked!...35 matches found!
node 10 checked!...40 matches found!
```

```
node 11 checked!...44 matches found!
node 12 checked!...36 matches found!
node 13 checked!...35 matches found!
node 14 checked!...32 matches found!
node 15 checked!...36 matches found!
node 16 checked!...41 matches found!
node 17 checked!...40 matches found!
node 18 checked!...43 matches found!
node 19 checked!...42 matches found!
node 20 checked!...37 matches found!
node 21 checked!...39 matches found!
node 22 checked!...38 matches found!
node 23 checked!...49 matches found!
node 24 checked!...39 matches found!
node 25 checked!...37 matches found!
node 26 checked!...37 matches found!
node 27 checked!...44 matches found!
node 28 checked!...43 matches found!
node 29 checked!...35 matches found!
node 30 checked!...34 matches found!
```

Voting array

[37 34 37 45 38 41 38 40 35 40 44 36 35 32 36 41 40 43 42 37 39 38 49 39 37
 37 44 43 35 34]

Putative nodes

[28 11 27 23 4]

Best matching node from voting array

23

Presence of query node in putative nodes

Present

Node 11 -> query image 16
----

77 features detected!

Checking for matches...

```
node 1 checked!...31 matches found!
node 2 checked!...27 matches found!
node 3 checked!...34 matches found!
node 4 checked!...35 matches found!
node 5 checked!...35 matches found!
node 6 checked!...31 matches found!
node 7 checked!...26 matches found!
node 8 checked!...30 matches found!
node 9 checked!...32 matches found!
node 10 checked!...32 matches found!
node 11 checked!...34 matches found!
node 12 checked!...27 matches found!
node 13 checked!...32 matches found!
node 14 checked!...29 matches found!
node 15 checked!...30 matches found!
node 16 checked!...36 matches found!
```

```
node 17 checked!...38 matches found!
node 18 checked!...28 matches found!
node 19 checked!...31 matches found!
node 20 checked!...32 matches found!
node 21 checked!...33 matches found!
node 22 checked!...27 matches found!
node 23 checked!...32 matches found!
node 24 checked!...34 matches found!
node 25 checked!...33 matches found!
node 26 checked!...34 matches found!
node 27 checked!...30 matches found!
node 28 checked!...30 matches found!
node 29 checked!...30 matches found!
node 30 checked!...32 matches found!

Voting array
--------------
[31 27 34 35 35 31 26 30 32 32 34 27 32 29 30 36 38 28 31 32 33 27 32 34 33
 34 30 30 30 32]

Putative nodes
------------
[11  4  5 16 17]

Best matching node from voting array
----------------------------------------
17

Presence of query node in putative nodes
----------------------------------------
Present


Node 11 -> query image 17
-----------------------

74 features detected!

Checking for matches...

node 1 checked!...31 matches found!
node 2 checked!...29 matches found!
node 3 checked!...31 matches found!
node 4 checked!...31 matches found!
node 5 checked!...32 matches found!
node 6 checked!...26 matches found!
node 7 checked!...19 matches found!
node 8 checked!...29 matches found!
node 9 checked!...26 matches found!
node 10 checked!...30 matches found!
node 11 checked!...30 matches found!
node 12 checked!...27 matches found!
node 13 checked!...28 matches found!
node 14 checked!...32 matches found!
node 15 checked!...25 matches found!
node 16 checked!...29 matches found!
node 17 checked!...34 matches found!
node 18 checked!...25 matches found!
node 19 checked!...29 matches found!
node 20 checked!...27 matches found!
node 21 checked!...36 matches found!
node 22 checked!...26 matches found!
```

```
node 23 checked!...31 matches found!
node 24 checked!...26 matches found!
node 25 checked!...26 matches found!
node 26 checked!...28 matches found!
node 27 checked!...29 matches found!
node 28 checked!...30 matches found!
node 29 checked!...25 matches found!
node 30 checked!...26 matches found!

Voting array
--------------
[31 29 31 31 32 26 19 29 26 30 30 27 28 32 25 29 34 25 29 27 36 26 31 26 26
 28 29 30 25 26]

Putative nodes
------------
[ 4  5 14 17 21]

Best matching node from voting array
-----------------------------------------
21

Presence of query node in putative nodes
-----------------------------------------
Absent


Node 11 -> query image 18
------------------------

97 features detected!

Checking for matches...

node 1 checked!...36 matches found!
node 2 checked!...33 matches found!
node 3 checked!...36 matches found!
node 4 checked!...38 matches found!
node 5 checked!...42 matches found!
node 6 checked!...31 matches found!
node 7 checked!...27 matches found!
node 8 checked!...35 matches found!
node 9 checked!...30 matches found!
node 10 checked!...40 matches found!
node 11 checked!...45 matches found!
node 12 checked!...31 matches found!
node 13 checked!...35 matches found!
node 14 checked!...35 matches found!
node 15 checked!...37 matches found!
node 16 checked!...36 matches found!
node 17 checked!...35 matches found!
node 18 checked!...34 matches found!
node 19 checked!...34 matches found!
node 20 checked!...37 matches found!
node 21 checked!...36 matches found!
node 22 checked!...31 matches found!
node 23 checked!...33 matches found!
node 24 checked!...35 matches found!
node 25 checked!...33 matches found!
node 26 checked!...37 matches found!
node 27 checked!...35 matches found!
node 28 checked!...37 matches found!
```

```
node 29 checked!...32 matches found!
node 30 checked!...39 matches found!

Voting array
--------------
[36 33 36 38 42 31 27 35 30 40 45 31 35 35 37 36 35 34 34 37 36 31 33 35 33
 37 35 37 32 39]

Putative nodes
------------
[ 4 30  5 11 10]

Best matching node from voting array
---------------------------------------
11

Presence of query node in putative nodes
---------------------------------------
Present


Node 11 -> query image 19
-----------------------

82 features detected!

Checking for matches...

node 1 checked!...35 matches found!
node 2 checked!...31 matches found!
node 3 checked!...33 matches found!
node 4 checked!...39 matches found!
node 5 checked!...35 matches found!
node 6 checked!...33 matches found!
node 7 checked!...30 matches found!
node 8 checked!...33 matches found!
node 9 checked!...28 matches found!
node 10 checked!...35 matches found!
node 11 checked!...34 matches found!
node 12 checked!...29 matches found!
node 13 checked!...33 matches found!
node 14 checked!...36 matches found!
node 15 checked!...26 matches found!
node 16 checked!...34 matches found!
node 17 checked!...41 matches found!
node 18 checked!...33 matches found!
node 19 checked!...36 matches found!
node 20 checked!...36 matches found!
node 21 checked!...37 matches found!
node 22 checked!...37 matches found!
node 23 checked!...36 matches found!
node 24 checked!...35 matches found!
node 25 checked!...34 matches found!
node 26 checked!...34 matches found!
node 27 checked!...38 matches found!
node 28 checked!...33 matches found!
node 29 checked!...35 matches found!
node 30 checked!...29 matches found!

Voting array
--------------
[35 31 33 39 35 33 30 33 28 35 34 29 33 36 26 34 41 33 36 36 37 37 36 35 34
```

 34 38 33 35 29]

Putative nodes

[21 27 22 4 17]

Best matching node from voting array

17

Presence of query node in putative nodes

Absent

Node 11 -> query image 20
----

91 features detected!

Checking for matches...

node 1 checked!...30 matches found!
node 2 checked!...30 matches found!
node 3 checked!...34 matches found!
node 4 checked!...35 matches found!
node 5 checked!...40 matches found!
node 6 checked!...27 matches found!
node 7 checked!...26 matches found!
node 8 checked!...32 matches found!
node 9 checked!...32 matches found!
node 10 checked!...29 matches found!
node 11 checked!...34 matches found!
node 12 checked!...33 matches found!
node 13 checked!...31 matches found!
node 14 checked!...27 matches found!
node 15 checked!...28 matches found!
node 16 checked!...34 matches found!
node 17 checked!...33 matches found!
node 18 checked!...31 matches found!
node 19 checked!...30 matches found!
node 20 checked!...29 matches found!
node 21 checked!...28 matches found!
node 22 checked!...28 matches found!
node 23 checked!...37 matches found!
node 24 checked!...35 matches found!
node 25 checked!...29 matches found!
node 26 checked!...40 matches found!
node 27 checked!...38 matches found!
node 28 checked!...28 matches found!
node 29 checked!...38 matches found!
node 30 checked!...34 matches found!

Voting array

[30 30 34 35 40 27 26 32 32 29 34 33 31 27 28 34 33 31 30 29 28 28 37 35 29
 40 38 28 38 34]

Putative nodes

[23 27 29 26 5]

Best matching node from voting array

5

Presence of query node in putative nodes

Absent

Node 11 -> query image 21
----

91 features detected!

Checking for matches...

node 1 checked!...33 matches found!
node 2 checked!...31 matches found!
node 3 checked!...34 matches found!
node 4 checked!...33 matches found!
node 5 checked!...44 matches found!
node 6 checked!...31 matches found!
node 7 checked!...25 matches found!
node 8 checked!...29 matches found!
node 9 checked!...31 matches found!
node 10 checked!...34 matches found!
node 11 checked!...31 matches found!
node 12 checked!...29 matches found!
node 13 checked!...33 matches found!
node 14 checked!...34 matches found!
node 15 checked!...31 matches found!
node 16 checked!...35 matches found!
node 17 checked!...37 matches found!
node 18 checked!...28 matches found!
node 19 checked!...30 matches found!
node 20 checked!...31 matches found!
node 21 checked!...39 matches found!
node 22 checked!...29 matches found!
node 23 checked!...39 matches found!
node 24 checked!...36 matches found!
node 25 checked!...33 matches found!
node 26 checked!...36 matches found!
node 27 checked!...34 matches found!
node 28 checked!...31 matches found!
node 29 checked!...30 matches found!
node 30 checked!...36 matches found!

Voting array

[33 31 34 33 44 31 25 29 31 34 31 29 33 34 31 35 37 28 30 31 39 29 39 36 33
 36 34 31 30 36]

Putative nodes

[26 17 5 21 23]

Best matching node from voting array

5

Presence of query node in putative nodes

Absent

Node 11 -> query image 22
----

98 features detected!

Checking for matches...

node 1 checked!...32 matches found!
node 2 checked!...30 matches found!
node 3 checked!...38 matches found!
node 4 checked!...41 matches found!
node 5 checked!...38 matches found!
node 6 checked!...29 matches found!
node 7 checked!...30 matches found!
node 8 checked!...36 matches found!
node 9 checked!...32 matches found!
node 10 checked!...41 matches found!
node 11 checked!...45 matches found!
node 12 checked!...35 matches found!
node 13 checked!...36 matches found!
node 14 checked!...40 matches found!
node 15 checked!...35 matches found!
node 16 checked!...34 matches found!
node 17 checked!...31 matches found!
node 18 checked!...36 matches found!
node 19 checked!...37 matches found!
node 20 checked!...41 matches found!
node 21 checked!...35 matches found!
node 22 checked!...36 matches found!
node 23 checked!...33 matches found!
node 24 checked!...36 matches found!
node 25 checked!...32 matches found!
node 26 checked!...37 matches found!
node 27 checked!...36 matches found!
node 28 checked!...38 matches found!
node 29 checked!...32 matches found!
node 30 checked!...33 matches found!

Voting array

[32 30 38 41 38 29 30 36 32 41 45 35 36 40 35 34 31 36 37 41 35 36 33 36 32
 37 36 38 32 33]

Putative nodes

[14 20 4 10 11]

Best matching node from voting array

11

Presence of query node in putative nodes

Present

Node 11 -> query image 23
----

59 features detected!

Checking for matches...

node 1 checked!...26 matches found!
node 2 checked!...24 matches found!
node 3 checked!...26 matches found!
node 4 checked!...28 matches found!
node 5 checked!...29 matches found!
node 6 checked!...24 matches found!
node 7 checked!...24 matches found!
node 8 checked!...29 matches found!
node 9 checked!...25 matches found!
node 10 checked!...32 matches found!
node 11 checked!...32 matches found!
node 12 checked!...25 matches found!
node 13 checked!...26 matches found!
node 14 checked!...28 matches found!
node 15 checked!...21 matches found!
node 16 checked!...31 matches found!
node 17 checked!...31 matches found!
node 18 checked!...33 matches found!
node 19 checked!...29 matches found!
node 20 checked!...28 matches found!
node 21 checked!...33 matches found!
node 22 checked!...31 matches found!
node 23 checked!...36 matches found!
node 24 checked!...32 matches found!
node 25 checked!...29 matches found!
node 26 checked!...32 matches found!
node 27 checked!...30 matches found!
node 28 checked!...26 matches found!
node 29 checked!...26 matches found!
node 30 checked!...30 matches found!

Voting array

[26 24 26 28 29 24 24 29 25 32 32 25 26 28 21 31 31 33 29 28 33 31 36 32 29
 32 30 26 26 30]

Putative nodes

[26 24 18 23 21]

Best matching node from voting array

23

Presence of query node in putative nodes

Absent

Node 11 -> query image 24
----

97 features detected!

Checking for matches...

node 1 checked!...31 matches found!
node 2 checked!...36 matches found!

```
node 3 checked!...39 matches found!
node 4 checked!...41 matches found!
node 5 checked!...37 matches found!
node 6 checked!...37 matches found!
node 7 checked!...36 matches found!
node 8 checked!...40 matches found!
node 9 checked!...36 matches found!
node 10 checked!...43 matches found!
node 11 checked!...48 matches found!
node 12 checked!...34 matches found!
node 13 checked!...34 matches found!
node 14 checked!...31 matches found!
node 15 checked!...33 matches found!
node 16 checked!...35 matches found!
node 17 checked!...44 matches found!
node 18 checked!...41 matches found!
node 19 checked!...41 matches found!
node 20 checked!...38 matches found!
node 21 checked!...40 matches found!
node 22 checked!...37 matches found!
node 23 checked!...46 matches found!
node 24 checked!...39 matches found!
node 25 checked!...37 matches found!
node 26 checked!...38 matches found!
node 27 checked!...46 matches found!
node 28 checked!...39 matches found!
node 29 checked!...34 matches found!
node 30 checked!...37 matches found!


Voting array
--------------
[31 36 39 41 37 37 36 40 36 43 48 34 34 31 33 35 44 41 41 38 40 37 46 39 37
 38 46 39 34 37]

Putative nodes
------------
[10 17 23 11 27]

Best matching node from voting array
----------------------------------------
11

Presence of query node in putative nodes
----------------------------------------
Present


Node 11 -> query image 25
------------------------

95 features detected!

Checking for matches...

node 1 checked!...37 matches found!
node 2 checked!...32 matches found!
node 3 checked!...39 matches found!
node 4 checked!...36 matches found!
node 5 checked!...42 matches found!
node 6 checked!...29 matches found!
node 7 checked!...34 matches found!
node 8 checked!...34 matches found!
```

```
node 9 checked!...33 matches found!
node 10 checked!...37 matches found!
node 11 checked!...41 matches found!
node 12 checked!...31 matches found!
node 13 checked!...36 matches found!
node 14 checked!...34 matches found!
node 15 checked!...31 matches found!
node 16 checked!...38 matches found!
node 17 checked!...33 matches found!
node 18 checked!...27 matches found!
node 19 checked!...35 matches found!
node 20 checked!...32 matches found!
node 21 checked!...34 matches found!
node 22 checked!...31 matches found!
node 23 checked!...37 matches found!
node 24 checked!...40 matches found!
node 25 checked!...32 matches found!
node 26 checked!...43 matches found!
node 27 checked!...40 matches found!
node 28 checked!...34 matches found!
node 29 checked!...34 matches found!
node 30 checked!...34 matches found!


Voting array
--------------
[37 32 39 36 42 29 34 34 33 37 41 31 36 34 31 38 33 27 35 32 34 31 37 40 32
 43 40 34 34 34]

Putative nodes
------------
[24 27 26  5 11]

Best matching node from voting array
----------------------------------------
26

Presence of query node in putative nodes
----------------------------------------
Present


Node 11 -> query image 26
------------------------

86 features detected!

Checking for matches...

node 1 checked!...33 matches found!
node 2 checked!...34 matches found!
node 3 checked!...39 matches found!
node 4 checked!...41 matches found!
node 5 checked!...43 matches found!
node 6 checked!...28 matches found!
node 7 checked!...33 matches found!
node 8 checked!...36 matches found!
node 9 checked!...31 matches found!
node 10 checked!...39 matches found!
node 11 checked!...40 matches found!
node 12 checked!...32 matches found!
node 13 checked!...40 matches found!
node 14 checked!...38 matches found!
```

```
node 15 checked!...32 matches found!
node 16 checked!...36 matches found!
node 17 checked!...38 matches found!
node 18 checked!...37 matches found!
node 19 checked!...33 matches found!
node 20 checked!...34 matches found!
node 21 checked!...41 matches found!
node 22 checked!...35 matches found!
node 23 checked!...39 matches found!
node 24 checked!...34 matches found!
node 25 checked!...32 matches found!
node 26 checked!...36 matches found!
node 27 checked!...38 matches found!
node 28 checked!...33 matches found!
node 29 checked!...32 matches found!
node 30 checked!...38 matches found!

Voting array
--------------
[33 34 39 41 43 28 33 36 31 39 40 32 40 38 32 36 38 37 33 34 41 35 39 34 32
 36 38 33 32 38]

Putative nodes
------------
[11 13 21  4  5]

Best matching node from voting array
----------------------------------------
5

Presence of query node in putative nodes
----------------------------------------
Present


Node 11 -> query image 27
------------------------

91 features detected!

Checking for matches...

node 1 checked!...35 matches found!
node 2 checked!...32 matches found!
node 3 checked!...38 matches found!
node 4 checked!...41 matches found!
node 5 checked!...38 matches found!
node 6 checked!...29 matches found!
node 7 checked!...27 matches found!
node 8 checked!...36 matches found!
node 9 checked!...29 matches found!
node 10 checked!...36 matches found!
node 11 checked!...42 matches found!
node 12 checked!...31 matches found!
node 13 checked!...36 matches found!
node 14 checked!...33 matches found!
node 15 checked!...36 matches found!
node 16 checked!...34 matches found!
node 17 checked!...34 matches found!
node 18 checked!...33 matches found!
node 19 checked!...36 matches found!
node 20 checked!...36 matches found!
```

```
node 21 checked!...38 matches found!
node 22 checked!...31 matches found!
node 23 checked!...34 matches found!
node 24 checked!...32 matches found!
node 25 checked!...33 matches found!
node 26 checked!...38 matches found!
node 27 checked!...35 matches found!
node 28 checked!...36 matches found!
node 29 checked!...31 matches found!
node 30 checked!...38 matches found!
```

Voting array

[35 32 38 41 38 29 27 36 29 36 42 31 36 33 36 34 34 33 36 36 38 31 34 32 33
 38 35 36 31 38]

Putative nodes

[30 5 4 21 11]

Best matching node from voting array

11

Presence of query node in putative nodes

Present

Node 11 -> query image 28
----

92 features detected!

Checking for matches...

```
node 1 checked!...36 matches found!
node 2 checked!...38 matches found!
node 3 checked!...40 matches found!
node 4 checked!...41 matches found!
node 5 checked!...42 matches found!
node 6 checked!...29 matches found!
node 7 checked!...31 matches found!
node 8 checked!...40 matches found!
node 9 checked!...33 matches found!
node 10 checked!...39 matches found!
node 11 checked!...41 matches found!
node 12 checked!...32 matches found!
node 13 checked!...39 matches found!
node 14 checked!...36 matches found!
node 15 checked!...33 matches found!
node 16 checked!...42 matches found!
node 17 checked!...42 matches found!
node 18 checked!...37 matches found!
node 19 checked!...40 matches found!
node 20 checked!...37 matches found!
node 21 checked!...38 matches found!
node 22 checked!...37 matches found!
node 23 checked!...37 matches found!
node 24 checked!...37 matches found!
node 25 checked!...34 matches found!
node 26 checked!...39 matches found!
```

```
node 27 checked!...41 matches found!
node 28 checked!...40 matches found!
node 29 checked!...32 matches found!
node 30 checked!...34 matches found!

Voting array
--------------
[36 38 40 41 42 29 31 40 33 39 41 32 39 36 33 42 42 37 40 37 38 37 37 37 34
 39 41 40 32 34]

Putative nodes
------------
[27  4  5 16 17]

Best matching node from voting array
----------------------------------------
5

Presence of query node in putative nodes
----------------------------------------
Absent


Node 11 -> query image 29
-----------------------

94 features detected!

Checking for matches...

node 1 checked!...34 matches found!
node 2 checked!...37 matches found!
node 3 checked!...40 matches found!
node 4 checked!...44 matches found!
node 5 checked!...39 matches found!
node 6 checked!...37 matches found!
node 7 checked!...35 matches found!
node 8 checked!...38 matches found!
node 9 checked!...36 matches found!
node 10 checked!...38 matches found!
node 11 checked!...46 matches found!
node 12 checked!...36 matches found!
node 13 checked!...36 matches found!
node 14 checked!...30 matches found!
node 15 checked!...35 matches found!
node 16 checked!...41 matches found!
node 17 checked!...40 matches found!
node 18 checked!...40 matches found!
node 19 checked!...42 matches found!
node 20 checked!...39 matches found!
node 21 checked!...40 matches found!
node 22 checked!...39 matches found!
node 23 checked!...51 matches found!
node 24 checked!...39 matches found!
node 25 checked!...37 matches found!
node 26 checked!...36 matches found!
node 27 checked!...41 matches found!
node 28 checked!...40 matches found!
node 29 checked!...37 matches found!
node 30 checked!...36 matches found!

Voting array
```

```
--------------
[34 37 40 44 39 37 35 38 36 38 46 36 36 30 35 41 40 40 42 39 40 39 51 39 37
 36 41 40 37 36]
```

Putative nodes

```
[16 23 11  4 19]
```

Best matching node from voting array

23

Presence of query node in putative nodes

Present

Node 11 -> query image 30
----

95 features detected!

Checking for matches...

node 1 checked!...37 matches found!
node 2 checked!...31 matches found!
node 3 checked!...37 matches found!
node 4 checked!...37 matches found!
node 5 checked!...41 matches found!
node 6 checked!...27 matches found!
node 7 checked!...31 matches found!
node 8 checked!...33 matches found!
node 9 checked!...31 matches found!
node 10 checked!...33 matches found!
node 11 checked!...40 matches found!
node 12 checked!...33 matches found!
node 13 checked!...35 matches found!
node 14 checked!...34 matches found!
node 15 checked!...30 matches found!
node 16 checked!...34 matches found!
node 17 checked!...33 matches found!
node 18 checked!...27 matches found!
node 19 checked!...34 matches found!
node 20 checked!...33 matches found!
node 21 checked!...32 matches found!
node 22 checked!...31 matches found!
node 23 checked!...36 matches found!
node 24 checked!...39 matches found!
node 25 checked!...31 matches found!
node 26 checked!...40 matches found!
node 27 checked!...39 matches found!
node 28 checked!...32 matches found!
node 29 checked!...37 matches found!
node 30 checked!...35 matches found!

Voting array

[37 31 37 37 41 27 31 33 31 33 40 33 35 34 30 34 33 27 34 33 32 31 36 39 31
 40 39 32 37 35]
```

Putative nodes

[24 27 26 5 11]

Best matching node from voting array

5

Presence of query node in putative nodes

Present

Node 11 -> query image 31
----

90 features detected!

Checking for matches...

node 1 checked!...33 matches found!
node 2 checked!...30 matches found!
node 3 checked!...36 matches found!
node 4 checked!...33 matches found!
node 5 checked!...41 matches found!
node 6 checked!...31 matches found!
node 7 checked!...26 matches found!
node 8 checked!...31 matches found!
node 9 checked!...27 matches found!
node 10 checked!...34 matches found!
node 11 checked!...35 matches found!
node 12 checked!...28 matches found!
node 13 checked!...34 matches found!
node 14 checked!...31 matches found!
node 15 checked!...30 matches found!
node 16 checked!...32 matches found!
node 17 checked!...36 matches found!
node 18 checked!...30 matches found!
node 19 checked!...28 matches found!
node 20 checked!...28 matches found!
node 21 checked!...38 matches found!
node 22 checked!...29 matches found!
node 23 checked!...38 matches found!
node 24 checked!...32 matches found!
node 25 checked!...30 matches found!
node 26 checked!...33 matches found!
node 27 checked!...29 matches found!
node 28 checked!...30 matches found!
node 29 checked!...30 matches found!
node 30 checked!...33 matches found!

Voting array

[33 30 36 33 41 31 26 31 27 34 35 28 34 31 30 32 36 30 28 28 38 29 38 32 30
 33 29 30 30 33]

Putative nodes

[3 17 23 5 21]

Best matching node from voting array

5

Presence of query node in putative nodes

Absent

Node 11 -> query image 32
----

98 features detected!

Checking for matches...

node 1 checked!...36 matches found!
node 2 checked!...31 matches found!
node 3 checked!...38 matches found!
node 4 checked!...40 matches found!
node 5 checked!...40 matches found!
node 6 checked!...31 matches found!
node 7 checked!...28 matches found!
node 8 checked!...38 matches found!
node 9 checked!...30 matches found!
node 10 checked!...37 matches found!
node 11 checked!...43 matches found!
node 12 checked!...32 matches found!
node 13 checked!...38 matches found!
node 14 checked!...37 matches found!
node 15 checked!...37 matches found!
node 16 checked!...34 matches found!
node 17 checked!...36 matches found!
node 18 checked!...36 matches found!
node 19 checked!...38 matches found!
node 20 checked!...37 matches found!
node 21 checked!...36 matches found!
node 22 checked!...32 matches found!
node 23 checked!...34 matches found!
node 24 checked!...33 matches found!
node 25 checked!...33 matches found!
node 26 checked!...39 matches found!
node 27 checked!...38 matches found!
node 28 checked!...36 matches found!
node 29 checked!...32 matches found!
node 30 checked!...36 matches found!

Voting array

[36 31 38 40 40 31 28 38 30 37 43 32 38 37 37 34 36 36 38 37 36 32 34 33 33
 39 38 36 32 36]

Putative nodes

[19 26 4 11 5]

Best matching node from voting array

11

Presence of query node in putative nodes

Present

Node 11 -> query image 33

----

72 features detected!

Checking for matches...

node 1 checked!...33 matches found!
node 2 checked!...31 matches found!
node 3 checked!...36 matches found!
node 4 checked!...34 matches found!
node 5 checked!...35 matches found!
node 6 checked!...28 matches found!
node 7 checked!...28 matches found!
node 8 checked!...33 matches found!
node 9 checked!...26 matches found!
node 10 checked!...38 matches found!
node 11 checked!...36 matches found!
node 12 checked!...31 matches found!
node 13 checked!...35 matches found!
node 14 checked!...35 matches found!
node 15 checked!...31 matches found!
node 16 checked!...32 matches found!
node 17 checked!...30 matches found!
node 18 checked!...31 matches found!
node 19 checked!...33 matches found!
node 20 checked!...37 matches found!
node 21 checked!...30 matches found!
node 22 checked!...29 matches found!
node 23 checked!...32 matches found!
node 24 checked!...30 matches found!
node 25 checked!...28 matches found!
node 26 checked!...31 matches found!
node 27 checked!...33 matches found!
node 28 checked!...32 matches found!
node 29 checked!...34 matches found!
node 30 checked!...29 matches found!

Voting array

[33 31 36 34 35 28 28 33 26 38 36 31 35 35 31 32 30 31 33 37 30 29 32 30 28
 31 33 32 34 29]

Putative nodes

[5 11 3 20 10]

Best matching node from voting array

10

Presence of query node in putative nodes

Present

Node 11 -> query image 34
----

62 features detected!

Checking for matches...

```
node 1 checked!...31 matches found!
node 2 checked!...24 matches found!
node 3 checked!...23 matches found!
node 4 checked!...30 matches found!
node 5 checked!...30 matches found!
node 6 checked!...24 matches found!
node 7 checked!...26 matches found!
node 8 checked!...32 matches found!
node 9 checked!...20 matches found!
node 10 checked!...26 matches found!
node 11 checked!...29 matches found!
node 12 checked!...25 matches found!
node 13 checked!...26 matches found!
node 14 checked!...28 matches found!
node 15 checked!...26 matches found!
node 16 checked!...29 matches found!
node 17 checked!...34 matches found!
node 18 checked!...28 matches found!
node 19 checked!...29 matches found!
node 20 checked!...27 matches found!
node 21 checked!...31 matches found!
node 22 checked!...26 matches found!
node 23 checked!...31 matches found!
node 24 checked!...32 matches found!
node 25 checked!...27 matches found!
node 26 checked!...31 matches found!
node 27 checked!...32 matches found!
node 28 checked!...30 matches found!
node 29 checked!...31 matches found!
node 30 checked!...33 matches found!
```

Voting array

[31 24 23 30 30 24 26 32 20 26 29 25 26 28 26 29 34 28 29 27 31 26 31 32 27
 31 32 30 31 33]

Putative nodes

[8 27 24 17 30]

Best matching node from voting array

17

Presence of query node in putative nodes

Absent

Node 11 -> query image 35
----

18 features detected!

Checking for matches...

```
node 1 checked!...13 matches found!
node 2 checked!...12 matches found!
node 3 checked!...15 matches found!
node 4 checked!...14 matches found!
node 5 checked!...14 matches found!
node 6 checked!...13 matches found!
```

```
node 7 checked!...14 matches found!
node 8 checked!...17 matches found!
node 9 checked!...15 matches found!
node 10 checked!...14 matches found!
node 11 checked!...15 matches found!
node 12 checked!...13 matches found!
node 13 checked!...14 matches found!
node 14 checked!...12 matches found!
node 15 checked!...14 matches found!
node 16 checked!...16 matches found!
node 17 checked!...15 matches found!
node 18 checked!...15 matches found!
node 19 checked!...15 matches found!
node 20 checked!...14 matches found!
node 21 checked!...14 matches found!
node 22 checked!...13 matches found!
node 23 checked!...14 matches found!
node 24 checked!...14 matches found!
node 25 checked!...15 matches found!
node 26 checked!...17 matches found!
node 27 checked!...17 matches found!
node 28 checked!...16 matches found!
node 29 checked!...16 matches found!
node 30 checked!...16 matches found!
```

Voting array

[13 12 15 14 14 13 14 17 15 14 15 13 14 12 14 16 15 15 15 14 14 13 14 14 15
 17 17 16 16 16]

Putative nodes

[30 27 26 16 8]

Best matching node from voting array

8

Presence of query node in putative nodes

Absent

Node 11 -> query image 36
----

75 features detected!

Checking for matches...

```
node 1 checked!...25 matches found!
node 2 checked!...32 matches found!
node 3 checked!...37 matches found!
node 4 checked!...33 matches found!
node 5 checked!...37 matches found!
node 6 checked!...28 matches found!
node 7 checked!...25 matches found!
node 8 checked!...35 matches found!
node 9 checked!...31 matches found!
node 10 checked!...36 matches found!
node 11 checked!...33 matches found!
node 12 checked!...27 matches found!
```

```
node 13 checked!...34 matches found!
node 14 checked!...27 matches found!
node 15 checked!...30 matches found!
node 16 checked!...34 matches found!
node 17 checked!...32 matches found!
node 18 checked!...32 matches found!
node 19 checked!...34 matches found!
node 20 checked!...33 matches found!
node 21 checked!...35 matches found!
node 22 checked!...27 matches found!
node 23 checked!...33 matches found!
node 24 checked!...32 matches found!
node 25 checked!...29 matches found!
node 26 checked!...34 matches found!
node 27 checked!...33 matches found!
node 28 checked!...35 matches found!
node 29 checked!...25 matches found!
node 30 checked!...32 matches found!
```

Voting array

[25 32 37 33 37 28 25 35 31 36 33 27 34 27 30 34 32 32 34 33 35 27 33 32 29
 34 33 35 25 32]

Putative nodes

[28 21 5 3 10]

Best matching node from voting array

3

Presence of query node in putative nodes

Absent

Node 11 -> query image 37
----

58 features detected!

Checking for matches...

```
node 1 checked!...27 matches found!
node 2 checked!...26 matches found!
node 3 checked!...27 matches found!
node 4 checked!...29 matches found!
node 5 checked!...28 matches found!
node 6 checked!...24 matches found!
node 7 checked!...24 matches found!
node 8 checked!...31 matches found!
node 9 checked!...28 matches found!
node 10 checked!...31 matches found!
node 11 checked!...31 matches found!
node 12 checked!...24 matches found!
node 13 checked!...25 matches found!
node 14 checked!...32 matches found!
node 15 checked!...27 matches found!
node 16 checked!...30 matches found!
node 17 checked!...32 matches found!
node 18 checked!...28 matches found!
```

```
node 19 checked!...27 matches found!
node 20 checked!...27 matches found!
node 21 checked!...30 matches found!
node 22 checked!...26 matches found!
node 23 checked!...27 matches found!
node 24 checked!...29 matches found!
node 25 checked!...26 matches found!
node 26 checked!...30 matches found!
node 27 checked!...29 matches found!
node 28 checked!...26 matches found!
node 29 checked!...30 matches found!
node 30 checked!...29 matches found!
```

Voting array

[27 26 27 29 28 24 24 31 28 31 31 24 25 32 27 30 32 28 27 27 30 26 27 29 26
 30 29 26 30 29]

Putative nodes

[8 11 10 17 14]

Best matching node from voting array

14

Presence of query node in putative nodes

Present

Node 11 -> query image 38
----

9 features detected!

Checking for matches...

```
node 1 checked!...7 matches found!
node 2 checked!...7 matches found!
node 3 checked!...7 matches found!
node 4 checked!...7 matches found!
node 5 checked!...7 matches found!
node 6 checked!...7 matches found!
node 7 checked!...7 matches found!
node 8 checked!...7 matches found!
node 9 checked!...7 matches found!
node 10 checked!...6 matches found!
node 11 checked!...7 matches found!
node 12 checked!...7 matches found!
node 13 checked!...7 matches found!
node 14 checked!...7 matches found!
node 15 checked!...7 matches found!
node 16 checked!...7 matches found!
node 17 checked!...7 matches found!
node 18 checked!...7 matches found!
node 19 checked!...7 matches found!
node 20 checked!...7 matches found!
node 21 checked!...7 matches found!
node 22 checked!...7 matches found!
node 23 checked!...7 matches found!
node 24 checked!...7 matches found!
```

```
node 25 checked!...7 matches found!
node 26 checked!...6 matches found!
node 27 checked!...7 matches found!
node 28 checked!...7 matches found!
node 29 checked!...7 matches found!
node 30 checked!...7 matches found!

Voting array
--------------
[7 7 7 7 7 7 7 7 7 6 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 6 7 7 7 7]

Putative nodes
------------
[12  2 13 11 30]

Best matching node from voting array
----------------------------------------
1

Presence of query node in putative nodes
----------------------------------------
Present


Node 11 -> query image 39
------------------------

1 features detected!

Checking for matches...

node 1 checked!...1 matches found!
node 2 checked!...1 matches found!
node 3 checked!...1 matches found!
node 4 checked!...1 matches found!
node 5 checked!...1 matches found!
node 6 checked!...1 matches found!
node 7 checked!...1 matches found!
node 8 checked!...1 matches found!
node 9 checked!...1 matches found!
node 10 checked!...1 matches found!
node 11 checked!...1 matches found!
node 12 checked!...1 matches found!
node 13 checked!...1 matches found!
node 14 checked!...1 matches found!
node 15 checked!...1 matches found!
node 16 checked!...1 matches found!
node 17 checked!...1 matches found!
node 18 checked!...1 matches found!
node 19 checked!...1 matches found!
node 20 checked!...1 matches found!
node 21 checked!...1 matches found!
node 22 checked!...1 matches found!
node 23 checked!...1 matches found!
node 24 checked!...1 matches found!
node 25 checked!...1 matches found!
node 26 checked!...1 matches found!
node 27 checked!...1 matches found!
node 28 checked!...1 matches found!
node 29 checked!...1 matches found!
node 30 checked!...1 matches found!
```

Voting array

[1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1]

Putative nodes

[11 14 12 10 30]

Best matching node from voting array

1

Presence of query node in putative nodes

Present

Node 11 -> query image 40
----

85 features detected!

Checking for matches...

node 1 checked!...33 matches found!
node 2 checked!...35 matches found!
node 3 checked!...40 matches found!
node 4 checked!...35 matches found!
node 5 checked!...37 matches found!
node 6 checked!...30 matches found!
node 7 checked!...31 matches found!
node 8 checked!...38 matches found!
node 9 checked!...32 matches found!
node 10 checked!...37 matches found!
node 11 checked!...38 matches found!
node 12 checked!...37 matches found!
node 13 checked!...35 matches found!
node 14 checked!...37 matches found!
node 15 checked!...33 matches found!
node 16 checked!...39 matches found!
node 17 checked!...34 matches found!
node 18 checked!...31 matches found!
node 19 checked!...30 matches found!
node 20 checked!...32 matches found!
node 21 checked!...45 matches found!
node 22 checked!...33 matches found!
node 23 checked!...35 matches found!
node 24 checked!...34 matches found!
node 25 checked!...29 matches found!
node 26 checked!...34 matches found!
node 27 checked!...33 matches found!
node 28 checked!...34 matches found!
node 29 checked!...32 matches found!
node 30 checked!...37 matches found!

Voting array

[33 35 40 35 37 30 31 38 32 37 38 37 35 37 33 39 34 31 30 32 45 33 35 34 29
 34 33 34 32 37]

Putative nodes

[11 8 16 3 21]

Best matching node from voting array

21

Presence of query node in putative nodes

Present

 Node 11 testing completed!

Node 12 -> query image 1
----

26 features detected!

Checking for matches...

node 1 checked!...17 matches found!
node 2 checked!...17 matches found!
node 3 checked!...16 matches found!
node 4 checked!...20 matches found!
node 5 checked!...19 matches found!
node 6 checked!...14 matches found!
node 7 checked!...16 matches found!
node 8 checked!...17 matches found!
node 9 checked!...13 matches found!
node 10 checked!...14 matches found!
node 11 checked!...19 matches found!
node 12 checked!...16 matches found!
node 13 checked!...17 matches found!
node 14 checked!...17 matches found!
node 15 checked!...14 matches found!
node 16 checked!...18 matches found!
node 17 checked!...18 matches found!
node 18 checked!...17 matches found!
node 19 checked!...16 matches found!
node 20 checked!...17 matches found!
node 21 checked!...20 matches found!
node 22 checked!...14 matches found!
node 23 checked!...19 matches found!
node 24 checked!...19 matches found!
node 25 checked!...16 matches found!
node 26 checked!...20 matches found!
node 27 checked!...17 matches found!
node 28 checked!...17 matches found!
node 29 checked!...18 matches found!
node 30 checked!...16 matches found!

Voting array

[17 17 16 20 19 14 16 17 13 14 19 16 17 17 14 18 18 17 16 17 20 14 19 19 16
 20 17 17 18 16]

Putative nodes

[5 24 4 26 21]

Best matching node from voting array

```
----------------------------------------
4

Presence of query node in putative nodes
----------------------------------------
Absent


Node 12 -> query image 2
------------------------

54 features detected!

Checking for matches...

node 1 checked!...28 matches found!
node 2 checked!...29 matches found!
node 3 checked!...27 matches found!
node 4 checked!...30 matches found!
node 5 checked!...29 matches found!
node 6 checked!...26 matches found!
node 7 checked!...26 matches found!
node 8 checked!...31 matches found!
node 9 checked!...24 matches found!
node 10 checked!...30 matches found!
node 11 checked!...30 matches found!
node 12 checked!...27 matches found!
node 13 checked!...26 matches found!
node 14 checked!...26 matches found!
node 15 checked!...27 matches found!
node 16 checked!...30 matches found!
node 17 checked!...29 matches found!
node 18 checked!...28 matches found!
node 19 checked!...25 matches found!
node 20 checked!...29 matches found!
node 21 checked!...31 matches found!
node 22 checked!...29 matches found!
node 23 checked!...31 matches found!
node 24 checked!...29 matches found!
node 25 checked!...29 matches found!
node 26 checked!...31 matches found!
node 27 checked!...31 matches found!
node 28 checked!...31 matches found!
node 29 checked!...31 matches found!
node 30 checked!...32 matches found!

Voting array
--------------
[28 29 27 30 29 26 26 31 24 30 30 27 26 26 27 30 29 28 25 29 31 29 31 29 29
 31 31 31 31 32]

Putative nodes
------------
[21 26 23  8 30]

Best matching node from voting array
----------------------------------------
30

Presence of query node in putative nodes
----------------------------------------
Absent
```

Node 12 -> query image 3
----

0 features detected!

Checking for matches...

node 1 checked!...0 matches found!
node 2 checked!...0 matches found!
node 3 checked!...0 matches found!
node 4 checked!...0 matches found!
node 5 checked!...0 matches found!
node 6 checked!...0 matches found!
node 7 checked!...0 matches found!
node 8 checked!...0 matches found!
node 9 checked!...0 matches found!
node 10 checked!...0 matches found!
node 11 checked!...0 matches found!
node 12 checked!...0 matches found!
node 13 checked!...0 matches found!
node 14 checked!...0 matches found!
node 15 checked!...0 matches found!
node 16 checked!...0 matches found!
node 17 checked!...0 matches found!
node 18 checked!...0 matches found!
node 19 checked!...0 matches found!
node 20 checked!...0 matches found!
node 21 checked!...0 matches found!
node 22 checked!...0 matches found!
node 23 checked!...0 matches found!
node 24 checked!...0 matches found!
node 25 checked!...0 matches found!
node 26 checked!...0 matches found!
node 27 checked!...0 matches found!
node 28 checked!...0 matches found!
node 29 checked!...0 matches found!
node 30 checked!...0 matches found!

Voting array

[0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0]

Unable to predict a matching node and putative nodes!

Node 12 -> query image 4
----

1 features detected!

Checking for matches...

node 1 checked!...1 matches found!
node 2 checked!...1 matches found!
node 3 checked!...1 matches found!
node 4 checked!...1 matches found!
node 5 checked!...1 matches found!
node 6 checked!...1 matches found!
node 7 checked!...1 matches found!
node 8 checked!...1 matches found!
node 9 checked!...1 matches found!

```
node 10 checked!...1 matches found!
node 11 checked!...1 matches found!
node 12 checked!...1 matches found!
node 13 checked!...1 matches found!
node 14 checked!...1 matches found!
node 15 checked!...1 matches found!
node 16 checked!...1 matches found!
node 17 checked!...1 matches found!
node 18 checked!...1 matches found!
node 19 checked!...1 matches found!
node 20 checked!...1 matches found!
node 21 checked!...1 matches found!
node 22 checked!...1 matches found!
node 23 checked!...1 matches found!
node 24 checked!...1 matches found!
node 25 checked!...1 matches found!
node 26 checked!...1 matches found!
node 27 checked!...1 matches found!
node 28 checked!...1 matches found!
node 29 checked!...1 matches found!
node 30 checked!...1 matches found!
```

Voting array

[1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1]

Putative nodes

[11 14 12 10 30]

Best matching node from voting array

1

Presence of query node in putative nodes

Present

Node 12 -> query image 5
----

78 features detected!

Checking for matches...

```
node 1 checked!...22 matches found!
node 2 checked!...27 matches found!
node 3 checked!...28 matches found!
node 4 checked!...31 matches found!
node 5 checked!...28 matches found!
node 6 checked!...27 matches found!
node 7 checked!...23 matches found!
node 8 checked!...31 matches found!
node 9 checked!...24 matches found!
node 10 checked!...26 matches found!
node 11 checked!...33 matches found!
node 12 checked!...23 matches found!
node 13 checked!...26 matches found!
node 14 checked!...24 matches found!
node 15 checked!...23 matches found!
node 16 checked!...25 matches found!
```

```
node 17 checked!...31 matches found!
node 18 checked!...26 matches found!
node 19 checked!...27 matches found!
node 20 checked!...25 matches found!
node 21 checked!...30 matches found!
node 22 checked!...23 matches found!
node 23 checked!...28 matches found!
node 24 checked!...25 matches found!
node 25 checked!...23 matches found!
node 26 checked!...30 matches found!
node 27 checked!...27 matches found!
node 28 checked!...32 matches found!
node 29 checked!...28 matches found!
node 30 checked!...25 matches found!
```

Voting array

[22 27 28 31 28 27 23 31 24 26 33 23 26 24 23 25 31 26 27 25 30 23 28 25 23
 30 27 32 28 25]

Putative nodes

[4 17 28 8 11]

Best matching node from voting array

11

Presence of query node in putative nodes

Absent

Node 12 -> query image 6
----

75 features detected!

Checking for matches...

```
node 1 checked!...29 matches found!
node 2 checked!...32 matches found!
node 3 checked!...31 matches found!
node 4 checked!...31 matches found!
node 5 checked!...30 matches found!
node 6 checked!...29 matches found!
node 7 checked!...26 matches found!
node 8 checked!...34 matches found!
node 9 checked!...29 matches found!
node 10 checked!...35 matches found!
node 11 checked!...32 matches found!
node 12 checked!...34 matches found!
node 13 checked!...34 matches found!
node 14 checked!...36 matches found!
node 15 checked!...27 matches found!
node 16 checked!...35 matches found!
node 17 checked!...37 matches found!
node 18 checked!...31 matches found!
node 19 checked!...29 matches found!
node 20 checked!...29 matches found!
node 21 checked!...36 matches found!
node 22 checked!...32 matches found!
```

```
node 23 checked!...35 matches found!
node 24 checked!...29 matches found!
node 25 checked!...26 matches found!
node 26 checked!...32 matches found!
node 27 checked!...28 matches found!
node 28 checked!...31 matches found!
node 29 checked!...25 matches found!
node 30 checked!...32 matches found!

Voting array
--------------
[29 32 31 31 30 29 26 34 29 35 32 34 34 36 27 35 37 31 29 29 36 32 35 29 26
 32 28 31 25 32]

Putative nodes
------------
[23 14 21 17 10]

Best matching node from voting array
----------------------------------------
17

Presence of query node in putative nodes
----------------------------------------
Absent


Node 12 -> query image 7
------------------------

79 features detected!

Checking for matches...

node 1 checked!...27 matches found!
node 2 checked!...31 matches found!
node 3 checked!...32 matches found!
node 4 checked!...31 matches found!
node 5 checked!...31 matches found!
node 6 checked!...29 matches found!
node 7 checked!...26 matches found!
node 8 checked!...38 matches found!
node 9 checked!...26 matches found!
node 10 checked!...29 matches found!
node 11 checked!...32 matches found!
node 12 checked!...28 matches found!
node 13 checked!...33 matches found!
node 14 checked!...29 matches found!
node 15 checked!...29 matches found!
node 16 checked!...31 matches found!
node 17 checked!...35 matches found!
node 18 checked!...30 matches found!
node 19 checked!...26 matches found!
node 20 checked!...28 matches found!
node 21 checked!...34 matches found!
node 22 checked!...24 matches found!
node 23 checked!...33 matches found!
node 24 checked!...26 matches found!
node 25 checked!...28 matches found!
node 26 checked!...32 matches found!
node 27 checked!...28 matches found!
node 28 checked!...31 matches found!
```

```
node 29 checked!...27 matches found!
node 30 checked!...27 matches found!

Voting array
--------------
[27 31 32 31 31 29 26 38 26 29 32 28 33 29 29 31 35 30 26 28 34 24 33 26 28
 32 28 31 27 27]

Putative nodes
------------
[23 13 17 21  8]

Best matching node from voting array
----------------------------------------
8

Presence of query node in putative nodes
----------------------------------------
Absent


Node 12 -> query image 8
------------------------

87 features detected!

Checking for matches...

node 1 checked!...38 matches found!
node 2 checked!...31 matches found!
node 3 checked!...33 matches found!
node 4 checked!...44 matches found!
node 5 checked!...41 matches found!
node 6 checked!...27 matches found!
node 7 checked!...30 matches found!
node 8 checked!...41 matches found!
node 9 checked!...32 matches found!
node 10 checked!...40 matches found!
node 11 checked!...41 matches found!
node 12 checked!...33 matches found!
node 13 checked!...37 matches found!
node 14 checked!...30 matches found!
node 15 checked!...38 matches found!
node 16 checked!...40 matches found!
node 17 checked!...38 matches found!
node 18 checked!...40 matches found!
node 19 checked!...36 matches found!
node 20 checked!...35 matches found!
node 21 checked!...34 matches found!
node 22 checked!...37 matches found!
node 23 checked!...40 matches found!
node 24 checked!...33 matches found!
node 25 checked!...35 matches found!
node 26 checked!...38 matches found!
node 27 checked!...37 matches found!
node 28 checked!...35 matches found!
node 29 checked!...35 matches found!
node 30 checked!...41 matches found!

Voting array
--------------
[38 31 33 44 41 27 30 41 32 40 41 33 37 30 38 40 38 40 36 35 34 37 40 33 35
```

```
 38 37 35 35 41]
```

Putative nodes

[5 11 8 4 30]

Best matching node from voting array

4

Presence of query node in putative nodes

Absent

Node 12 -> query image 9
----

54 features detected!

Checking for matches...

node 1 checked!...22 matches found!
node 2 checked!...24 matches found!
node 3 checked!...29 matches found!
node 4 checked!...32 matches found!
node 5 checked!...29 matches found!
node 6 checked!...26 matches found!
node 7 checked!...30 matches found!
node 8 checked!...29 matches found!
node 9 checked!...28 matches found!
node 10 checked!...28 matches found!
node 11 checked!...28 matches found!
node 12 checked!...26 matches found!
node 13 checked!...28 matches found!
node 14 checked!...29 matches found!
node 15 checked!...26 matches found!
node 16 checked!...32 matches found!
node 17 checked!...34 matches found!
node 18 checked!...25 matches found!
node 19 checked!...29 matches found!
node 20 checked!...29 matches found!
node 21 checked!...27 matches found!
node 22 checked!...27 matches found!
node 23 checked!...31 matches found!
node 24 checked!...29 matches found!
node 25 checked!...31 matches found!
node 26 checked!...28 matches found!
node 27 checked!...33 matches found!
node 28 checked!...28 matches found!
node 29 checked!...31 matches found!
node 30 checked!...29 matches found!

Voting array

[22 24 29 32 29 26 30 29 28 28 28 26 28 29 26 32 34 25 29 29 27 27 31 29 31
 28 33 28 31 29]

Putative nodes

[23 4 16 17 27]

Best matching node from voting array

17

Presence of query node in putative nodes

Absent

Node 12 -> query image 10
----

57 features detected!

Checking for matches...

node 1 checked!...24 matches found!
node 2 checked!...27 matches found!
node 3 checked!...27 matches found!
node 4 checked!...30 matches found!
node 5 checked!...28 matches found!
node 6 checked!...23 matches found!
node 7 checked!...27 matches found!
node 8 checked!...28 matches found!
node 9 checked!...26 matches found!
node 10 checked!...24 matches found!
node 11 checked!...32 matches found!
node 12 checked!...29 matches found!
node 13 checked!...21 matches found!
node 14 checked!...30 matches found!
node 15 checked!...20 matches found!
node 16 checked!...28 matches found!
node 17 checked!...31 matches found!
node 18 checked!...27 matches found!
node 19 checked!...26 matches found!
node 20 checked!...27 matches found!
node 21 checked!...30 matches found!
node 22 checked!...28 matches found!
node 23 checked!...32 matches found!
node 24 checked!...34 matches found!
node 25 checked!...28 matches found!
node 26 checked!...29 matches found!
node 27 checked!...27 matches found!
node 28 checked!...27 matches found!
node 29 checked!...28 matches found!
node 30 checked!...26 matches found!

Voting array

[24 27 27 30 28 23 27 28 26 24 32 29 21 30 20 28 31 27 26 27 30 28 32 34 28
 29 27 27 28 26]

Putative nodes

[14 17 23 11 24]

Best matching node from voting array

24

Presence of query node in putative nodes

Absent

Node 12 -> query image 11
----

85 features detected!

Checking for matches...

node 1 checked!...29 matches found!
node 2 checked!...28 matches found!
node 3 checked!...36 matches found!
node 4 checked!...39 matches found!
node 5 checked!...36 matches found!
node 6 checked!...30 matches found!
node 7 checked!...34 matches found!
node 8 checked!...32 matches found!
node 9 checked!...36 matches found!
node 10 checked!...36 matches found!
node 11 checked!...37 matches found!
node 12 checked!...42 matches found!
node 13 checked!...34 matches found!
node 14 checked!...32 matches found!
node 15 checked!...33 matches found!
node 16 checked!...33 matches found!
node 17 checked!...42 matches found!
node 18 checked!...31 matches found!
node 19 checked!...32 matches found!
node 20 checked!...29 matches found!
node 21 checked!...36 matches found!
node 22 checked!...31 matches found!
node 23 checked!...39 matches found!
node 24 checked!...39 matches found!
node 25 checked!...37 matches found!
node 26 checked!...37 matches found!
node 27 checked!...36 matches found!
node 28 checked!...36 matches found!
node 29 checked!...38 matches found!
node 30 checked!...39 matches found!

Voting array

[29 28 36 39 36 30 34 32 36 36 37 42 34 32 33 33 42 31 32 29 36 31 39 39 37
 37 36 36 38 39]

Putative nodes

[4 24 23 17 12]

Best matching node from voting array

12

Presence of query node in putative nodes

Present

Node 12 -> query image 12
----

50 features detected!

Checking for matches...

node 1 checked!...25 matches found!
node 2 checked!...29 matches found!
node 3 checked!...26 matches found!
node 4 checked!...24 matches found!
node 5 checked!...30 matches found!
node 6 checked!...23 matches found!
node 7 checked!...22 matches found!
node 8 checked!...26 matches found!
node 9 checked!...20 matches found!
node 10 checked!...26 matches found!
node 11 checked!...27 matches found!
node 12 checked!...24 matches found!
node 13 checked!...23 matches found!
node 14 checked!...23 matches found!
node 15 checked!...26 matches found!
node 16 checked!...24 matches found!
node 17 checked!...26 matches found!
node 18 checked!...23 matches found!
node 19 checked!...21 matches found!
node 20 checked!...21 matches found!
node 21 checked!...29 matches found!
node 22 checked!...23 matches found!
node 23 checked!...22 matches found!
node 24 checked!...22 matches found!
node 25 checked!...21 matches found!
node 26 checked!...24 matches found!
node 27 checked!...19 matches found!
node 28 checked!...23 matches found!
node 29 checked!...22 matches found!
node 30 checked!...22 matches found!

Voting array

[25 29 26 24 30 23 22 26 20 26 27 24 23 23 26 24 26 23 21 21 29 23 22 22 21
 24 19 23 22 22]

Putative nodes

[17 11 21 2 5]

Best matching node from voting array

5

Presence of query node in putative nodes

Absent

Node 12 -> query image 13
----

87 features detected!

Checking for matches...

node 1 checked!...33 matches found!
node 2 checked!...37 matches found!

```
node 3 checked!...36 matches found!
node 4 checked!...34 matches found!
node 5 checked!...38 matches found!
node 6 checked!...38 matches found!
node 7 checked!...33 matches found!
node 8 checked!...47 matches found!
node 9 checked!...32 matches found!
node 10 checked!...37 matches found!
node 11 checked!...40 matches found!
node 12 checked!...34 matches found!
node 13 checked!...41 matches found!
node 14 checked!...29 matches found!
node 15 checked!...36 matches found!
node 16 checked!...39 matches found!
node 17 checked!...39 matches found!
node 18 checked!...38 matches found!
node 19 checked!...32 matches found!
node 20 checked!...37 matches found!
node 21 checked!...39 matches found!
node 22 checked!...36 matches found!
node 23 checked!...39 matches found!
node 24 checked!...34 matches found!
node 25 checked!...35 matches found!
node 26 checked!...40 matches found!
node 27 checked!...37 matches found!
node 28 checked!...39 matches found!
node 29 checked!...36 matches found!
node 30 checked!...39 matches found!
```

Voting array

[33 37 36 34 38 38 33 47 32 37 40 34 41 29 36 39 39 38 32 37 39 36 39 34 35
 40 37 39 36 39]

Putative nodes

[16 11 8 26 13]

Best matching node from voting array

8

Presence of query node in putative nodes

Absent

Node 12 -> query image 14
----

88 features detected!

Checking for matches...

```
node 1 checked!...33 matches found!
node 2 checked!...34 matches found!
node 3 checked!...39 matches found!
node 4 checked!...40 matches found!
node 5 checked!...40 matches found!
node 6 checked!...31 matches found!
node 7 checked!...31 matches found!
node 8 checked!...32 matches found!
```

```
node 9 checked!...33 matches found!
node 10 checked!...37 matches found!
node 11 checked!...35 matches found!
node 12 checked!...35 matches found!
node 13 checked!...33 matches found!
node 14 checked!...37 matches found!
node 15 checked!...37 matches found!
node 16 checked!...39 matches found!
node 17 checked!...32 matches found!
node 18 checked!...36 matches found!
node 19 checked!...35 matches found!
node 20 checked!...34 matches found!
node 21 checked!...41 matches found!
node 22 checked!...33 matches found!
node 23 checked!...38 matches found!
node 24 checked!...35 matches found!
node 25 checked!...28 matches found!
node 26 checked!...37 matches found!
node 27 checked!...33 matches found!
node 28 checked!...33 matches found!
node 29 checked!...30 matches found!
node 30 checked!...36 matches found!


Voting array
--------------
[33 34 39 40 40 31 31 32 33 37 35 35 33 37 37 39 32 36 35 34 41 33 38 35 28
 37 33 33 30 36]

Putative nodes
------------
[ 3 16  4 21  5]

Best matching node from voting array
----------------------------------------
21

Presence of query node in putative nodes
----------------------------------------
Absent


Node 12 -> query image 15
------------------------

86 features detected!

Checking for matches...

node 1 checked!...34 matches found!
node 2 checked!...37 matches found!
node 3 checked!...34 matches found!
node 4 checked!...40 matches found!
node 5 checked!...34 matches found!
node 6 checked!...34 matches found!
node 7 checked!...28 matches found!
node 8 checked!...38 matches found!
node 9 checked!...31 matches found!
node 10 checked!...28 matches found!
node 11 checked!...38 matches found!
node 12 checked!...34 matches found!
node 13 checked!...37 matches found!
node 14 checked!...30 matches found!
```

```
node 15 checked!...32 matches found!
node 16 checked!...38 matches found!
node 17 checked!...38 matches found!
node 18 checked!...35 matches found!
node 19 checked!...33 matches found!
node 20 checked!...34 matches found!
node 21 checked!...32 matches found!
node 22 checked!...32 matches found!
node 23 checked!...39 matches found!
node 24 checked!...43 matches found!
node 25 checked!...36 matches found!
node 26 checked!...35 matches found!
node 27 checked!...36 matches found!
node 28 checked!...35 matches found!
node 29 checked!...37 matches found!
node 30 checked!...38 matches found!
```

Voting array

[34 37 34 40 34 34 28 38 31 28 38 34 37 30 32 38 38 35 33 34 32 32 39 43 36
 35 36 35 37 38]

Putative nodes

[8 23 16 4 24]

Best matching node from voting array

24

Presence of query node in putative nodes

Absent

Node 12 -> query image 16
----

81 features detected!

Checking for matches...

```
node 1 checked!...29 matches found!
node 2 checked!...31 matches found!
node 3 checked!...36 matches found!
node 4 checked!...37 matches found!
node 5 checked!...38 matches found!
node 6 checked!...32 matches found!
node 7 checked!...30 matches found!
node 8 checked!...34 matches found!
node 9 checked!...29 matches found!
node 10 checked!...28 matches found!
node 11 checked!...26 matches found!
node 12 checked!...38 matches found!
node 13 checked!...37 matches found!
node 14 checked!...32 matches found!
node 15 checked!...26 matches found!
node 16 checked!...31 matches found!
node 17 checked!...35 matches found!
node 18 checked!...33 matches found!
node 19 checked!...28 matches found!
node 20 checked!...31 matches found!
```

```
node 21 checked!...30 matches found!
node 22 checked!...32 matches found!
node 23 checked!...33 matches found!
node 24 checked!...33 matches found!
node 25 checked!...30 matches found!
node 26 checked!...30 matches found!
node 27 checked!...26 matches found!
node 28 checked!...33 matches found!
node 29 checked!...32 matches found!
node 30 checked!...31 matches found!
```

```
Voting array
--------------
[29 31 36 37 38 32 30 34 29 28 26 38 37 32 26 31 35 33 28 31 30 32 33 33 30
 30 26 33 32 31]
```

```
Putative nodes
------------
[ 3 13 12  5  4]
```

```
Best matching node from voting array
----------------------------------------
5
```

```
Presence of query node in putative nodes
----------------------------------------
Present
```

```
Node 12 -> query image 17
------------------------
```

```
75 features detected!
```

```
Checking for matches...
```

```
node 1 checked!...28 matches found!
node 2 checked!...33 matches found!
node 3 checked!...30 matches found!
node 4 checked!...32 matches found!
node 5 checked!...34 matches found!
node 6 checked!...26 matches found!
node 7 checked!...21 matches found!
node 8 checked!...29 matches found!
node 9 checked!...28 matches found!
node 10 checked!...27 matches found!
node 11 checked!...31 matches found!
node 12 checked!...29 matches found!
node 13 checked!...27 matches found!
node 14 checked!...26 matches found!
node 15 checked!...27 matches found!
node 16 checked!...28 matches found!
node 17 checked!...32 matches found!
node 18 checked!...27 matches found!
node 19 checked!...24 matches found!
node 20 checked!...27 matches found!
node 21 checked!...34 matches found!
node 22 checked!...26 matches found!
node 23 checked!...28 matches found!
node 24 checked!...29 matches found!
node 25 checked!...25 matches found!
node 26 checked!...27 matches found!
```

```
node 27 checked!...26 matches found!
node 28 checked!...29 matches found!
node 29 checked!...26 matches found!
node 30 checked!...27 matches found!

Voting array
--------------
[28 33 30 32 34 26 21 29 28 27 31 29 27 26 27 28 32 27 24 27 34 26 28 29 25
 27 26 29 26 27]

Putative nodes
------------
[17  4  2 21  5]

Best matching node from voting array
----------------------------------------
5

Presence of query node in putative nodes
----------------------------------------
Absent


Node 12 -> query image 18
-----------------------

98 features detected!

Checking for matches...

node 1 checked!...38 matches found!
node 2 checked!...42 matches found!
node 3 checked!...40 matches found!
node 4 checked!...42 matches found!
node 5 checked!...45 matches found!
node 6 checked!...33 matches found!
node 7 checked!...33 matches found!
node 8 checked!...43 matches found!
node 9 checked!...33 matches found!
node 10 checked!...39 matches found!
node 11 checked!...43 matches found!
node 12 checked!...35 matches found!
node 13 checked!...36 matches found!
node 14 checked!...37 matches found!
node 15 checked!...37 matches found!
node 16 checked!...41 matches found!
node 17 checked!...41 matches found!
node 18 checked!...37 matches found!
node 19 checked!...38 matches found!
node 20 checked!...37 matches found!
node 21 checked!...39 matches found!
node 22 checked!...36 matches found!
node 23 checked!...40 matches found!
node 24 checked!...37 matches found!
node 25 checked!...31 matches found!
node 26 checked!...42 matches found!
node 27 checked!...37 matches found!
node 28 checked!...36 matches found!
node 29 checked!...35 matches found!
node 30 checked!...39 matches found!

Voting array
```

```
--------------
[38 42 40 42 45 33 33 43 33 39 43 35 36 37 37 41 41 37 38 37 39 36 40 37 31
 42 37 36 35 39]
```

Putative nodes

```
[ 2  5 26 11  8]
```

Best matching node from voting array

5

Presence of query node in putative nodes

Absent

Node 12 -> query image 19
----

99 features detected!

Checking for matches...

```
node 1 checked!...36 matches found!
node 2 checked!...39 matches found!
node 3 checked!...41 matches found!
node 4 checked!...44 matches found!
node 5 checked!...41 matches found!
node 6 checked!...37 matches found!
node 7 checked!...34 matches found!
node 8 checked!...38 matches found!
node 9 checked!...33 matches found!
node 10 checked!...43 matches found!
node 11 checked!...38 matches found!
node 12 checked!...39 matches found!
node 13 checked!...40 matches found!
node 14 checked!...40 matches found!
node 15 checked!...35 matches found!
node 16 checked!...39 matches found!
node 17 checked!...40 matches found!
node 18 checked!...34 matches found!
node 19 checked!...39 matches found!
node 20 checked!...33 matches found!
node 21 checked!...44 matches found!
node 22 checked!...33 matches found!
node 23 checked!...41 matches found!
node 24 checked!...37 matches found!
node 25 checked!...32 matches found!
node 26 checked!...39 matches found!
node 27 checked!...38 matches found!
node 28 checked!...36 matches found!
node 29 checked!...37 matches found!
node 30 checked!...32 matches found!
```

Voting array

```
[36 39 41 44 41 37 34 38 33 43 38 39 40 40 35 39 40 34 39 33 44 33 41 37 32
 39 38 36 37 32]
```

Putative nodes

[23 5 10 4 21]

Best matching node from voting array

4

Presence of query node in putative nodes

Absent

Node 12 -> query image 20
----

90 features detected!

Checking for matches...

node 1 checked!...35 matches found!
node 2 checked!...29 matches found!
node 3 checked!...32 matches found!
node 4 checked!...43 matches found!
node 5 checked!...35 matches found!
node 6 checked!...33 matches found!
node 7 checked!...28 matches found!
node 8 checked!...36 matches found!
node 9 checked!...33 matches found!
node 10 checked!...31 matches found!
node 11 checked!...31 matches found!
node 12 checked!...36 matches found!
node 13 checked!...37 matches found!
node 14 checked!...28 matches found!
node 15 checked!...30 matches found!
node 16 checked!...36 matches found!
node 17 checked!...37 matches found!
node 18 checked!...38 matches found!
node 19 checked!...33 matches found!
node 20 checked!...32 matches found!
node 21 checked!...34 matches found!
node 22 checked!...29 matches found!
node 23 checked!...37 matches found!
node 24 checked!...39 matches found!
node 25 checked!...31 matches found!
node 26 checked!...38 matches found!
node 27 checked!...38 matches found!
node 28 checked!...37 matches found!
node 29 checked!...35 matches found!
node 30 checked!...37 matches found!

Voting array

[35 29 32 43 35 33 28 36 33 31 31 36 37 28 30 36 37 38 33 32 34 29 37 39 31
 38 38 37 35 37]

Putative nodes

[27 18 26 4 24]

Best matching node from voting array

4

Presence of query node in putative nodes

Absent

Node 12 -> query image 21
----

98 features detected!

Checking for matches...

node 1 checked!...30 matches found!
node 2 checked!...34 matches found!
node 3 checked!...36 matches found!
node 4 checked!...41 matches found!
node 5 checked!...36 matches found!
node 6 checked!...32 matches found!
node 7 checked!...35 matches found!
node 8 checked!...34 matches found!
node 9 checked!...36 matches found!
node 10 checked!...41 matches found!
node 11 checked!...32 matches found!
node 12 checked!...44 matches found!
node 13 checked!...36 matches found!
node 14 checked!...33 matches found!
node 15 checked!...33 matches found!
node 16 checked!...32 matches found!
node 17 checked!...38 matches found!
node 18 checked!...37 matches found!
node 19 checked!...30 matches found!
node 20 checked!...31 matches found!
node 21 checked!...36 matches found!
node 22 checked!...33 matches found!
node 23 checked!...36 matches found!
node 24 checked!...37 matches found!
node 25 checked!...37 matches found!
node 26 checked!...38 matches found!
node 27 checked!...35 matches found!
node 28 checked!...37 matches found!
node 29 checked!...35 matches found!
node 30 checked!...35 matches found!

Voting array

[30 34 36 41 36 32 35 34 36 41 32 44 36 33 33 32 38 37 30 31 36 33 36 37 37
 38 35 37 35 35]

Putative nodes

[17 26 10 12 4]

Best matching node from voting array

12

Presence of query node in putative nodes

Present

Node 12 -> query image 22

----

95 features detected!

Checking for matches...

node 1 checked!...30 matches found!
node 2 checked!...39 matches found!
node 3 checked!...39 matches found!
node 4 checked!...39 matches found!
node 5 checked!...36 matches found!
node 6 checked!...35 matches found!
node 7 checked!...33 matches found!
node 8 checked!...38 matches found!
node 9 checked!...34 matches found!
node 10 checked!...38 matches found!
node 11 checked!...32 matches found!
node 12 checked!...37 matches found!
node 13 checked!...40 matches found!
node 14 checked!...36 matches found!
node 15 checked!...36 matches found!
node 16 checked!...38 matches found!
node 17 checked!...41 matches found!
node 18 checked!...35 matches found!
node 19 checked!...28 matches found!
node 20 checked!...34 matches found!
node 21 checked!...39 matches found!
node 22 checked!...31 matches found!
node 23 checked!...40 matches found!
node 24 checked!...32 matches found!
node 25 checked!...34 matches found!
node 26 checked!...34 matches found!
node 27 checked!...38 matches found!
node 28 checked!...37 matches found!
node 29 checked!...35 matches found!
node 30 checked!...35 matches found!

Voting array

[30 39 39 39 36 35 33 38 34 38 32 37 40 36 36 38 41 35 28 34 39 31 40 32 34
 34 38 37 35 35]

Putative nodes

[21 2 13 23 17]

Best matching node from voting array

17

Presence of query node in putative nodes

Absent

Node 12 -> query image 23
----

94 features detected!

Checking for matches...

```
node 1 checked!...35 matches found!
node 2 checked!...40 matches found!
node 3 checked!...38 matches found!
node 4 checked!...43 matches found!
node 5 checked!...41 matches found!
node 6 checked!...31 matches found!
node 7 checked!...31 matches found!
node 8 checked!...45 matches found!
node 9 checked!...33 matches found!
node 10 checked!...38 matches found!
node 11 checked!...39 matches found!
node 12 checked!...36 matches found!
node 13 checked!...35 matches found!
node 14 checked!...38 matches found!
node 15 checked!...36 matches found!
node 16 checked!...39 matches found!
node 17 checked!...41 matches found!
node 18 checked!...37 matches found!
node 19 checked!...33 matches found!
node 20 checked!...38 matches found!
node 21 checked!...37 matches found!
node 22 checked!...37 matches found!
node 23 checked!...40 matches found!
node 24 checked!...37 matches found!
node 25 checked!...31 matches found!
node 26 checked!...38 matches found!
node 27 checked!...38 matches found!
node 28 checked!...37 matches found!
node 29 checked!...34 matches found!
node 30 checked!...38 matches found!
```

Voting array

[35 40 38 43 41 31 31 45 33 38 39 36 35 38 36 39 41 37 33 38 37 37 40 37 31
 38 38 37 34 38]

Putative nodes

[2 5 17 8 4]

Best matching node from voting array

8

Presence of query node in putative nodes

Absent

Node 12 -> query image 24
----

94 features detected!

Checking for matches...

```
node 1 checked!...38 matches found!
node 2 checked!...34 matches found!
node 3 checked!...38 matches found!
node 4 checked!...38 matches found!
node 5 checked!...41 matches found!
node 6 checked!...32 matches found!
```

```
node 7 checked!...34 matches found!
node 8 checked!...41 matches found!
node 9 checked!...33 matches found!
node 10 checked!...43 matches found!
node 11 checked!...36 matches found!
node 12 checked!...37 matches found!
node 13 checked!...39 matches found!
node 14 checked!...39 matches found!
node 15 checked!...33 matches found!
node 16 checked!...42 matches found!
node 17 checked!...39 matches found!
node 18 checked!...38 matches found!
node 19 checked!...38 matches found!
node 20 checked!...38 matches found!
node 21 checked!...43 matches found!
node 22 checked!...35 matches found!
node 23 checked!...40 matches found!
node 24 checked!...37 matches found!
node 25 checked!...34 matches found!
node 26 checked!...32 matches found!
node 27 checked!...37 matches found!
node 28 checked!...37 matches found!
node 29 checked!...30 matches found!
node 30 checked!...35 matches found!


Voting array
--------------
[38 34 38 38 41 32 34 41 33 43 36 37 39 39 33 42 39 38 38 38 43 35 40 37 34
 32 37 37 30 35]

Putative nodes
------------
[ 5  8 10 21 16]

Best matching node from voting array
----------------------------------------
10

Presence of query node in putative nodes
----------------------------------------
Absent


Node 12 -> query image 25
------------------------

94 features detected!

Checking for matches...

node 1 checked!...34 matches found!
node 2 checked!...37 matches found!
node 3 checked!...34 matches found!
node 4 checked!...37 matches found!
node 5 checked!...36 matches found!
node 6 checked!...38 matches found!
node 7 checked!...32 matches found!
node 8 checked!...37 matches found!
node 9 checked!...33 matches found!
node 10 checked!...32 matches found!
node 11 checked!...36 matches found!
node 12 checked!...35 matches found!
```

```
node 13 checked!...39 matches found!
node 14 checked!...32 matches found!
node 15 checked!...30 matches found!
node 16 checked!...36 matches found!
node 17 checked!...42 matches found!
node 18 checked!...34 matches found!
node 19 checked!...32 matches found!
node 20 checked!...37 matches found!
node 21 checked!...36 matches found!
node 22 checked!...36 matches found!
node 23 checked!...40 matches found!
node 24 checked!...41 matches found!
node 25 checked!...36 matches found!
node 26 checked!...37 matches found!
node 27 checked!...35 matches found!
node 28 checked!...38 matches found!
node 29 checked!...35 matches found!
node 30 checked!...37 matches found!

Voting array
--------------
[34 37 34 37 36 38 32 37 33 32 36 35 39 32 30 36 42 34 32 37 36 36 40 41 36
 37 35 38 35 37]

Putative nodes
------------
[ 6 13 23 17 24]

Best matching node from voting array
----------------------------------------
17

Presence of query node in putative nodes
----------------------------------------
Absent


Node 12 -> query image 26
------------------------

86 features detected!

Checking for matches...

node 1 checked!...26 matches found!
node 2 checked!...25 matches found!
node 3 checked!...29 matches found!
node 4 checked!...30 matches found!
node 5 checked!...30 matches found!
node 6 checked!...30 matches found!
node 7 checked!...31 matches found!
node 8 checked!...34 matches found!
node 9 checked!...29 matches found!
node 10 checked!...31 matches found!
node 11 checked!...24 matches found!
node 12 checked!...41 matches found!
node 13 checked!...33 matches found!
node 14 checked!...34 matches found!
node 15 checked!...29 matches found!
node 16 checked!...29 matches found!
node 17 checked!...36 matches found!
node 18 checked!...36 matches found!
```

```
node 19 checked!...26 matches found!
node 20 checked!...29 matches found!
node 21 checked!...31 matches found!
node 22 checked!...31 matches found!
node 23 checked!...32 matches found!
node 24 checked!...33 matches found!
node 25 checked!...27 matches found!
node 26 checked!...32 matches found!
node 27 checked!...24 matches found!
node 28 checked!...29 matches found!
node 29 checked!...27 matches found!
node 30 checked!...28 matches found!

Voting array
--------------
[26 25 29 30 30 30 31 34 29 31 24 41 33 34 29 29 36 36 26 29 31 31 32 33 27
 32 24 29 27 28]

Putative nodes
------------
[ 8 14 17 12 18]

Best matching node from voting array
----------------------------------------
12

Presence of query node in putative nodes
----------------------------------------
Present


Node 12 -> query image 27
------------------------

96 features detected!

Checking for matches...

node 1 checked!...26 matches found!
node 2 checked!...32 matches found!
node 3 checked!...37 matches found!
node 4 checked!...37 matches found!
node 5 checked!...35 matches found!
node 6 checked!...31 matches found!
node 7 checked!...29 matches found!
node 8 checked!...38 matches found!
node 9 checked!...30 matches found!
node 10 checked!...34 matches found!
node 11 checked!...29 matches found!
node 12 checked!...40 matches found!
node 13 checked!...42 matches found!
node 14 checked!...32 matches found!
node 15 checked!...31 matches found!
node 16 checked!...35 matches found!
node 17 checked!...38 matches found!
node 18 checked!...36 matches found!
node 19 checked!...29 matches found!
node 20 checked!...34 matches found!
node 21 checked!...36 matches found!
node 22 checked!...31 matches found!
node 23 checked!...35 matches found!
node 24 checked!...33 matches found!
```

```
node 25 checked!...34 matches found!
node 26 checked!...37 matches found!
node 27 checked!...27 matches found!
node 28 checked!...40 matches found!
node 29 checked!...34 matches found!
node 30 checked!...31 matches found!
```

Voting array

```
[26 32 37 37 35 31 29 38 30 34 29 40 42 32 31 35 38 36 29 34 36 31 35 33 34
 37 27 40 34 31]
```

Putative nodes

```
[ 8 17 28 12 13]
```

Best matching node from voting array

13

Presence of query node in putative nodes

Present

Node 12 -> query image 28
----

97 features detected!

Checking for matches...

```
node 1 checked!...35 matches found!
node 2 checked!...37 matches found!
node 3 checked!...38 matches found!
node 4 checked!...40 matches found!
node 5 checked!...39 matches found!
node 6 checked!...33 matches found!
node 7 checked!...33 matches found!
node 8 checked!...40 matches found!
node 9 checked!...33 matches found!
node 10 checked!...40 matches found!
node 11 checked!...39 matches found!
node 12 checked!...36 matches found!
node 13 checked!...38 matches found!
node 14 checked!...38 matches found!
node 15 checked!...39 matches found!
node 16 checked!...39 matches found!
node 17 checked!...37 matches found!
node 18 checked!...35 matches found!
node 19 checked!...40 matches found!
node 20 checked!...39 matches found!
node 21 checked!...38 matches found!
node 22 checked!...37 matches found!
node 23 checked!...44 matches found!
node 24 checked!...38 matches found!
node 25 checked!...29 matches found!
node 26 checked!...38 matches found!
node 27 checked!...37 matches found!
node 28 checked!...31 matches found!
node 29 checked!...36 matches found!
node 30 checked!...41 matches found!
```

Voting array

[35 37 38 40 39 33 33 40 33 40 39 36 38 38 39 39 37 35 40 39 38 37 44 38 29
 38 37 31 36 41]

Putative nodes

[8 19 23 10 30]

Best matching node from voting array

23

Presence of query node in putative nodes

Absent

Node 12 -> query image 29
----

100 features detected!

Checking for matches...

node 1 checked!...37 matches found!
node 2 checked!...39 matches found!
node 3 checked!...42 matches found!
node 4 checked!...45 matches found!
node 5 checked!...43 matches found!
node 6 checked!...34 matches found!
node 7 checked!...37 matches found!
node 8 checked!...38 matches found!
node 9 checked!...33 matches found!
node 10 checked!...43 matches found!
node 11 checked!...37 matches found!
node 12 checked!...37 matches found!
node 13 checked!...40 matches found!
node 14 checked!...39 matches found!
node 15 checked!...39 matches found!
node 16 checked!...40 matches found!
node 17 checked!...41 matches found!
node 18 checked!...35 matches found!
node 19 checked!...42 matches found!
node 20 checked!...35 matches found!
node 21 checked!...45 matches found!
node 22 checked!...36 matches found!
node 23 checked!...44 matches found!
node 24 checked!...40 matches found!
node 25 checked!...32 matches found!
node 26 checked!...37 matches found!
node 27 checked!...39 matches found!
node 28 checked!...39 matches found!
node 29 checked!...39 matches found!
node 30 checked!...33 matches found!

Voting array

[37 39 42 45 43 34 37 38 33 43 37 37 40 39 39 40 41 35 42 35 45 36 44 40 32
 37 39 39 39 33]

Putative nodes

[10 4 23 5 21]

Best matching node from voting array

4

Presence of query node in putative nodes

Absent

Node 12 -> query image 30
----

98 features detected!

Checking for matches...

node 1 checked!...27 matches found!
node 2 checked!...28 matches found!
node 3 checked!...39 matches found!
node 4 checked!...36 matches found!
node 5 checked!...36 matches found!
node 6 checked!...33 matches found!
node 7 checked!...34 matches found!
node 8 checked!...37 matches found!
node 9 checked!...35 matches found!
node 10 checked!...39 matches found!
node 11 checked!...26 matches found!
node 12 checked!...50 matches found!
node 13 checked!...37 matches found!
node 14 checked!...35 matches found!
node 15 checked!...30 matches found!
node 16 checked!...30 matches found!
node 17 checked!...37 matches found!
node 18 checked!...36 matches found!
node 19 checked!...30 matches found!
node 20 checked!...30 matches found!
node 21 checked!...38 matches found!
node 22 checked!...30 matches found!
node 23 checked!...34 matches found!
node 24 checked!...34 matches found!
node 25 checked!...35 matches found!
node 26 checked!...33 matches found!
node 27 checked!...29 matches found!
node 28 checked!...34 matches found!
node 29 checked!...34 matches found!
node 30 checked!...32 matches found!

Voting array

[27 28 39 36 36 33 34 37 35 39 26 50 37 35 30 30 37 36 30 30 38 30 34 34 35
 33 29 34 34 32]

Putative nodes

[8 21 3 12 10]

Best matching node from voting array

12

Presence of query node in putative nodes

Present

Node 12 -> query image 31
----

91 features detected!

Checking for matches...

node 1 checked!...30 matches found!
node 2 checked!...35 matches found!
node 3 checked!...34 matches found!
node 4 checked!...39 matches found!
node 5 checked!...38 matches found!
node 6 checked!...35 matches found!
node 7 checked!...32 matches found!
node 8 checked!...37 matches found!
node 9 checked!...32 matches found!
node 10 checked!...34 matches found!
node 11 checked!...30 matches found!
node 12 checked!...37 matches found!
node 13 checked!...38 matches found!
node 14 checked!...34 matches found!
node 15 checked!...35 matches found!
node 16 checked!...34 matches found!
node 17 checked!...38 matches found!
node 18 checked!...39 matches found!
node 19 checked!...30 matches found!
node 20 checked!...38 matches found!
node 21 checked!...36 matches found!
node 22 checked!...37 matches found!
node 23 checked!...39 matches found!
node 24 checked!...35 matches found!
node 25 checked!...34 matches found!
node 26 checked!...33 matches found!
node 27 checked!...30 matches found!
node 28 checked!...38 matches found!
node 29 checked!...32 matches found!
node 30 checked!...34 matches found!

Voting array

[30 35 34 39 38 35 32 37 32 34 30 37 38 34 35 34 38 39 30 38 36 37 39 35 34
 33 30 38 32 34]

Putative nodes

[20 4 5 23 18]

Best matching node from voting array

4

Presence of query node in putative nodes

Absent

Node 12 -> query image 32
----

99 features detected!

Checking for matches...

node 1 checked!...37 matches found!
node 2 checked!...40 matches found!
node 3 checked!...39 matches found!
node 4 checked!...40 matches found!
node 5 checked!...41 matches found!
node 6 checked!...35 matches found!
node 7 checked!...34 matches found!
node 8 checked!...40 matches found!
node 9 checked!...34 matches found!
node 10 checked!...42 matches found!
node 11 checked!...37 matches found!
node 12 checked!...35 matches found!
node 13 checked!...39 matches found!
node 14 checked!...40 matches found!
node 15 checked!...37 matches found!
node 16 checked!...40 matches found!
node 17 checked!...38 matches found!
node 18 checked!...38 matches found!
node 19 checked!...40 matches found!
node 20 checked!...36 matches found!
node 21 checked!...38 matches found!
node 22 checked!...35 matches found!
node 23 checked!...42 matches found!
node 24 checked!...40 matches found!
node 25 checked!...33 matches found!
node 26 checked!...35 matches found!
node 27 checked!...39 matches found!
node 28 checked!...35 matches found!
node 29 checked!...38 matches found!
node 30 checked!...37 matches found!

Voting array

[37 40 39 40 41 35 34 40 34 42 37 35 39 40 37 40 38 38 40 36 38 35 42 40 33
 35 39 35 38 37]

Putative nodes

[8 19 5 23 10]

Best matching node from voting array

10

Presence of query node in putative nodes

Absent

Node 12 -> query image 33
----

96 features detected!

Checking for matches...

node 1 checked!...36 matches found!
node 2 checked!...39 matches found!
node 3 checked!...42 matches found!
node 4 checked!...41 matches found!
node 5 checked!...42 matches found!
node 6 checked!...34 matches found!
node 7 checked!...34 matches found!
node 8 checked!...36 matches found!
node 9 checked!...32 matches found!
node 10 checked!...43 matches found!
node 11 checked!...36 matches found!
node 12 checked!...38 matches found!
node 13 checked!...39 matches found!
node 14 checked!...37 matches found!
node 15 checked!...37 matches found!
node 16 checked!...38 matches found!
node 17 checked!...42 matches found!
node 18 checked!...39 matches found!
node 19 checked!...41 matches found!
node 20 checked!...35 matches found!
node 21 checked!...45 matches found!
node 22 checked!...35 matches found!
node 23 checked!...43 matches found!
node 24 checked!...36 matches found!
node 25 checked!...32 matches found!
node 26 checked!...36 matches found!
node 27 checked!...36 matches found!
node 28 checked!...37 matches found!
node 29 checked!...35 matches found!
node 30 checked!...34 matches found!

Voting array

[36 39 42 41 42 34 34 36 32 43 36 38 39 37 37 38 42 39 41 35 45 35 43 36 32
 36 36 37 35 34]

Putative nodes

[17 5 10 23 21]

Best matching node from voting array

21

Presence of query node in putative nodes

Absent

Node 12 -> query image 34
----

77 features detected!

Checking for matches...

node 1 checked!...31 matches found!
node 2 checked!...27 matches found!
node 3 checked!...35 matches found!
node 4 checked!...39 matches found!

```
node 5 checked!...33 matches found!
node 6 checked!...29 matches found!
node 7 checked!...31 matches found!
node 8 checked!...34 matches found!
node 9 checked!...29 matches found!
node 10 checked!...35 matches found!
node 11 checked!...33 matches found!
node 12 checked!...38 matches found!
node 13 checked!...29 matches found!
node 14 checked!...33 matches found!
node 15 checked!...27 matches found!
node 16 checked!...35 matches found!
node 17 checked!...39 matches found!
node 18 checked!...32 matches found!
node 19 checked!...31 matches found!
node 20 checked!...37 matches found!
node 21 checked!...37 matches found!
node 22 checked!...30 matches found!
node 23 checked!...40 matches found!
node 24 checked!...36 matches found!
node 25 checked!...32 matches found!
node 26 checked!...34 matches found!
node 27 checked!...31 matches found!
node 28 checked!...35 matches found!
node 29 checked!...30 matches found!
node 30 checked!...36 matches found!

Voting array
--------------
[31 27 35 39 33 29 31 34 29 35 33 38 29 33 27 35 39 32 31 37 37 30 40 36 32
 34 31 35 30 36]

Putative nodes
------------
[21 12  4 17 23]

Best matching node from voting array
----------------------------------------
23

Presence of query node in putative nodes
----------------------------------------
Present


Node 12 -> query image 35
-----------------------

75 features detected!

Checking for matches...

node 1 checked!...34 matches found!
node 2 checked!...35 matches found!
node 3 checked!...33 matches found!
node 4 checked!...38 matches found!
node 5 checked!...36 matches found!
node 6 checked!...31 matches found!
node 7 checked!...30 matches found!
node 8 checked!...36 matches found!
node 9 checked!...25 matches found!
node 10 checked!...32 matches found!
```

```
node 11 checked!...35 matches found!
node 12 checked!...33 matches found!
node 13 checked!...36 matches found!
node 14 checked!...36 matches found!
node 15 checked!...31 matches found!
node 16 checked!...32 matches found!
node 17 checked!...38 matches found!
node 18 checked!...33 matches found!
node 19 checked!...30 matches found!
node 20 checked!...33 matches found!
node 21 checked!...34 matches found!
node 22 checked!...32 matches found!
node 23 checked!...29 matches found!
node 24 checked!...32 matches found!
node 25 checked!...26 matches found!
node 26 checked!...35 matches found!
node 27 checked!...34 matches found!
node 28 checked!...35 matches found!
node 29 checked!...33 matches found!
node 30 checked!...31 matches found!
```

Voting array

[34 35 33 38 36 31 30 36 25 32 35 33 36 36 31 32 38 33 30 33 34 32 29 32 26
 35 34 35 33 31]

Putative nodes

[13 14 5 17 4]

Best matching node from voting array

4

Presence of query node in putative nodes

Absent

Node 12 -> query image 36
----

92 features detected!

Checking for matches...

```
node 1 checked!...35 matches found!
node 2 checked!...37 matches found!
node 3 checked!...38 matches found!
node 4 checked!...37 matches found!
node 5 checked!...34 matches found!
node 6 checked!...32 matches found!
node 7 checked!...31 matches found!
node 8 checked!...41 matches found!
node 9 checked!...33 matches found!
node 10 checked!...37 matches found!
node 11 checked!...39 matches found!
node 12 checked!...33 matches found!
node 13 checked!...33 matches found!
node 14 checked!...37 matches found!
node 15 checked!...37 matches found!
node 16 checked!...38 matches found!
```

```
node 17 checked!...40 matches found!
node 18 checked!...34 matches found!
node 19 checked!...36 matches found!
node 20 checked!...38 matches found!
node 21 checked!...34 matches found!
node 22 checked!...36 matches found!
node 23 checked!...36 matches found!
node 24 checked!...40 matches found!
node 25 checked!...30 matches found!
node 26 checked!...39 matches found!
node 27 checked!...36 matches found!
node 28 checked!...35 matches found!
node 29 checked!...27 matches found!
node 30 checked!...35 matches found!
```

Voting array

[35 37 38 37 34 32 31 41 33 37 39 33 33 37 37 38 40 34 36 38 34 36 36 40 30
 39 36 35 27 35]

Putative nodes

[26 11 17 24 8]

Best matching node from voting array

8

Presence of query node in putative nodes

Absent

Node 12 -> query image 37
----

50 features detected!

Checking for matches...

```
node 1 checked!...27 matches found!
node 2 checked!...24 matches found!
node 3 checked!...25 matches found!
node 4 checked!...27 matches found!
node 5 checked!...23 matches found!
node 6 checked!...24 matches found!
node 7 checked!...19 matches found!
node 8 checked!...29 matches found!
node 9 checked!...22 matches found!
node 10 checked!...29 matches found!
node 11 checked!...25 matches found!
node 12 checked!...27 matches found!
node 13 checked!...27 matches found!
node 14 checked!...27 matches found!
node 15 checked!...28 matches found!
node 16 checked!...25 matches found!
node 17 checked!...25 matches found!
node 18 checked!...26 matches found!
node 19 checked!...25 matches found!
node 20 checked!...25 matches found!
node 21 checked!...28 matches found!
node 22 checked!...24 matches found!
```

```
node 23 checked!...27 matches found!
node 24 checked!...22 matches found!
node 25 checked!...24 matches found!
node 26 checked!...26 matches found!
node 27 checked!...24 matches found!
node 28 checked!...24 matches found!
node 29 checked!...26 matches found!
node 30 checked!...20 matches found!

Voting array
--------------
[27 24 25 27 23 24 19 29 22 29 25 27 27 27 28 25 25 26 25 25 28 24 27 22 24
 26 24 24 26 20]

Putative nodes
------------
[14 21  8 10 15]

Best matching node from voting array
----------------------------------------
8

Presence of query node in putative nodes
----------------------------------------
Absent


Node 12 -> query image 38
------------------------

62 features detected!

Checking for matches...

node 1 checked!...32 matches found!
node 2 checked!...29 matches found!
node 3 checked!...29 matches found!
node 4 checked!...33 matches found!
node 5 checked!...33 matches found!
node 6 checked!...26 matches found!
node 7 checked!...27 matches found!
node 8 checked!...27 matches found!
node 9 checked!...24 matches found!
node 10 checked!...28 matches found!
node 11 checked!...31 matches found!
node 12 checked!...29 matches found!
node 13 checked!...25 matches found!
node 14 checked!...30 matches found!
node 15 checked!...23 matches found!
node 16 checked!...30 matches found!
node 17 checked!...33 matches found!
node 18 checked!...31 matches found!
node 19 checked!...27 matches found!
node 20 checked!...30 matches found!
node 21 checked!...33 matches found!
node 22 checked!...32 matches found!
node 23 checked!...30 matches found!
node 24 checked!...35 matches found!
node 25 checked!...25 matches found!
node 26 checked!...30 matches found!
node 27 checked!...30 matches found!
node 28 checked!...31 matches found!
```

```
node 29 checked!...32 matches found!
node 30 checked!...25 matches found!

Voting array
--------------
[32 29 29 33 33 26 27 27 24 28 31 29 25 30 23 30 33 31 27 30 33 32 30 35 25
 30 30 31 32 25]

Putative nodes
------------
[ 5 21 17 24  4]

Best matching node from voting array
----------------------------------------
24

Presence of query node in putative nodes
----------------------------------------
Absent


Node 12 -> query image 39
------------------------

68 features detected!

Checking for matches...

node 1 checked!...32 matches found!
node 2 checked!...34 matches found!
node 3 checked!...30 matches found!
node 4 checked!...34 matches found!
node 5 checked!...37 matches found!
node 6 checked!...29 matches found!
node 7 checked!...30 matches found!
node 8 checked!...32 matches found!
node 9 checked!...34 matches found!
node 10 checked!...35 matches found!
node 11 checked!...32 matches found!
node 12 checked!...30 matches found!
node 13 checked!...31 matches found!
node 14 checked!...36 matches found!
node 15 checked!...29 matches found!
node 16 checked!...35 matches found!
node 17 checked!...33 matches found!
node 18 checked!...31 matches found!
node 19 checked!...29 matches found!
node 20 checked!...30 matches found!
node 21 checked!...38 matches found!
node 22 checked!...27 matches found!
node 23 checked!...35 matches found!
node 24 checked!...31 matches found!
node 25 checked!...30 matches found!
node 26 checked!...29 matches found!
node 27 checked!...29 matches found!
node 28 checked!...31 matches found!
node 29 checked!...28 matches found!
node 30 checked!...32 matches found!

Voting array
--------------
[32 34 30 34 37 29 30 32 34 35 32 30 31 36 29 35 33 31 29 30 38 27 35 31 30
```

```
 29 29 31 28 32]
```

Putative nodes

[16 23 14 5 21]

Best matching node from voting array

21

Presence of query node in putative nodes

Absent

Node 12 -> query image 40
----

72 features detected!

Checking for matches...

node 1 checked!...35 matches found!
node 2 checked!...36 matches found!
node 3 checked!...36 matches found!
node 4 checked!...31 matches found!
node 5 checked!...37 matches found!
node 6 checked!...32 matches found!
node 7 checked!...30 matches found!
node 8 checked!...37 matches found!
node 9 checked!...29 matches found!
node 10 checked!...33 matches found!
node 11 checked!...38 matches found!
node 12 checked!...36 matches found!
node 13 checked!...30 matches found!
node 14 checked!...32 matches found!
node 15 checked!...29 matches found!
node 16 checked!...35 matches found!
node 17 checked!...37 matches found!
node 18 checked!...33 matches found!
node 19 checked!...30 matches found!
node 20 checked!...30 matches found!
node 21 checked!...40 matches found!
node 22 checked!...34 matches found!
node 23 checked!...38 matches found!
node 24 checked!...34 matches found!
node 25 checked!...31 matches found!
node 26 checked!...34 matches found!
node 27 checked!...33 matches found!
node 28 checked!...36 matches found!
node 29 checked!...36 matches found!
node 30 checked!...39 matches found!

Voting array

[35 36 36 31 37 32 30 37 29 33 38 36 30 32 29 35 37 33 30 30 40 34 38 34 31
 34 33 36 36 39]

Putative nodes

[5 11 23 21 30]
```

Best matching node from voting array
----------------------------------------
21

Presence of query node in putative nodes
----------------------------------------
Absent


 Node 12 testing completed!


Node 13 -> query image 1
------------------------

46 features detected!

Checking for matches...

node 1 checked!...24 matches found!
node 2 checked!...19 matches found!
node 3 checked!...21 matches found!
node 4 checked!...25 matches found!
node 5 checked!...22 matches found!
node 6 checked!...18 matches found!
node 7 checked!...15 matches found!
node 8 checked!...18 matches found!
node 9 checked!...21 matches found!
node 10 checked!...18 matches found!
node 11 checked!...21 matches found!
node 12 checked!...19 matches found!
node 13 checked!...19 matches found!
node 14 checked!...21 matches found!
node 15 checked!...23 matches found!
node 16 checked!...22 matches found!
node 17 checked!...20 matches found!
node 18 checked!...22 matches found!
node 19 checked!...23 matches found!
node 20 checked!...23 matches found!
node 21 checked!...27 matches found!
node 22 checked!...17 matches found!
node 23 checked!...19 matches found!
node 24 checked!...21 matches found!
node 25 checked!...19 matches found!
node 26 checked!...22 matches found!
node 27 checked!...20 matches found!
node 28 checked!...21 matches found!
node 29 checked!...20 matches found!
node 30 checked!...21 matches found!

Voting array
--------------
[24 19 21 25 22 18 15 18 21 18 21 19 19 21 23 22 20 22 23 23 27 17 19 21 19
 22 20 21 20 21]

Putative nodes
------------
[20 19  1  4 21]

Best matching node from voting array
----------------------------------------
21

Presence of query node in putative nodes
---------------------------------------
Absent


Node 13 -> query image 2
------------------------

27 features detected!

Checking for matches...

node 1 checked!...16 matches found!
node 2 checked!...15 matches found!
node 3 checked!...14 matches found!
node 4 checked!...14 matches found!
node 5 checked!...17 matches found!
node 6 checked!...15 matches found!
node 7 checked!...14 matches found!
node 8 checked!...17 matches found!
node 9 checked!...14 matches found!
node 10 checked!...17 matches found!
node 11 checked!...18 matches found!
node 12 checked!...15 matches found!
node 13 checked!...15 matches found!
node 14 checked!...17 matches found!
node 15 checked!...15 matches found!
node 16 checked!...17 matches found!
node 17 checked!...17 matches found!
node 18 checked!...15 matches found!
node 19 checked!...17 matches found!
node 20 checked!...13 matches found!
node 21 checked!...17 matches found!
node 22 checked!...13 matches found!
node 23 checked!...15 matches found!
node 24 checked!...16 matches found!
node 25 checked!...16 matches found!
node 26 checked!...16 matches found!
node 27 checked!...16 matches found!
node 28 checked!...16 matches found!
node 29 checked!...15 matches found!
node 30 checked!...17 matches found!

Voting array
--------------
[16 15 14 14 17 15 14 17 14 17 18 15 15 17 15 17 17 15 17 13 17 13 15 16 16
 16 16 16 15 17]

Putative nodes
------------
[17 16 30 19 11]

Best matching node from voting array
------------------------------------
11

Presence of query node in putative nodes
---------------------------------------
Absent

Node 13 -> query image 3
------------------------

0 features detected!

Checking for matches...

node 1 checked!...0 matches found!
node 2 checked!...0 matches found!
node 3 checked!...0 matches found!
node 4 checked!...0 matches found!
node 5 checked!...0 matches found!
node 6 checked!...0 matches found!
node 7 checked!...0 matches found!
node 8 checked!...0 matches found!
node 9 checked!...0 matches found!
node 10 checked!...0 matches found!
node 11 checked!...0 matches found!
node 12 checked!...0 matches found!
node 13 checked!...0 matches found!
node 14 checked!...0 matches found!
node 15 checked!...0 matches found!
node 16 checked!...0 matches found!
node 17 checked!...0 matches found!
node 18 checked!...0 matches found!
node 19 checked!...0 matches found!
node 20 checked!...0 matches found!
node 21 checked!...0 matches found!
node 22 checked!...0 matches found!
node 23 checked!...0 matches found!
node 24 checked!...0 matches found!
node 25 checked!...0 matches found!
node 26 checked!...0 matches found!
node 27 checked!...0 matches found!
node 28 checked!...0 matches found!
node 29 checked!...0 matches found!
node 30 checked!...0 matches found!

Voting array
--------------
[0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0]

Unable to predict a matching node and putative nodes!

Node 13 -> query image 4
------------------------

25 features detected!

Checking for matches...

node 1 checked!...12 matches found!
node 2 checked!...15 matches found!
node 3 checked!...16 matches found!
node 4 checked!...15 matches found!
node 5 checked!...17 matches found!
node 6 checked!...13 matches found!
node 7 checked!...13 matches found!
node 8 checked!...17 matches found!
node 9 checked!...14 matches found!
node 10 checked!...14 matches found!
node 11 checked!...16 matches found!

```
node 12 checked!...13 matches found!
node 13 checked!...15 matches found!
node 14 checked!...12 matches found!
node 15 checked!...15 matches found!
node 16 checked!...15 matches found!
node 17 checked!...13 matches found!
node 18 checked!...14 matches found!
node 19 checked!...12 matches found!
node 20 checked!...13 matches found!
node 21 checked!...14 matches found!
node 22 checked!...14 matches found!
node 23 checked!...15 matches found!
node 24 checked!...12 matches found!
node 25 checked!...14 matches found!
node 26 checked!...14 matches found!
node 27 checked!...15 matches found!
node 28 checked!...19 matches found!
node 29 checked!...12 matches found!
node 30 checked!...16 matches found!
```

Voting array

[12 15 16 15 17 13 13 17 14 14 16 13 15 12 15 15 13 14 12 13 14 14 15 12 14
 14 15 19 12 16]

Putative nodes

[30 5 28 11 8]

Best matching node from voting array

28

Presence of query node in putative nodes

Absent

Node 13 -> query image 5
----

9 features detected!

Checking for matches...

```
node 1 checked!...8 matches found!
node 2 checked!...8 matches found!
node 3 checked!...8 matches found!
node 4 checked!...8 matches found!
node 5 checked!...8 matches found!
node 6 checked!...8 matches found!
node 7 checked!...7 matches found!
node 8 checked!...7 matches found!
node 9 checked!...8 matches found!
node 10 checked!...6 matches found!
node 11 checked!...8 matches found!
node 12 checked!...8 matches found!
node 13 checked!...7 matches found!
node 14 checked!...8 matches found!
node 15 checked!...6 matches found!
node 16 checked!...8 matches found!
node 17 checked!...8 matches found!
```

```
node 18 checked!...8 matches found!
node 19 checked!...8 matches found!
node 20 checked!...8 matches found!
node 21 checked!...8 matches found!
node 22 checked!...8 matches found!
node 23 checked!...7 matches found!
node 24 checked!...8 matches found!
node 25 checked!...7 matches found!
node 26 checked!...8 matches found!
node 27 checked!...7 matches found!
node 28 checked!...8 matches found!
node 29 checked!...8 matches found!
node 30 checked!...8 matches found!

Voting array
--------------
[8 8 8 8 8 8 7 7 8 6 8 8 7 8 6 8 8 8 8 8 8 8 7 8 7 8 7 8 8 8]

Putative nodes
------------
[ 2 14 16 12 30]

Best matching node from voting array
--------------------------------------
1

Presence of query node in putative nodes
--------------------------------------
Absent


Node 13 -> query image 6
------------------------

92 features detected!

Checking for matches...

node 1 checked!...39 matches found!
node 2 checked!...34 matches found!
node 3 checked!...36 matches found!
node 4 checked!...43 matches found!
node 5 checked!...37 matches found!
node 6 checked!...34 matches found!
node 7 checked!...35 matches found!
node 8 checked!...36 matches found!
node 9 checked!...32 matches found!
node 10 checked!...36 matches found!
node 11 checked!...38 matches found!
node 12 checked!...34 matches found!
node 13 checked!...38 matches found!
node 14 checked!...38 matches found!
node 15 checked!...34 matches found!
node 16 checked!...35 matches found!
node 17 checked!...39 matches found!
node 18 checked!...38 matches found!
node 19 checked!...32 matches found!
node 20 checked!...31 matches found!
node 21 checked!...37 matches found!
node 22 checked!...37 matches found!
node 23 checked!...42 matches found!
node 24 checked!...40 matches found!
```

```
node 25 checked!...39 matches found!
node 26 checked!...37 matches found!
node 27 checked!...33 matches found!
node 28 checked!...42 matches found!
node 29 checked!...33 matches found!
node 30 checked!...40 matches found!

Voting array
--------------
[39 34 36 43 37 34 35 36 32 36 38 34 38 38 34 35 39 38 32 31 37 37 42 40 39
 37 33 42 33 40]

Putative nodes
------------
[24 23 28  4 30]

Best matching node from voting array
----------------------------------------
4

Presence of query node in putative nodes
----------------------------------------
Absent


Node 13 -> query image 7
------------------------

2 features detected!

Checking for matches...

node 1 checked!...2 matches found!
node 2 checked!...2 matches found!
node 3 checked!...2 matches found!
node 4 checked!...2 matches found!
node 5 checked!...2 matches found!
node 6 checked!...2 matches found!
node 7 checked!...2 matches found!
node 8 checked!...2 matches found!
node 9 checked!...2 matches found!
node 10 checked!...2 matches found!
node 11 checked!...2 matches found!
node 12 checked!...2 matches found!
node 13 checked!...2 matches found!
node 14 checked!...2 matches found!
node 15 checked!...2 matches found!
node 16 checked!...2 matches found!
node 17 checked!...2 matches found!
node 18 checked!...2 matches found!
node 19 checked!...2 matches found!
node 20 checked!...2 matches found!
node 21 checked!...2 matches found!
node 22 checked!...2 matches found!
node 23 checked!...2 matches found!
node 24 checked!...2 matches found!
node 25 checked!...2 matches found!
node 26 checked!...2 matches found!
node 27 checked!...2 matches found!
node 28 checked!...2 matches found!
node 29 checked!...2 matches found!
node 30 checked!...2 matches found!
```

Voting array

[2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2]

Putative nodes

[11 14 12 10 30]

Best matching node from voting array

1

Presence of query node in putative nodes

Absent

Node 13 -> query image 8
----

79 features detected!

Checking for matches...

node 1 checked!...36 matches found!
node 2 checked!...38 matches found!
node 3 checked!...35 matches found!
node 4 checked!...35 matches found!
node 5 checked!...39 matches found!
node 6 checked!...34 matches found!
node 7 checked!...30 matches found!
node 8 checked!...36 matches found!
node 9 checked!...34 matches found!
node 10 checked!...37 matches found!
node 11 checked!...35 matches found!
node 12 checked!...30 matches found!
node 13 checked!...37 matches found!
node 14 checked!...32 matches found!
node 15 checked!...37 matches found!
node 16 checked!...36 matches found!
node 17 checked!...33 matches found!
node 18 checked!...37 matches found!
node 19 checked!...30 matches found!
node 20 checked!...36 matches found!
node 21 checked!...37 matches found!
node 22 checked!...32 matches found!
node 23 checked!...34 matches found!
node 24 checked!...34 matches found!
node 25 checked!...31 matches found!
node 26 checked!...38 matches found!
node 27 checked!...34 matches found!
node 28 checked!...33 matches found!
node 29 checked!...30 matches found!
node 30 checked!...38 matches found!

Voting array

[36 38 35 35 39 34 30 36 34 37 35 30 37 32 37 36 33 37 30 36 37 32 34 34 31
 38 34 33 30 38]

Putative nodes

```
------------
[18 26  2  5 30]
```

Best matching node from voting array

5

Presence of query node in putative nodes

Absent

Node 13 -> query image 9
----

68 features detected!

Checking for matches...

```
node 1 checked!...29 matches found!
node 2 checked!...30 matches found!
node 3 checked!...32 matches found!
node 4 checked!...36 matches found!
node 5 checked!...32 matches found!
node 6 checked!...28 matches found!
node 7 checked!...27 matches found!
node 8 checked!...32 matches found!
node 9 checked!...24 matches found!
node 10 checked!...30 matches found!
node 11 checked!...30 matches found!
node 12 checked!...30 matches found!
node 13 checked!...32 matches found!
node 14 checked!...29 matches found!
node 15 checked!...31 matches found!
node 16 checked!...32 matches found!
node 17 checked!...30 matches found!
node 18 checked!...26 matches found!
node 19 checked!...27 matches found!
node 20 checked!...28 matches found!
node 21 checked!...35 matches found!
node 22 checked!...31 matches found!
node 23 checked!...32 matches found!
node 24 checked!...29 matches found!
node 25 checked!...26 matches found!
node 26 checked!...31 matches found!
node 27 checked!...31 matches found!
node 28 checked!...32 matches found!
node 29 checked!...23 matches found!
node 30 checked!...32 matches found!
```

Voting array

```
[29 30 32 36 32 28 27 32 24 30 30 30 32 29 31 32 30 26 27 28 35 31 32 29 26
 31 31 32 23 32]
```

Putative nodes

```
[23 13 16  4 21]
```

Best matching node from voting array

4

Presence of query node in putative nodes

Present

Node 13 -> query image 10
----

67 features detected!

Checking for matches...

node 1 checked!...29 matches found!
node 2 checked!...29 matches found!
node 3 checked!...34 matches found!
node 4 checked!...33 matches found!
node 5 checked!...39 matches found!
node 6 checked!...28 matches found!
node 7 checked!...30 matches found!
node 8 checked!...29 matches found!
node 9 checked!...25 matches found!
node 10 checked!...29 matches found!
node 11 checked!...29 matches found!
node 12 checked!...28 matches found!
node 13 checked!...30 matches found!
node 14 checked!...34 matches found!
node 15 checked!...32 matches found!
node 16 checked!...34 matches found!
node 17 checked!...32 matches found!
node 18 checked!...29 matches found!
node 19 checked!...33 matches found!
node 20 checked!...31 matches found!
node 21 checked!...30 matches found!
node 22 checked!...30 matches found!
node 23 checked!...32 matches found!
node 24 checked!...32 matches found!
node 25 checked!...26 matches found!
node 26 checked!...26 matches found!
node 27 checked!...30 matches found!
node 28 checked!...31 matches found!
node 29 checked!...27 matches found!
node 30 checked!...31 matches found!

Voting array

[29 29 34 33 39 28 30 29 25 29 29 28 30 34 32 34 32 29 33 31 30 30 32 32 26
 26 30 31 27 31]

Putative nodes

[19 5 14 3 16]

Best matching node from voting array

5

Presence of query node in putative nodes

Absent

Node 13 -> query image 11
----

77 features detected!

Checking for matches...

node 1 checked!...36 matches found!
node 2 checked!...28 matches found!
node 3 checked!...28 matches found!
node 4 checked!...35 matches found!
node 5 checked!...36 matches found!
node 6 checked!...30 matches found!
node 7 checked!...32 matches found!
node 8 checked!...32 matches found!
node 9 checked!...30 matches found!
node 10 checked!...34 matches found!
node 11 checked!...34 matches found!
node 12 checked!...34 matches found!
node 13 checked!...35 matches found!
node 14 checked!...33 matches found!
node 15 checked!...35 matches found!
node 16 checked!...33 matches found!
node 17 checked!...39 matches found!
node 18 checked!...34 matches found!
node 19 checked!...27 matches found!
node 20 checked!...32 matches found!
node 21 checked!...32 matches found!
node 22 checked!...37 matches found!
node 23 checked!...35 matches found!
node 24 checked!...33 matches found!
node 25 checked!...34 matches found!
node 26 checked!...32 matches found!
node 27 checked!...32 matches found!
node 28 checked!...37 matches found!
node 29 checked!...29 matches found!
node 30 checked!...32 matches found!

Voting array

[36 28 28 35 36 30 32 32 30 34 34 34 35 33 35 33 39 34 27 32 32 37 35 33 34
 32 32 37 29 32]

Putative nodes

[5 1 28 17 22]

Best matching node from voting array

17

Presence of query node in putative nodes

Absent

Node 13 -> query image 12
----

88 features detected!

Checking for matches...

```
node 1 checked!...37 matches found!
node 2 checked!...37 matches found!
node 3 checked!...35 matches found!
node 4 checked!...41 matches found!
node 5 checked!...40 matches found!
node 6 checked!...34 matches found!
node 7 checked!...31 matches found!
node 8 checked!...39 matches found!
node 9 checked!...27 matches found!
node 10 checked!...38 matches found!
node 11 checked!...39 matches found!
node 12 checked!...36 matches found!
node 13 checked!...37 matches found!
node 14 checked!...36 matches found!
node 15 checked!...31 matches found!
node 16 checked!...37 matches found!
node 17 checked!...35 matches found!
node 18 checked!...37 matches found!
node 19 checked!...35 matches found!
node 20 checked!...30 matches found!
node 21 checked!...42 matches found!
node 22 checked!...30 matches found!
node 23 checked!...32 matches found!
node 24 checked!...34 matches found!
node 25 checked!...34 matches found!
node 26 checked!...39 matches found!
node 27 checked!...38 matches found!
node 28 checked!...36 matches found!
node 29 checked!...30 matches found!
node 30 checked!...40 matches found!
```

Voting array

[37 37 35 41 40 34 31 39 27 38 39 36 37 36 31 37 35 37 35 30 42 30 32 34 34
 39 38 36 30 40]

Putative nodes

[26 30 5 4 21]

Best matching node from voting array

21

Presence of query node in putative nodes

Absent

Node 13 -> query image 13
----

59 features detected!

Checking for matches...

```
node 1 checked!...26 matches found!
node 2 checked!...25 matches found!
node 3 checked!...27 matches found!
node 4 checked!...27 matches found!
node 5 checked!...28 matches found!
```

```
node 6 checked!...22 matches found!
node 7 checked!...19 matches found!
node 8 checked!...29 matches found!
node 9 checked!...21 matches found!
node 10 checked!...28 matches found!
node 11 checked!...29 matches found!
node 12 checked!...23 matches found!
node 13 checked!...24 matches found!
node 14 checked!...25 matches found!
node 15 checked!...25 matches found!
node 16 checked!...25 matches found!
node 17 checked!...25 matches found!
node 18 checked!...28 matches found!
node 19 checked!...25 matches found!
node 20 checked!...24 matches found!
node 21 checked!...27 matches found!
node 22 checked!...22 matches found!
node 23 checked!...29 matches found!
node 24 checked!...27 matches found!
node 25 checked!...26 matches found!
node 26 checked!...27 matches found!
node 27 checked!...28 matches found!
node 28 checked!...25 matches found!
node 29 checked!...23 matches found!
node 30 checked!...29 matches found!
```

Voting array

[26 25 27 27 28 22 19 29 21 28 29 23 24 25 25 25 25 28 25 24 27 22 29 27 26
 27 28 25 23 29]

Putative nodes

[10 8 11 23 30]

Best matching node from voting array

8

Presence of query node in putative nodes

Absent

Node 13 -> query image 14
----

67 features detected!

Checking for matches...

```
node 1 checked!...30 matches found!
node 2 checked!...32 matches found!
node 3 checked!...35 matches found!
node 4 checked!...36 matches found!
node 5 checked!...31 matches found!
node 6 checked!...35 matches found!
node 7 checked!...42 matches found!
node 8 checked!...31 matches found!
node 9 checked!...32 matches found!
node 10 checked!...34 matches found!
node 11 checked!...35 matches found!
```

```
node 12 checked!...33 matches found!
node 13 checked!...37 matches found!
node 14 checked!...30 matches found!
node 15 checked!...34 matches found!
node 16 checked!...35 matches found!
node 17 checked!...35 matches found!
node 18 checked!...37 matches found!
node 19 checked!...33 matches found!
node 20 checked!...32 matches found!
node 21 checked!...34 matches found!
node 22 checked!...29 matches found!
node 23 checked!...37 matches found!
node 24 checked!...38 matches found!
node 25 checked!...35 matches found!
node 26 checked!...32 matches found!
node 27 checked!...38 matches found!
node 28 checked!...36 matches found!
node 29 checked!...32 matches found!
node 30 checked!...39 matches found!
```

Voting array

[30 32 35 36 31 35 42 31 32 34 35 33 37 30 34 35 35 37 33 32 34 29 37 38 35
 32 38 36 32 39]

Putative nodes

[18 27 24 7 30]

Best matching node from voting array

7

Presence of query node in putative nodes

Absent

Node 13 -> query image 15
----

69 features detected!

Checking for matches...

```
node 1 checked!...27 matches found!
node 2 checked!...33 matches found!
node 3 checked!...33 matches found!
node 4 checked!...32 matches found!
node 5 checked!...32 matches found!
node 6 checked!...25 matches found!
node 7 checked!...26 matches found!
node 8 checked!...31 matches found!
node 9 checked!...26 matches found!
node 10 checked!...32 matches found!
node 11 checked!...34 matches found!
node 12 checked!...26 matches found!
node 13 checked!...30 matches found!
node 14 checked!...30 matches found!
node 15 checked!...27 matches found!
node 16 checked!...32 matches found!
node 17 checked!...34 matches found!
```

```
node 18 checked!...32 matches found!
node 19 checked!...27 matches found!
node 20 checked!...31 matches found!
node 21 checked!...33 matches found!
node 22 checked!...34 matches found!
node 23 checked!...34 matches found!
node 24 checked!...32 matches found!
node 25 checked!...30 matches found!
node 26 checked!...31 matches found!
node 27 checked!...29 matches found!
node 28 checked!...33 matches found!
node 29 checked!...30 matches found!
node 30 checked!...30 matches found!

Voting array
--------------
[27 33 33 32 32 25 26 31 26 32 34 26 30 30 27 32 34 32 27 31 33 34 34 32 30
 31 29 33 30 30]

Putative nodes
------------
[21 17 11 22 23]

Best matching node from voting array
----------------------------------------
11

Presence of query node in putative nodes
----------------------------------------
Absent


Node 13 -> query image 16
------------------------

90 features detected!

Checking for matches...

node 1 checked!...29 matches found!
node 2 checked!...34 matches found!
node 3 checked!...35 matches found!
node 4 checked!...39 matches found!
node 5 checked!...37 matches found!
node 6 checked!...34 matches found!
node 7 checked!...33 matches found!
node 8 checked!...35 matches found!
node 9 checked!...31 matches found!
node 10 checked!...34 matches found!
node 11 checked!...35 matches found!
node 12 checked!...35 matches found!
node 13 checked!...35 matches found!
node 14 checked!...35 matches found!
node 15 checked!...35 matches found!
node 16 checked!...41 matches found!
node 17 checked!...34 matches found!
node 18 checked!...37 matches found!
node 19 checked!...37 matches found!
node 20 checked!...32 matches found!
node 21 checked!...35 matches found!
node 22 checked!...31 matches found!
node 23 checked!...40 matches found!
```

```
node 24 checked!...35 matches found!
node 25 checked!...30 matches found!
node 26 checked!...35 matches found!
node 27 checked!...31 matches found!
node 28 checked!...38 matches found!
node 29 checked!...34 matches found!
node 30 checked!...37 matches found!

Voting array
--------------
[29 34 35 39 37 34 33 35 31 34 35 35 35 35 35 41 34 37 37 32 35 31 40 35 30
 35 31 38 34 37]

Putative nodes
------------
[18 28  4 23 16]

Best matching node from voting array
----------------------------------------
16

Presence of query node in putative nodes
----------------------------------------
Absent


Node 13 -> query image 17
------------------------

92 features detected!

Checking for matches...

node 1 checked!...37 matches found!
node 2 checked!...35 matches found!
node 3 checked!...36 matches found!
node 4 checked!...40 matches found!
node 5 checked!...38 matches found!
node 6 checked!...32 matches found!
node 7 checked!...31 matches found!
node 8 checked!...38 matches found!
node 9 checked!...30 matches found!
node 10 checked!...33 matches found!
node 11 checked!...37 matches found!
node 12 checked!...34 matches found!
node 13 checked!...37 matches found!
node 14 checked!...35 matches found!
node 15 checked!...36 matches found!
node 16 checked!...38 matches found!
node 17 checked!...35 matches found!
node 18 checked!...35 matches found!
node 19 checked!...35 matches found!
node 20 checked!...37 matches found!
node 21 checked!...35 matches found!
node 22 checked!...30 matches found!
node 23 checked!...38 matches found!
node 24 checked!...36 matches found!
node 25 checked!...31 matches found!
node 26 checked!...35 matches found!
node 27 checked!...38 matches found!
node 28 checked!...35 matches found!
node 29 checked!...30 matches found!
```

node 30 checked!...39 matches found!

Voting array

[37 35 36 40 38 32 31 38 30 33 37 34 37 35 36 38 35 35 35 37 35 30 38 36 31
 35 38 35 30 39]

Putative nodes

[23 16 8 4 30]

Best matching node from voting array

4

Presence of query node in putative nodes

Absent

Node 13 -> query image 18
----

93 features detected!

Checking for matches...

node 1 checked!...39 matches found!
node 2 checked!...36 matches found!
node 3 checked!...35 matches found!
node 4 checked!...39 matches found!
node 5 checked!...38 matches found!
node 6 checked!...36 matches found!
node 7 checked!...31 matches found!
node 8 checked!...40 matches found!
node 9 checked!...31 matches found!
node 10 checked!...36 matches found!
node 11 checked!...36 matches found!
node 12 checked!...32 matches found!
node 13 checked!...35 matches found!
node 14 checked!...35 matches found!
node 15 checked!...35 matches found!
node 16 checked!...37 matches found!
node 17 checked!...34 matches found!
node 18 checked!...37 matches found!
node 19 checked!...36 matches found!
node 20 checked!...37 matches found!
node 21 checked!...43 matches found!
node 22 checked!...34 matches found!
node 23 checked!...39 matches found!
node 24 checked!...36 matches found!
node 25 checked!...34 matches found!
node 26 checked!...35 matches found!
node 27 checked!...38 matches found!
node 28 checked!...37 matches found!
node 29 checked!...33 matches found!
node 30 checked!...40 matches found!

Voting array

[39 36 35 39 38 36 31 40 31 36 36 32 35 35 35 37 34 37 36 37 43 34 39 36 34
 35 38 37 33 40]

Putative nodes

[4 23 8 21 30]

Best matching node from voting array

21

Presence of query node in putative nodes

Absent

Node 13 -> query image 19
----

87 features detected!

Checking for matches...

node 1 checked!...35 matches found!
node 2 checked!...35 matches found!
node 3 checked!...37 matches found!
node 4 checked!...39 matches found!
node 5 checked!...35 matches found!
node 6 checked!...34 matches found!
node 7 checked!...40 matches found!
node 8 checked!...37 matches found!
node 9 checked!...33 matches found!
node 10 checked!...36 matches found!
node 11 checked!...35 matches found!
node 12 checked!...32 matches found!
node 13 checked!...42 matches found!
node 14 checked!...37 matches found!
node 15 checked!...38 matches found!
node 16 checked!...39 matches found!
node 17 checked!...36 matches found!
node 18 checked!...36 matches found!
node 19 checked!...40 matches found!
node 20 checked!...37 matches found!
node 21 checked!...40 matches found!
node 22 checked!...36 matches found!
node 23 checked!...41 matches found!
node 24 checked!...37 matches found!
node 25 checked!...38 matches found!
node 26 checked!...41 matches found!
node 27 checked!...39 matches found!
node 28 checked!...35 matches found!
node 29 checked!...35 matches found!
node 30 checked!...42 matches found!

Voting array

[35 35 37 39 35 34 40 37 33 36 35 32 42 37 38 39 36 36 40 37 40 36 41 37 38
 41 39 35 35 42]

Putative nodes

[19 23 26 13 30]

Best matching node from voting array

```
-----------------------------------------
13

Presence of query node in putative nodes
-----------------------------------------
Present


Node 13 -> query image 20
-------------------------

97 features detected!

Checking for matches...

node 1 checked!...37 matches found!
node 2 checked!...38 matches found!
node 3 checked!...35 matches found!
node 4 checked!...42 matches found!
node 5 checked!...35 matches found!
node 6 checked!...32 matches found!
node 7 checked!...32 matches found!
node 8 checked!...40 matches found!
node 9 checked!...31 matches found!
node 10 checked!...38 matches found!
node 11 checked!...40 matches found!
node 12 checked!...36 matches found!
node 13 checked!...43 matches found!
node 14 checked!...40 matches found!
node 15 checked!...33 matches found!
node 16 checked!...41 matches found!
node 17 checked!...39 matches found!
node 18 checked!...32 matches found!
node 19 checked!...32 matches found!
node 20 checked!...37 matches found!
node 21 checked!...44 matches found!
node 22 checked!...37 matches found!
node 23 checked!...42 matches found!
node 24 checked!...41 matches found!
node 25 checked!...32 matches found!
node 26 checked!...34 matches found!
node 27 checked!...38 matches found!
node 28 checked!...33 matches found!
node 29 checked!...32 matches found!
node 30 checked!...37 matches found!

Voting array
--------------
[37 38 35 42 35 32 32 40 31 38 40 36 43 40 33 41 39 32 32 37 44 37 42 41 32
 34 38 33 32 37]

Putative nodes
------------
[16 23  4 13 21]

Best matching node from voting array
-----------------------------------------
21

Presence of query node in putative nodes
-----------------------------------------
Present
```

Node 13 -> query image 21
----

93 features detected!

Checking for matches...

node 1 checked!...34 matches found!
node 2 checked!...36 matches found!
node 3 checked!...33 matches found!
node 4 checked!...42 matches found!
node 5 checked!...37 matches found!
node 6 checked!...37 matches found!
node 7 checked!...38 matches found!
node 8 checked!...37 matches found!
node 9 checked!...32 matches found!
node 10 checked!...38 matches found!
node 11 checked!...34 matches found!
node 12 checked!...38 matches found!
node 13 checked!...43 matches found!
node 14 checked!...36 matches found!
node 15 checked!...35 matches found!
node 16 checked!...43 matches found!
node 17 checked!...39 matches found!
node 18 checked!...44 matches found!
node 19 checked!...36 matches found!
node 20 checked!...39 matches found!
node 21 checked!...37 matches found!
node 22 checked!...37 matches found!
node 23 checked!...45 matches found!
node 24 checked!...35 matches found!
node 25 checked!...32 matches found!
node 26 checked!...34 matches found!
node 27 checked!...38 matches found!
node 28 checked!...37 matches found!
node 29 checked!...33 matches found!
node 30 checked!...41 matches found!

Voting array

[34 36 33 42 37 37 38 37 32 38 34 38 43 36 35 43 39 44 36 39 37 37 45 35 32
 34 38 37 33 41]

Putative nodes

[4 16 13 18 23]

Best matching node from voting array

23

Presence of query node in putative nodes

Present

Node 13 -> query image 22
----

95 features detected!

Checking for matches...

node 1 checked!...36 matches found!
node 2 checked!...36 matches found!
node 3 checked!...40 matches found!
node 4 checked!...40 matches found!
node 5 checked!...41 matches found!
node 6 checked!...32 matches found!
node 7 checked!...32 matches found!
node 8 checked!...37 matches found!
node 9 checked!...33 matches found!
node 10 checked!...32 matches found!
node 11 checked!...40 matches found!
node 12 checked!...34 matches found!
node 13 checked!...39 matches found!
node 14 checked!...34 matches found!
node 15 checked!...36 matches found!
node 16 checked!...42 matches found!
node 17 checked!...38 matches found!
node 18 checked!...37 matches found!
node 19 checked!...32 matches found!
node 20 checked!...33 matches found!
node 21 checked!...35 matches found!
node 22 checked!...31 matches found!
node 23 checked!...38 matches found!
node 24 checked!...37 matches found!
node 25 checked!...38 matches found!
node 26 checked!...36 matches found!
node 27 checked!...39 matches found!
node 28 checked!...37 matches found!
node 29 checked!...31 matches found!
node 30 checked!...41 matches found!

Voting array

[36 36 40 40 41 32 32 37 33 32 40 34 39 34 36 42 38 37 32 33 35 31 38 37 38
 36 39 37 31 41]

Putative nodes

[4 3 30 5 16]

Best matching node from voting array

16

Presence of query node in putative nodes

Absent

Node 13 -> query image 23
----

93 features detected!

Checking for matches...

node 1 checked!...37 matches found!
node 2 checked!...37 matches found!
node 3 checked!...34 matches found!

```
node 4 checked!...39 matches found!
node 5 checked!...36 matches found!
node 6 checked!...37 matches found!
node 7 checked!...34 matches found!
node 8 checked!...39 matches found!
node 9 checked!...33 matches found!
node 10 checked!...35 matches found!
node 11 checked!...39 matches found!
node 12 checked!...34 matches found!
node 13 checked!...33 matches found!
node 14 checked!...36 matches found!
node 15 checked!...36 matches found!
node 16 checked!...41 matches found!
node 17 checked!...37 matches found!
node 18 checked!...34 matches found!
node 19 checked!...36 matches found!
node 20 checked!...40 matches found!
node 21 checked!...42 matches found!
node 22 checked!...34 matches found!
node 23 checked!...37 matches found!
node 24 checked!...36 matches found!
node 25 checked!...33 matches found!
node 26 checked!...39 matches found!
node 27 checked!...38 matches found!
node 28 checked!...36 matches found!
node 29 checked!...34 matches found!
node 30 checked!...40 matches found!

Voting array
--------------
[37 37 34 39 36 37 34 39 33 35 39 34 33 36 36 41 37 34 36 40 42 34 37 36 33
 39 38 36 34 40]

Putative nodes
------------
[ 8 30 20 21 16]

Best matching node from voting array
----------------------------------------
21

Presence of query node in putative nodes
----------------------------------------
Absent


Node 13 -> query image 24
------------------------

95 features detected!

Checking for matches...

node 1 checked!...37 matches found!
node 2 checked!...33 matches found!
node 3 checked!...39 matches found!
node 4 checked!...40 matches found!
node 5 checked!...42 matches found!
node 6 checked!...38 matches found!
node 7 checked!...38 matches found!
node 8 checked!...40 matches found!
node 9 checked!...31 matches found!
```

```
node 10 checked!...36 matches found!
node 11 checked!...33 matches found!
node 12 checked!...41 matches found!
node 13 checked!...37 matches found!
node 14 checked!...42 matches found!
node 15 checked!...35 matches found!
node 16 checked!...38 matches found!
node 17 checked!...45 matches found!
node 18 checked!...42 matches found!
node 19 checked!...38 matches found!
node 20 checked!...35 matches found!
node 21 checked!...44 matches found!
node 22 checked!...34 matches found!
node 23 checked!...46 matches found!
node 24 checked!...41 matches found!
node 25 checked!...39 matches found!
node 26 checked!...38 matches found!
node 27 checked!...40 matches found!
node 28 checked!...32 matches found!
node 29 checked!...34 matches found!
node 30 checked!...41 matches found!
```

Voting array

[37 33 39 40 42 38 38 40 31 36 33 41 37 42 35 38 45 42 38 35 44 34 46 41 39
 38 40 32 34 41]

Putative nodes

[14 5 21 17 23]

Best matching node from voting array

23

Presence of query node in putative nodes

Absent

Node 13 -> query image 25
----

89 features detected!

Checking for matches...

```
node 1 checked!...36 matches found!
node 2 checked!...36 matches found!
node 3 checked!...38 matches found!
node 4 checked!...37 matches found!
node 5 checked!...34 matches found!
node 6 checked!...35 matches found!
node 7 checked!...33 matches found!
node 8 checked!...40 matches found!
node 9 checked!...30 matches found!
node 10 checked!...34 matches found!
node 11 checked!...36 matches found!
node 12 checked!...35 matches found!
node 13 checked!...43 matches found!
node 14 checked!...39 matches found!
node 15 checked!...32 matches found!
```

```
node 16 checked!...40 matches found!
node 17 checked!...36 matches found!
node 18 checked!...38 matches found!
node 19 checked!...34 matches found!
node 20 checked!...33 matches found!
node 21 checked!...39 matches found!
node 22 checked!...36 matches found!
node 23 checked!...42 matches found!
node 24 checked!...38 matches found!
node 25 checked!...32 matches found!
node 26 checked!...33 matches found!
node 27 checked!...36 matches found!
node 28 checked!...34 matches found!
node 29 checked!...32 matches found!
node 30 checked!...37 matches found!

Voting array
--------------
[36 36 38 37 34 35 33 40 30 34 36 35 43 39 32 40 36 38 34 33 39 36 42 38 32
 33 36 34 32 37]

Putative nodes
------------
[21 16 13 23  8]

Best matching node from voting array
----------------------------------------
13

Presence of query node in putative nodes
----------------------------------------
Present


Node 13 -> query image 26
------------------------

94 features detected!

Checking for matches...

node 1 checked!...37 matches found!
node 2 checked!...36 matches found!
node 3 checked!...37 matches found!
node 4 checked!...39 matches found!
node 5 checked!...38 matches found!
node 6 checked!...35 matches found!
node 7 checked!...33 matches found!
node 8 checked!...33 matches found!
node 9 checked!...30 matches found!
node 10 checked!...38 matches found!
node 11 checked!...40 matches found!
node 12 checked!...41 matches found!
node 13 checked!...38 matches found!
node 14 checked!...40 matches found!
node 15 checked!...38 matches found!
node 16 checked!...38 matches found!
node 17 checked!...38 matches found!
node 18 checked!...41 matches found!
node 19 checked!...36 matches found!
node 20 checked!...38 matches found!
node 21 checked!...36 matches found!
```

```
node 22 checked!...36 matches found!
node 23 checked!...42 matches found!
node 24 checked!...40 matches found!
node 25 checked!...33 matches found!
node 26 checked!...36 matches found!
node 27 checked!...38 matches found!
node 28 checked!...40 matches found!
node 29 checked!...35 matches found!
node 30 checked!...34 matches found!

Voting array
--------------
[37 36 37 39 38 35 33 33 30 38 40 41 38 40 38 38 38 41 36 38 36 36 42 40 33
 36 38 40 35 34]

Putative nodes
------------
[11 12 24 23 18]

Best matching node from voting array
----------------------------------------
23

Presence of query node in putative nodes
----------------------------------------
Absent


Node 13 -> query image 27
------------------------

98 features detected!

Checking for matches...

node 1 checked!...37 matches found!
node 2 checked!...38 matches found!
node 3 checked!...43 matches found!
node 4 checked!...38 matches found!
node 5 checked!...35 matches found!
node 6 checked!...32 matches found!
node 7 checked!...32 matches found!
node 8 checked!...41 matches found!
node 9 checked!...31 matches found!
node 10 checked!...34 matches found!
node 11 checked!...40 matches found!
node 12 checked!...41 matches found!
node 13 checked!...41 matches found!
node 14 checked!...38 matches found!
node 15 checked!...37 matches found!
node 16 checked!...41 matches found!
node 17 checked!...39 matches found!
node 18 checked!...39 matches found!
node 19 checked!...34 matches found!
node 20 checked!...34 matches found!
node 21 checked!...38 matches found!
node 22 checked!...32 matches found!
node 23 checked!...38 matches found!
node 24 checked!...38 matches found!
node 25 checked!...34 matches found!
node 26 checked!...36 matches found!
node 27 checked!...40 matches found!
```

```
node 28 checked!...36 matches found!
node 29 checked!...32 matches found!
node 30 checked!...39 matches found!

Voting array
--------------
[37 38 43 38 35 32 32 41 31 34 40 41 41 38 37 41 39 39 34 34 38 32 38 38 34
 36 40 36 32 39]

Putative nodes
------------
[ 8 16 13  3 12]

Best matching node from voting array
----------------------------------------
3

Presence of query node in putative nodes
----------------------------------------
Present


Node 13 -> query image 28
------------------------

84 features detected!

Checking for matches...

node 1 checked!...40 matches found!
node 2 checked!...37 matches found!
node 3 checked!...37 matches found!
node 4 checked!...39 matches found!
node 5 checked!...36 matches found!
node 6 checked!...38 matches found!
node 7 checked!...30 matches found!
node 8 checked!...38 matches found!
node 9 checked!...35 matches found!
node 10 checked!...33 matches found!
node 11 checked!...36 matches found!
node 12 checked!...31 matches found!
node 13 checked!...38 matches found!
node 14 checked!...37 matches found!
node 15 checked!...39 matches found!
node 16 checked!...39 matches found!
node 17 checked!...31 matches found!
node 18 checked!...35 matches found!
node 19 checked!...31 matches found!
node 20 checked!...35 matches found!
node 21 checked!...43 matches found!
node 22 checked!...35 matches found!
node 23 checked!...37 matches found!
node 24 checked!...35 matches found!
node 25 checked!...31 matches found!
node 26 checked!...37 matches found!
node 27 checked!...37 matches found!
node 28 checked!...34 matches found!
node 29 checked!...29 matches found!
node 30 checked!...37 matches found!

Voting array
--------------
```

```
[40 37 37 39 36 38 30 38 35 33 36 31 38 37 39 39 31 35 31 35 43 35 37 35 31
 37 37 34 29 37]
```

Putative nodes

```
[15 21 16  4  1]
```

Best matching node from voting array

21

Presence of query node in putative nodes

Absent

Node 13 -> query image 29
----

81 features detected!

Checking for matches...

node 1 checked!...34 matches found!
node 2 checked!...32 matches found!
node 3 checked!...36 matches found!
node 4 checked!...38 matches found!
node 5 checked!...38 matches found!
node 6 checked!...36 matches found!
node 7 checked!...34 matches found!
node 8 checked!...41 matches found!
node 9 checked!...29 matches found!
node 10 checked!...30 matches found!
node 11 checked!...30 matches found!
node 12 checked!...38 matches found!
node 13 checked!...39 matches found!
node 14 checked!...33 matches found!
node 15 checked!...35 matches found!
node 16 checked!...36 matches found!
node 17 checked!...40 matches found!
node 18 checked!...35 matches found!
node 19 checked!...29 matches found!
node 20 checked!...33 matches found!
node 21 checked!...38 matches found!
node 22 checked!...31 matches found!
node 23 checked!...40 matches found!
node 24 checked!...38 matches found!
node 25 checked!...38 matches found!
node 26 checked!...35 matches found!
node 27 checked!...35 matches found!
node 28 checked!...33 matches found!
node 29 checked!...36 matches found!
node 30 checked!...38 matches found!
```

Voting array

```
[34 32 36 38 38 36 34 41 29 30 30 38 39 33 35 36 40 35 29 33 38 31 40 38 38
 35 35 33 36 38]
```

Putative nodes

```
[12 13 23 17  8]
```

Best matching node from voting array

8

Presence of query node in putative nodes

Present

Node 13 -> query image 30
----

96 features detected!

Checking for matches...

node 1 checked!...36 matches found!
node 2 checked!...37 matches found!
node 3 checked!...36 matches found!
node 4 checked!...36 matches found!
node 5 checked!...42 matches found!
node 6 checked!...35 matches found!
node 7 checked!...36 matches found!
node 8 checked!...35 matches found!
node 9 checked!...31 matches found!
node 10 checked!...34 matches found!
node 11 checked!...39 matches found!
node 12 checked!...46 matches found!
node 13 checked!...38 matches found!
node 14 checked!...41 matches found!
node 15 checked!...36 matches found!
node 16 checked!...35 matches found!
node 17 checked!...43 matches found!
node 18 checked!...42 matches found!
node 19 checked!...36 matches found!
node 20 checked!...36 matches found!
node 21 checked!...38 matches found!
node 22 checked!...34 matches found!
node 23 checked!...41 matches found!
node 24 checked!...43 matches found!
node 25 checked!...32 matches found!
node 26 checked!...35 matches found!
node 27 checked!...41 matches found!
node 28 checked!...36 matches found!
node 29 checked!...36 matches found!
node 30 checked!...37 matches found!

Voting array

[36 37 36 36 42 35 36 35 31 34 39 46 38 41 36 35 43 42 36 36 38 34 41 43 32
 35 41 36 36 37]

Putative nodes

[18 5 24 17 12]

Best matching node from voting array

12

Presence of query node in putative nodes

Absent

Node 13 -> query image 31
----

95 features detected!

Checking for matches...

node 1 checked!...39 matches found!
node 2 checked!...37 matches found!
node 3 checked!...41 matches found!
node 4 checked!...39 matches found!
node 5 checked!...35 matches found!
node 6 checked!...34 matches found!
node 7 checked!...31 matches found!
node 8 checked!...36 matches found!
node 9 checked!...29 matches found!
node 10 checked!...31 matches found!
node 11 checked!...42 matches found!
node 12 checked!...34 matches found!
node 13 checked!...40 matches found!
node 14 checked!...36 matches found!
node 15 checked!...40 matches found!
node 16 checked!...42 matches found!
node 17 checked!...41 matches found!
node 18 checked!...38 matches found!
node 19 checked!...39 matches found!
node 20 checked!...36 matches found!
node 21 checked!...36 matches found!
node 22 checked!...32 matches found!
node 23 checked!...42 matches found!
node 24 checked!...39 matches found!
node 25 checked!...39 matches found!
node 26 checked!...38 matches found!
node 27 checked!...40 matches found!
node 28 checked!...37 matches found!
node 29 checked!...32 matches found!
node 30 checked!...39 matches found!

Voting array

[39 37 41 39 35 34 31 36 29 31 42 34 40 36 40 42 41 38 39 36 36 32 42 39 39
 38 40 37 32 39]

Putative nodes

[3 17 23 11 16]

Best matching node from voting array

11

Presence of query node in putative nodes

Absent

Node 13 -> query image 32
----

97 features detected!

Checking for matches...

node 1 checked!...39 matches found!
node 2 checked!...38 matches found!
node 3 checked!...41 matches found!
node 4 checked!...37 matches found!
node 5 checked!...35 matches found!
node 6 checked!...38 matches found!
node 7 checked!...34 matches found!
node 8 checked!...42 matches found!
node 9 checked!...34 matches found!
node 10 checked!...32 matches found!
node 11 checked!...34 matches found!
node 12 checked!...30 matches found!
node 13 checked!...44 matches found!
node 14 checked!...38 matches found!
node 15 checked!...38 matches found!
node 16 checked!...39 matches found!
node 17 checked!...31 matches found!
node 18 checked!...40 matches found!
node 19 checked!...35 matches found!
node 20 checked!...38 matches found!
node 21 checked!...47 matches found!
node 22 checked!...34 matches found!
node 23 checked!...39 matches found!
node 24 checked!...42 matches found!
node 25 checked!...35 matches found!
node 26 checked!...40 matches found!
node 27 checked!...39 matches found!
node 28 checked!...38 matches found!
node 29 checked!...34 matches found!
node 30 checked!...42 matches found!

Voting array

[39 38 41 37 35 38 34 42 34 32 34 30 44 38 38 39 31 40 35 38 47 34 39 42 35
 40 39 38 34 42]

Putative nodes

[8 30 13 24 21]

Best matching node from voting array

21

Presence of query node in putative nodes

Present

Node 13 -> query image 33
----

81 features detected!

Checking for matches...

node 1 checked!...34 matches found!

```
node 2 checked!...34 matches found!
node 3 checked!...33 matches found!
node 4 checked!...39 matches found!
node 5 checked!...33 matches found!
node 6 checked!...31 matches found!
node 7 checked!...32 matches found!
node 8 checked!...37 matches found!
node 9 checked!...29 matches found!
node 10 checked!...33 matches found!
node 11 checked!...29 matches found!
node 12 checked!...34 matches found!
node 13 checked!...37 matches found!
node 14 checked!...35 matches found!
node 15 checked!...33 matches found!
node 16 checked!...36 matches found!
node 17 checked!...40 matches found!
node 18 checked!...34 matches found!
node 19 checked!...31 matches found!
node 20 checked!...27 matches found!
node 21 checked!...40 matches found!
node 22 checked!...33 matches found!
node 23 checked!...40 matches found!
node 24 checked!...39 matches found!
node 25 checked!...39 matches found!
node 26 checked!...34 matches found!
node 27 checked!...34 matches found!
node 28 checked!...31 matches found!
node 29 checked!...35 matches found!
node 30 checked!...37 matches found!

Voting array
--------------
[34 34 33 39 33 31 32 37 29 33 29 34 37 35 33 36 40 34 31 27 40 33 40 39 39
 34 34 31 35 37]

Putative nodes
------------
[24  4 17 21 23]

Best matching node from voting array
----------------------------------------
17

Presence of query node in putative nodes
----------------------------------------
Absent


Node 13 -> query image 34
------------------------

0 features detected!

Checking for matches...

node 1 checked!...0 matches found!
node 2 checked!...0 matches found!
node 3 checked!...0 matches found!
node 4 checked!...0 matches found!
node 5 checked!...0 matches found!
node 6 checked!...0 matches found!
node 7 checked!...0 matches found!
```

```
node 8 checked!...0 matches found!
node 9 checked!...0 matches found!
node 10 checked!...0 matches found!
node 11 checked!...0 matches found!
node 12 checked!...0 matches found!
node 13 checked!...0 matches found!
node 14 checked!...0 matches found!
node 15 checked!...0 matches found!
node 16 checked!...0 matches found!
node 17 checked!...0 matches found!
node 18 checked!...0 matches found!
node 19 checked!...0 matches found!
node 20 checked!...0 matches found!
node 21 checked!...0 matches found!
node 22 checked!...0 matches found!
node 23 checked!...0 matches found!
node 24 checked!...0 matches found!
node 25 checked!...0 matches found!
node 26 checked!...0 matches found!
node 27 checked!...0 matches found!
node 28 checked!...0 matches found!
node 29 checked!...0 matches found!
node 30 checked!...0 matches found!

Voting array
--------------
[0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0]

Unable to predict a matching node and putative nodes!

Node 13 -> query image 35
------------------------

59 features detected!

Checking for matches...

node 1 checked!...25 matches found!
node 2 checked!...20 matches found!
node 3 checked!...22 matches found!
node 4 checked!...24 matches found!
node 5 checked!...25 matches found!
node 6 checked!...22 matches found!
node 7 checked!...30 matches found!
node 8 checked!...27 matches found!
node 9 checked!...26 matches found!
node 10 checked!...25 matches found!
node 11 checked!...23 matches found!
node 12 checked!...22 matches found!
node 13 checked!...24 matches found!
node 14 checked!...21 matches found!
node 15 checked!...24 matches found!
node 16 checked!...31 matches found!
node 17 checked!...22 matches found!
node 18 checked!...28 matches found!
node 19 checked!...28 matches found!
node 20 checked!...21 matches found!
node 21 checked!...27 matches found!
node 22 checked!...20 matches found!
node 23 checked!...29 matches found!
node 24 checked!...29 matches found!
node 25 checked!...28 matches found!
```

```
node 26 checked!...26 matches found!
node 27 checked!...27 matches found!
node 28 checked!...30 matches found!
node 29 checked!...26 matches found!
node 30 checked!...31 matches found!

Voting array
--------------
[25 20 22 24 25 22 30 27 26 25 23 22 24 21 24 31 22 28 28 21 27 20 29 29 28
 26 27 30 26 31]

Putative nodes
------------
[24  7 28 16 30]

Best matching node from voting array
----------------------------------------
16

Presence of query node in putative nodes
----------------------------------------
Absent


Node 13 -> query image 36
------------------------

63 features detected!

Checking for matches...

node 1 checked!...27 matches found!
node 2 checked!...27 matches found!
node 3 checked!...28 matches found!
node 4 checked!...28 matches found!
node 5 checked!...28 matches found!
node 6 checked!...25 matches found!
node 7 checked!...24 matches found!
node 8 checked!...26 matches found!
node 9 checked!...23 matches found!
node 10 checked!...29 matches found!
node 11 checked!...25 matches found!
node 12 checked!...26 matches found!
node 13 checked!...25 matches found!
node 14 checked!...25 matches found!
node 15 checked!...27 matches found!
node 16 checked!...27 matches found!
node 17 checked!...25 matches found!
node 18 checked!...28 matches found!
node 19 checked!...21 matches found!
node 20 checked!...21 matches found!
node 21 checked!...30 matches found!
node 22 checked!...20 matches found!
node 23 checked!...27 matches found!
node 24 checked!...23 matches found!
node 25 checked!...23 matches found!
node 26 checked!...24 matches found!
node 27 checked!...27 matches found!
node 28 checked!...27 matches found!
node 29 checked!...17 matches found!
node 30 checked!...27 matches found!
```

Voting array

[27 27 28 28 28 25 24 26 23 29 25 26 25 25 27 27 25 28 21 21 30 20 27 23 23
 24 27 27 17 27]

Putative nodes

[3 18 4 10 21]

Best matching node from voting array

21

Presence of query node in putative nodes

Absent

Node 13 -> query image 37
----

73 features detected!

Checking for matches...

node 1 checked!...30 matches found!
node 2 checked!...29 matches found!
node 3 checked!...35 matches found!
node 4 checked!...34 matches found!
node 5 checked!...33 matches found!
node 6 checked!...30 matches found!
node 7 checked!...33 matches found!
node 8 checked!...44 matches found!
node 9 checked!...28 matches found!
node 10 checked!...33 matches found!
node 11 checked!...30 matches found!
node 12 checked!...30 matches found!
node 13 checked!...32 matches found!
node 14 checked!...35 matches found!
node 15 checked!...34 matches found!
node 16 checked!...37 matches found!
node 17 checked!...32 matches found!
node 18 checked!...38 matches found!
node 19 checked!...31 matches found!
node 20 checked!...37 matches found!
node 21 checked!...34 matches found!
node 22 checked!...29 matches found!
node 23 checked!...42 matches found!
node 24 checked!...35 matches found!
node 25 checked!...32 matches found!
node 26 checked!...35 matches found!
node 27 checked!...34 matches found!
node 28 checked!...38 matches found!
node 29 checked!...33 matches found!
node 30 checked!...36 matches found!

Voting array

[30 29 35 34 33 30 33 44 28 33 30 30 32 35 34 37 32 38 31 37 34 29 42 35 32
 35 34 38 33 36]

Putative nodes

```
------------
[16 18 28 23  8]
```

Best matching node from voting array

8

Presence of query node in putative nodes

Absent

Node 13 -> query image 38
----

64 features detected!

Checking for matches...

```
node 1 checked!...29 matches found!
node 2 checked!...30 matches found!
node 3 checked!...31 matches found!
node 4 checked!...31 matches found!
node 5 checked!...33 matches found!
node 6 checked!...28 matches found!
node 7 checked!...29 matches found!
node 8 checked!...32 matches found!
node 9 checked!...26 matches found!
node 10 checked!...31 matches found!
node 11 checked!...30 matches found!
node 12 checked!...26 matches found!
node 13 checked!...27 matches found!
node 14 checked!...32 matches found!
node 15 checked!...30 matches found!
node 16 checked!...33 matches found!
node 17 checked!...33 matches found!
node 18 checked!...34 matches found!
node 19 checked!...32 matches found!
node 20 checked!...27 matches found!
node 21 checked!...33 matches found!
node 22 checked!...31 matches found!
node 23 checked!...33 matches found!
node 24 checked!...33 matches found!
node 25 checked!...27 matches found!
node 26 checked!...34 matches found!
node 27 checked!...34 matches found!
node 28 checked!...30 matches found!
node 29 checked!...32 matches found!
node 30 checked!...26 matches found!
```

Voting array

```
[29 30 31 31 33 28 29 32 26 31 30 26 27 32 30 33 33 34 32 27 33 31 33 33 27
 34 34 30 32 26]
```

Putative nodes

[23 17 27 26 18]

Best matching node from voting array

18

Presence of query node in putative nodes

Absent

Node 13 -> query image 39
----

95 features detected!

Checking for matches...

node 1 checked!...33 matches found!
node 2 checked!...34 matches found!
node 3 checked!...32 matches found!
node 4 checked!...37 matches found!
node 5 checked!...39 matches found!
node 6 checked!...34 matches found!
node 7 checked!...35 matches found!
node 8 checked!...34 matches found!
node 9 checked!...34 matches found!
node 10 checked!...33 matches found!
node 11 checked!...36 matches found!
node 12 checked!...34 matches found!
node 13 checked!...39 matches found!
node 14 checked!...41 matches found!
node 15 checked!...39 matches found!
node 16 checked!...35 matches found!
node 17 checked!...38 matches found!
node 18 checked!...38 matches found!
node 19 checked!...38 matches found!
node 20 checked!...35 matches found!
node 21 checked!...39 matches found!
node 22 checked!...36 matches found!
node 23 checked!...34 matches found!
node 24 checked!...36 matches found!
node 25 checked!...35 matches found!
node 26 checked!...34 matches found!
node 27 checked!...34 matches found!
node 28 checked!...39 matches found!
node 29 checked!...36 matches found!
node 30 checked!...39 matches found!

Voting array

[33 34 32 37 39 34 35 34 34 33 36 34 39 41 39 35 38 38 38 35 39 36 34 36 35
 34 34 39 36 39]

Putative nodes

[5 13 21 14 30]

Best matching node from voting array

14

Presence of query node in putative nodes

Present

Node 13 -> query image 40
----

67 features detected!

Checking for matches...

node 1 checked!...25 matches found!
node 2 checked!...24 matches found!
node 3 checked!...24 matches found!
node 4 checked!...28 matches found!
node 5 checked!...29 matches found!
node 6 checked!...26 matches found!
node 7 checked!...22 matches found!
node 8 checked!...29 matches found!
node 9 checked!...21 matches found!
node 10 checked!...29 matches found!
node 11 checked!...27 matches found!
node 12 checked!...25 matches found!
node 13 checked!...26 matches found!
node 14 checked!...24 matches found!
node 15 checked!...21 matches found!
node 16 checked!...26 matches found!
node 17 checked!...23 matches found!
node 18 checked!...22 matches found!
node 19 checked!...22 matches found!
node 20 checked!...19 matches found!
node 21 checked!...31 matches found!
node 22 checked!...20 matches found!
node 23 checked!...23 matches found!
node 24 checked!...24 matches found!
node 25 checked!...23 matches found!
node 26 checked!...25 matches found!
node 27 checked!...28 matches found!
node 28 checked!...25 matches found!
node 29 checked!...23 matches found!
node 30 checked!...24 matches found!

Voting array

[25 24 24 28 29 26 22 29 21 29 27 25 26 24 21 26 23 22 22 19 31 20 23 24 23
 25 28 25 23 24]

Putative nodes

[27 10 21 5 8]

Best matching node from voting array

21

Presence of query node in putative nodes

Absent

 Node 13 testing completed!

Node 14 -> query image 1
----

66 features detected!

Checking for matches...

node 1 checked!...29 matches found!
node 2 checked!...29 matches found!
node 3 checked!...31 matches found!
node 4 checked!...32 matches found!
node 5 checked!...31 matches found!
node 6 checked!...29 matches found!
node 7 checked!...25 matches found!
node 8 checked!...28 matches found!
node 9 checked!...30 matches found!
node 10 checked!...29 matches found!
node 11 checked!...33 matches found!
node 12 checked!...31 matches found!
node 13 checked!...30 matches found!
node 14 checked!...31 matches found!
node 15 checked!...27 matches found!
node 16 checked!...31 matches found!
node 17 checked!...34 matches found!
node 18 checked!...33 matches found!
node 19 checked!...25 matches found!
node 20 checked!...28 matches found!
node 21 checked!...35 matches found!
node 22 checked!...31 matches found!
node 23 checked!...29 matches found!
node 24 checked!...29 matches found!
node 25 checked!...29 matches found!
node 26 checked!...30 matches found!
node 27 checked!...32 matches found!
node 28 checked!...29 matches found!
node 29 checked!...27 matches found!
node 30 checked!...23 matches found!

Voting array

[29 29 31 32 31 29 25 28 30 29 33 31 30 31 27 31 34 33 25 28 35 31 29 29 29
 30 32 29 27 23]

Putative nodes

[4 11 21 17 18]

Best matching node from voting array

21

Presence of query node in putative nodes

Absent

Node 14 -> query image 2
----

78 features detected!

Checking for matches...

node 1 checked!...29 matches found!
node 2 checked!...29 matches found!

```
node 3 checked!...32 matches found!
node 4 checked!...32 matches found!
node 5 checked!...30 matches found!
node 6 checked!...26 matches found!
node 7 checked!...25 matches found!
node 8 checked!...26 matches found!
node 9 checked!...25 matches found!
node 10 checked!...36 matches found!
node 11 checked!...31 matches found!
node 12 checked!...26 matches found!
node 13 checked!...30 matches found!
node 14 checked!...29 matches found!
node 15 checked!...30 matches found!
node 16 checked!...26 matches found!
node 17 checked!...28 matches found!
node 18 checked!...30 matches found!
node 19 checked!...33 matches found!
node 20 checked!...31 matches found!
node 21 checked!...30 matches found!
node 22 checked!...28 matches found!
node 23 checked!...29 matches found!
node 24 checked!...29 matches found!
node 25 checked!...26 matches found!
node 26 checked!...29 matches found!
node 27 checked!...33 matches found!
node 28 checked!...28 matches found!
node 29 checked!...23 matches found!
node 30 checked!...30 matches found!


Voting array
--------------
[29 29 32 32 30 26 25 26 25 36 31 26 30 29 30 26 28 30 33 31 30 28 29 29 26
 29 33 28 23 30]

Putative nodes
------------
[ 4  3 27 19 10]

Best matching node from voting array
----------------------------------------
10

Presence of query node in putative nodes
----------------------------------------
Absent


Node 14 -> query image 3
------------------------

60 features detected!

Checking for matches...

node 1 checked!...24 matches found!
node 2 checked!...28 matches found!
node 3 checked!...26 matches found!
node 4 checked!...31 matches found!
node 5 checked!...30 matches found!
node 6 checked!...20 matches found!
node 7 checked!...23 matches found!
node 8 checked!...29 matches found!
```

```
node 9 checked!...24 matches found!
node 10 checked!...30 matches found!
node 11 checked!...32 matches found!
node 12 checked!...22 matches found!
node 13 checked!...29 matches found!
node 14 checked!...26 matches found!
node 15 checked!...25 matches found!
node 16 checked!...23 matches found!
node 17 checked!...24 matches found!
node 18 checked!...27 matches found!
node 19 checked!...26 matches found!
node 20 checked!...25 matches found!
node 21 checked!...27 matches found!
node 22 checked!...22 matches found!
node 23 checked!...27 matches found!
node 24 checked!...21 matches found!
node 25 checked!...22 matches found!
node 26 checked!...29 matches found!
node 27 checked!...29 matches found!
node 28 checked!...25 matches found!
node 29 checked!...23 matches found!
node 30 checked!...23 matches found!
```

Voting array

[24 28 26 31 30 20 23 29 24 30 32 22 29 26 25 23 24 27 26 25 27 22 27 21 22
 29 29 25 23 23]

Putative nodes

[26 5 10 4 11]

Best matching node from voting array

11

Presence of query node in putative nodes

Absent

Node 14 -> query image 4
----

60 features detected!

Checking for matches...

```
node 1 checked!...30 matches found!
node 2 checked!...28 matches found!
node 3 checked!...35 matches found!
node 4 checked!...36 matches found!
node 5 checked!...32 matches found!
node 6 checked!...31 matches found!
node 7 checked!...29 matches found!
node 8 checked!...36 matches found!
node 9 checked!...24 matches found!
node 10 checked!...36 matches found!
node 11 checked!...33 matches found!
node 12 checked!...32 matches found!
node 13 checked!...34 matches found!
node 14 checked!...30 matches found!
```

```
node 15 checked!...30 matches found!
node 16 checked!...34 matches found!
node 17 checked!...29 matches found!
node 18 checked!...31 matches found!
node 19 checked!...30 matches found!
node 20 checked!...30 matches found!
node 21 checked!...35 matches found!
node 22 checked!...29 matches found!
node 23 checked!...37 matches found!
node 24 checked!...31 matches found!
node 25 checked!...31 matches found!
node 26 checked!...34 matches found!
node 27 checked!...27 matches found!
node 28 checked!...33 matches found!
node 29 checked!...33 matches found!
node 30 checked!...33 matches found!

Voting array
--------------
[30 28 35 36 32 31 29 36 24 36 33 32 34 30 30 34 29 31 30 30 35 29 37 31 31
 34 27 33 33 33]

Putative nodes
------------
[21  8 10 23  4]

Best matching node from voting array
----------------------------------------
23

Presence of query node in putative nodes
----------------------------------------
Absent


Node 14 -> query image 5
------------------------

63 features detected!

Checking for matches...

node 1 checked!...29 matches found!
node 2 checked!...23 matches found!
node 3 checked!...28 matches found!
node 4 checked!...31 matches found!
node 5 checked!...27 matches found!
node 6 checked!...24 matches found!
node 7 checked!...23 matches found!
node 8 checked!...24 matches found!
node 9 checked!...24 matches found!
node 10 checked!...26 matches found!
node 11 checked!...32 matches found!
node 12 checked!...27 matches found!
node 13 checked!...30 matches found!
node 14 checked!...30 matches found!
node 15 checked!...27 matches found!
node 16 checked!...25 matches found!
node 17 checked!...24 matches found!
node 18 checked!...26 matches found!
node 19 checked!...24 matches found!
node 20 checked!...28 matches found!
```

```
node 21 checked!...32 matches found!
node 22 checked!...26 matches found!
node 23 checked!...30 matches found!
node 24 checked!...29 matches found!
node 25 checked!...23 matches found!
node 26 checked!...30 matches found!
node 27 checked!...25 matches found!
node 28 checked!...28 matches found!
node 29 checked!...24 matches found!
node 30 checked!...26 matches found!

Voting array
--------------
[29 23 28 31 27 24 23 24 24 26 32 27 30 30 27 25 24 26 24 28 32 26 30 29 23
 30 25 28 24 26]

Putative nodes
------------
[23 13  4 21 11]

Best matching node from voting array
----------------------------------------
11

Presence of query node in putative nodes
----------------------------------------
Absent


Node 14 -> query image 6
------------------------

0 features detected!

Checking for matches...

node 1 checked!...0 matches found!
node 2 checked!...0 matches found!
node 3 checked!...0 matches found!
node 4 checked!...0 matches found!
node 5 checked!...0 matches found!
node 6 checked!...0 matches found!
node 7 checked!...0 matches found!
node 8 checked!...0 matches found!
node 9 checked!...0 matches found!
node 10 checked!...0 matches found!
node 11 checked!...0 matches found!
node 12 checked!...0 matches found!
node 13 checked!...0 matches found!
node 14 checked!...0 matches found!
node 15 checked!...0 matches found!
node 16 checked!...0 matches found!
node 17 checked!...0 matches found!
node 18 checked!...0 matches found!
node 19 checked!...0 matches found!
node 20 checked!...0 matches found!
node 21 checked!...0 matches found!
node 22 checked!...0 matches found!
node 23 checked!...0 matches found!
node 24 checked!...0 matches found!
node 25 checked!...0 matches found!
node 26 checked!...0 matches found!
```

```
node 27 checked!...0 matches found!
node 28 checked!...0 matches found!
node 29 checked!...0 matches found!
node 30 checked!...0 matches found!

Voting array
--------------
[0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0]

Unable to predict a matching node and putative nodes!

Node 14 -> query image 7
------------------------

79 features detected!

Checking for matches...

node 1 checked!...33 matches found!
node 2 checked!...30 matches found!
node 3 checked!...34 matches found!
node 4 checked!...34 matches found!
node 5 checked!...35 matches found!
node 6 checked!...29 matches found!
node 7 checked!...29 matches found!
node 8 checked!...37 matches found!
node 9 checked!...29 matches found!
node 10 checked!...38 matches found!
node 11 checked!...33 matches found!
node 12 checked!...33 matches found!
node 13 checked!...33 matches found!
node 14 checked!...32 matches found!
node 15 checked!...31 matches found!
node 16 checked!...36 matches found!
node 17 checked!...32 matches found!
node 18 checked!...30 matches found!
node 19 checked!...28 matches found!
node 20 checked!...30 matches found!
node 21 checked!...35 matches found!
node 22 checked!...28 matches found!
node 23 checked!...36 matches found!
node 24 checked!...36 matches found!
node 25 checked!...31 matches found!
node 26 checked!...32 matches found!
node 27 checked!...30 matches found!
node 28 checked!...32 matches found!
node 29 checked!...28 matches found!
node 30 checked!...35 matches found!

Voting array
--------------
[33 30 34 34 35 29 29 37 29 38 33 33 33 32 31 36 32 30 28 30 35 28 36 36 31
 32 30 32 28 35]

Putative nodes
------------
[16  8 10 23 24]

Best matching node from voting array
-------------------------------------
10
```

Presence of query node in putative nodes

Absent

Node 14 -> query image 8
----

101 features detected!

Checking for matches...

node 1 checked!...37 matches found!
node 2 checked!...37 matches found!
node 3 checked!...40 matches found!
node 4 checked!...44 matches found!
node 5 checked!...33 matches found!
node 6 checked!...35 matches found!
node 7 checked!...38 matches found!
node 8 checked!...41 matches found!
node 9 checked!...35 matches found!
node 10 checked!...37 matches found!
node 11 checked!...39 matches found!
node 12 checked!...35 matches found!
node 13 checked!...37 matches found!
node 14 checked!...34 matches found!
node 15 checked!...37 matches found!
node 16 checked!...39 matches found!
node 17 checked!...41 matches found!
node 18 checked!...38 matches found!
node 19 checked!...38 matches found!
node 20 checked!...39 matches found!
node 21 checked!...41 matches found!
node 22 checked!...37 matches found!
node 23 checked!...42 matches found!
node 24 checked!...41 matches found!
node 25 checked!...35 matches found!
node 26 checked!...37 matches found!
node 27 checked!...42 matches found!
node 28 checked!...38 matches found!
node 29 checked!...33 matches found!
node 30 checked!...37 matches found!

Voting array

[37 37 40 44 33 35 38 41 35 37 39 35 37 34 37 39 41 38 38 39 41 37 42 41 35
 37 42 38 33 37]

Putative nodes

[24 8 27 23 4]

Best matching node from voting array

4

Presence of query node in putative nodes

Absent

Node 14 -> query image 9

----

30 features detected!

Checking for matches...

node 1 checked!...15 matches found!
node 2 checked!...18 matches found!
node 3 checked!...18 matches found!
node 4 checked!...21 matches found!
node 5 checked!...22 matches found!
node 6 checked!...16 matches found!
node 7 checked!...14 matches found!
node 8 checked!...21 matches found!
node 9 checked!...19 matches found!
node 10 checked!...17 matches found!
node 11 checked!...19 matches found!
node 12 checked!...20 matches found!
node 13 checked!...20 matches found!
node 14 checked!...22 matches found!
node 15 checked!...19 matches found!
node 16 checked!...21 matches found!
node 17 checked!...19 matches found!
node 18 checked!...19 matches found!
node 19 checked!...18 matches found!
node 20 checked!...18 matches found!
node 21 checked!...20 matches found!
node 22 checked!...18 matches found!
node 23 checked!...19 matches found!
node 24 checked!...18 matches found!
node 25 checked!...21 matches found!
node 26 checked!...20 matches found!
node 27 checked!...22 matches found!
node 28 checked!...20 matches found!
node 29 checked!...18 matches found!
node 30 checked!...21 matches found!

Voting array

[15 18 18 21 22 16 14 21 19 17 19 20 20 22 19 21 19 19 18 18 20 18 19 18 21
 20 22 20 18 21]

Putative nodes

[30 25 27 14 5]

Best matching node from voting array

5

Presence of query node in putative nodes

Present

Node 14 -> query image 10
----

91 features detected!

Checking for matches...

```
node 1 checked!...34 matches found!
node 2 checked!...37 matches found!
node 3 checked!...36 matches found!
node 4 checked!...40 matches found!
node 5 checked!...43 matches found!
node 6 checked!...36 matches found!
node 7 checked!...31 matches found!
node 8 checked!...42 matches found!
node 9 checked!...34 matches found!
node 10 checked!...31 matches found!
node 11 checked!...35 matches found!
node 12 checked!...34 matches found!
node 13 checked!...34 matches found!
node 14 checked!...39 matches found!
node 15 checked!...35 matches found!
node 16 checked!...32 matches found!
node 17 checked!...31 matches found!
node 18 checked!...36 matches found!
node 19 checked!...30 matches found!
node 20 checked!...32 matches found!
node 21 checked!...33 matches found!
node 22 checked!...37 matches found!
node 23 checked!...40 matches found!
node 24 checked!...42 matches found!
node 25 checked!...36 matches found!
node 26 checked!...35 matches found!
node 27 checked!...37 matches found!
node 28 checked!...40 matches found!
node 29 checked!...34 matches found!
node 30 checked!...38 matches found!
```

Voting array

[34 37 36 40 43 36 31 42 34 31 35 34 34 39 35 32 31 36 30 32 33 37 40 42 36
 35 37 40 34 38]

Putative nodes

[23 5 24 8 4]

Best matching node from voting array

5

Presence of query node in putative nodes

Absent

Node 14 -> query image 11
----

61 features detected!

Checking for matches...

```
node 1 checked!...26 matches found!
node 2 checked!...32 matches found!
node 3 checked!...33 matches found!
node 4 checked!...31 matches found!
node 5 checked!...28 matches found!
node 6 checked!...27 matches found!
```

```
node 7 checked!...25 matches found!
node 8 checked!...26 matches found!
node 9 checked!...25 matches found!
node 10 checked!...28 matches found!
node 11 checked!...27 matches found!
node 12 checked!...28 matches found!
node 13 checked!...29 matches found!
node 14 checked!...31 matches found!
node 15 checked!...30 matches found!
node 16 checked!...29 matches found!
node 17 checked!...30 matches found!
node 18 checked!...29 matches found!
node 19 checked!...28 matches found!
node 20 checked!...29 matches found!
node 21 checked!...31 matches found!
node 22 checked!...28 matches found!
node 23 checked!...27 matches found!
node 24 checked!...33 matches found!
node 25 checked!...27 matches found!
node 26 checked!...30 matches found!
node 27 checked!...29 matches found!
node 28 checked!...30 matches found!
node 29 checked!...22 matches found!
node 30 checked!...26 matches found!


Voting array
--------------
[26 32 33 31 28 27 25 26 25 28 27 28 29 31 30 29 30 29 28 29 31 28 27 33 27
 30 29 30 22 26]

Putative nodes
------------
[ 4 14  2  3 24]

Best matching node from voting array
----------------------------------------
3

Presence of query node in putative nodes
----------------------------------------
Present


Node 14 -> query image 12
-----------------------

86 features detected!

Checking for matches...

node 1 checked!...36 matches found!
node 2 checked!...32 matches found!
node 3 checked!...33 matches found!
node 4 checked!...37 matches found!
node 5 checked!...38 matches found!
node 6 checked!...29 matches found!
node 7 checked!...33 matches found!
node 8 checked!...39 matches found!
node 9 checked!...32 matches found!
node 10 checked!...35 matches found!
node 11 checked!...33 matches found!
node 12 checked!...38 matches found!
```

```
node 13 checked!...35 matches found!
node 14 checked!...34 matches found!
node 15 checked!...29 matches found!
node 16 checked!...34 matches found!
node 17 checked!...36 matches found!
node 18 checked!...29 matches found!
node 19 checked!...26 matches found!
node 20 checked!...33 matches found!
node 21 checked!...36 matches found!
node 22 checked!...30 matches found!
node 23 checked!...36 matches found!
node 24 checked!...40 matches found!
node 25 checked!...29 matches found!
node 26 checked!...35 matches found!
node 27 checked!...30 matches found!
node 28 checked!...34 matches found!
node 29 checked!...28 matches found!
node 30 checked!...36 matches found!
```

Voting array

```
[36 32 33 37 38 29 33 39 32 35 33 38 35 34 29 34 36 29 26 33 36 30 36 40 29
 35 30 34 28 36]
```

Putative nodes

```
[ 4  5 12  8 24]
```

Best matching node from voting array

24

Presence of query node in putative nodes

Absent

Node 14 -> query image 13
----

91 features detected!

Checking for matches...

```
node 1 checked!...30 matches found!
node 2 checked!...33 matches found!
node 3 checked!...35 matches found!
node 4 checked!...40 matches found!
node 5 checked!...37 matches found!
node 6 checked!...35 matches found!
node 7 checked!...31 matches found!
node 8 checked!...40 matches found!
node 9 checked!...34 matches found!
node 10 checked!...39 matches found!
node 11 checked!...42 matches found!
node 12 checked!...34 matches found!
node 13 checked!...38 matches found!
node 14 checked!...33 matches found!
node 15 checked!...31 matches found!
node 16 checked!...35 matches found!
node 17 checked!...34 matches found!
node 18 checked!...37 matches found!
```

```
node 19 checked!...36 matches found!
node 20 checked!...38 matches found!
node 21 checked!...37 matches found!
node 22 checked!...34 matches found!
node 23 checked!...42 matches found!
node 24 checked!...38 matches found!
node 25 checked!...34 matches found!
node 26 checked!...43 matches found!
node 27 checked!...38 matches found!
node 28 checked!...37 matches found!
node 29 checked!...31 matches found!
node 30 checked!...34 matches found!
```

Voting array

```
[30 33 35 40 37 35 31 40 34 39 42 34 38 33 31 35 34 37 36 38 37 34 42 38 34
 43 38 37 31 34]
```

Putative nodes

```
[ 4 26 23  8 11]
```

Best matching node from voting array

26

Presence of query node in putative nodes

Absent

Node 14 -> query image 14
----

62 features detected!

Checking for matches...

```
node 1 checked!...25 matches found!
node 2 checked!...28 matches found!
node 3 checked!...28 matches found!
node 4 checked!...29 matches found!
node 5 checked!...25 matches found!
node 6 checked!...25 matches found!
node 7 checked!...25 matches found!
node 8 checked!...27 matches found!
node 9 checked!...27 matches found!
node 10 checked!...29 matches found!
node 11 checked!...29 matches found!
node 12 checked!...26 matches found!
node 13 checked!...30 matches found!
node 14 checked!...29 matches found!
node 15 checked!...32 matches found!
node 16 checked!...29 matches found!
node 17 checked!...28 matches found!
node 18 checked!...31 matches found!
node 19 checked!...25 matches found!
node 20 checked!...28 matches found!
node 21 checked!...24 matches found!
node 22 checked!...26 matches found!
node 23 checked!...31 matches found!
node 24 checked!...27 matches found!
```

```
node 25 checked!...25 matches found!
node 26 checked!...27 matches found!
node 27 checked!...31 matches found!
node 28 checked!...27 matches found!
node 29 checked!...30 matches found!
node 30 checked!...29 matches found!

Voting array
--------------
[25 28 28 29 25 25 25 27 27 29 29 26 30 29 32 29 28 31 25 28 24 26 31 27 25
 27 31 27 30 29]

Putative nodes
------------
[29 18 27 23 15]

Best matching node from voting array
----------------------------------------
15

Presence of query node in putative nodes
----------------------------------------
Absent


Node 14 -> query image 15
-----------------------

81 features detected!

Checking for matches...

node 1 checked!...32 matches found!
node 2 checked!...36 matches found!
node 3 checked!...35 matches found!
node 4 checked!...34 matches found!
node 5 checked!...40 matches found!
node 6 checked!...34 matches found!
node 7 checked!...32 matches found!
node 8 checked!...40 matches found!
node 9 checked!...31 matches found!
node 10 checked!...29 matches found!
node 11 checked!...33 matches found!
node 12 checked!...28 matches found!
node 13 checked!...32 matches found!
node 14 checked!...33 matches found!
node 15 checked!...32 matches found!
node 16 checked!...30 matches found!
node 17 checked!...28 matches found!
node 18 checked!...32 matches found!
node 19 checked!...31 matches found!
node 20 checked!...32 matches found!
node 21 checked!...34 matches found!
node 22 checked!...34 matches found!
node 23 checked!...38 matches found!
node 24 checked!...43 matches found!
node 25 checked!...34 matches found!
node 26 checked!...31 matches found!
node 27 checked!...34 matches found!
node 28 checked!...38 matches found!
node 29 checked!...31 matches found!
node 30 checked!...38 matches found!
```

Voting array

[32 36 35 34 40 34 32 40 31 29 33 28 32 33 32 30 28 32 31 32 34 34 38 43 34
 31 34 38 31 38]

Putative nodes

[28 23 5 24 8]

Best matching node from voting array

24

Presence of query node in putative nodes

Absent

Node 14 -> query image 16
----

96 features detected!

Checking for matches...

node 1 checked!...30 matches found!
node 2 checked!...35 matches found!
node 3 checked!...39 matches found!
node 4 checked!...41 matches found!
node 5 checked!...41 matches found!
node 6 checked!...37 matches found!
node 7 checked!...35 matches found!
node 8 checked!...38 matches found!
node 9 checked!...33 matches found!
node 10 checked!...36 matches found!
node 11 checked!...37 matches found!
node 12 checked!...37 matches found!
node 13 checked!...37 matches found!
node 14 checked!...42 matches found!
node 15 checked!...34 matches found!
node 16 checked!...33 matches found!
node 17 checked!...35 matches found!
node 18 checked!...37 matches found!
node 19 checked!...35 matches found!
node 20 checked!...35 matches found!
node 21 checked!...40 matches found!
node 22 checked!...34 matches found!
node 23 checked!...39 matches found!
node 24 checked!...36 matches found!
node 25 checked!...33 matches found!
node 26 checked!...35 matches found!
node 27 checked!...38 matches found!
node 28 checked!...40 matches found!
node 29 checked!...38 matches found!
node 30 checked!...35 matches found!

Voting array

[30 35 39 41 41 37 35 38 33 36 37 37 37 42 34 33 35 37 35 35 40 34 39 36 33
 35 38 40 38 35]

Putative nodes

[21 28 4 5 14]

Best matching node from voting array

14

Presence of query node in putative nodes

Present

Node 14 -> query image 17
----

61 features detected!

Checking for matches...

node 1 checked!...30 matches found!
node 2 checked!...27 matches found!
node 3 checked!...32 matches found!
node 4 checked!...30 matches found!
node 5 checked!...30 matches found!
node 6 checked!...30 matches found!
node 7 checked!...31 matches found!
node 8 checked!...30 matches found!
node 9 checked!...30 matches found!
node 10 checked!...31 matches found!
node 11 checked!...30 matches found!
node 12 checked!...32 matches found!
node 13 checked!...33 matches found!
node 14 checked!...36 matches found!
node 15 checked!...26 matches found!
node 16 checked!...30 matches found!
node 17 checked!...33 matches found!
node 18 checked!...26 matches found!
node 19 checked!...31 matches found!
node 20 checked!...30 matches found!
node 21 checked!...31 matches found!
node 22 checked!...28 matches found!
node 23 checked!...33 matches found!
node 24 checked!...30 matches found!
node 25 checked!...32 matches found!
node 26 checked!...27 matches found!
node 27 checked!...29 matches found!
node 28 checked!...33 matches found!
node 29 checked!...29 matches found!
node 30 checked!...31 matches found!

Voting array

[30 27 32 30 30 30 31 30 30 31 30 32 33 36 26 30 33 26 31 30 31 28 33 30 32
 27 29 33 29 31]

Putative nodes

[23 28 17 14 13]

Best matching node from voting array

14

Presence of query node in putative nodes

Present

Node 14 -> query image 18
----

66 features detected!

Checking for matches...

node 1 checked!...27 matches found!
node 2 checked!...23 matches found!
node 3 checked!...27 matches found!
node 4 checked!...32 matches found!
node 5 checked!...26 matches found!
node 6 checked!...29 matches found!
node 7 checked!...29 matches found!
node 8 checked!...37 matches found!
node 9 checked!...31 matches found!
node 10 checked!...28 matches found!
node 11 checked!...28 matches found!
node 12 checked!...29 matches found!
node 13 checked!...27 matches found!
node 14 checked!...25 matches found!
node 15 checked!...30 matches found!
node 16 checked!...29 matches found!
node 17 checked!...33 matches found!
node 18 checked!...28 matches found!
node 19 checked!...30 matches found!
node 20 checked!...29 matches found!
node 21 checked!...31 matches found!
node 22 checked!...31 matches found!
node 23 checked!...34 matches found!
node 24 checked!...33 matches found!
node 25 checked!...28 matches found!
node 26 checked!...29 matches found!
node 27 checked!...31 matches found!
node 28 checked!...33 matches found!
node 29 checked!...29 matches found!
node 30 checked!...31 matches found!

Voting array

[27 23 27 32 26 29 29 37 31 28 28 29 27 25 30 29 33 28 30 29 31 31 34 33 28
 29 31 33 29 31]

Putative nodes

[28 24 23 8 17]

Best matching node from voting array

8

Presence of query node in putative nodes

Absent

Node 14 -> query image 19
----

93 features detected!

Checking for matches...

node 1 checked!...31 matches found!
node 2 checked!...34 matches found!
node 3 checked!...34 matches found!
node 4 checked!...40 matches found!
node 5 checked!...35 matches found!
node 6 checked!...30 matches found!
node 7 checked!...30 matches found!
node 8 checked!...32 matches found!
node 9 checked!...30 matches found!
node 10 checked!...31 matches found!
node 11 checked!...31 matches found!
node 12 checked!...31 matches found!
node 13 checked!...37 matches found!
node 14 checked!...42 matches found!
node 15 checked!...37 matches found!
node 16 checked!...32 matches found!
node 17 checked!...36 matches found!
node 18 checked!...33 matches found!
node 19 checked!...34 matches found!
node 20 checked!...34 matches found!
node 21 checked!...34 matches found!
node 22 checked!...31 matches found!
node 23 checked!...36 matches found!
node 24 checked!...40 matches found!
node 25 checked!...33 matches found!
node 26 checked!...32 matches found!
node 27 checked!...35 matches found!
node 28 checked!...31 matches found!
node 29 checked!...35 matches found!
node 30 checked!...33 matches found!

Voting array

[31 34 34 40 35 30 30 32 30 31 31 31 37 42 37 32 36 33 34 34 34 31 36 40 33
 32 35 31 35 33]

Putative nodes

[13 15 4 14 24]

Best matching node from voting array

14

Presence of query node in putative nodes

Present

Node 14 -> query image 20
----

86 features detected!

Checking for matches...

node 1 checked!...30 matches found!
node 2 checked!...35 matches found!
node 3 checked!...33 matches found!
node 4 checked!...36 matches found!
node 5 checked!...35 matches found!
node 6 checked!...29 matches found!
node 7 checked!...28 matches found!
node 8 checked!...33 matches found!
node 9 checked!...29 matches found!
node 10 checked!...36 matches found!
node 11 checked!...31 matches found!
node 12 checked!...36 matches found!
node 13 checked!...35 matches found!
node 14 checked!...36 matches found!
node 15 checked!...30 matches found!
node 16 checked!...33 matches found!
node 17 checked!...33 matches found!
node 18 checked!...32 matches found!
node 19 checked!...34 matches found!
node 20 checked!...34 matches found!
node 21 checked!...37 matches found!
node 22 checked!...33 matches found!
node 23 checked!...35 matches found!
node 24 checked!...38 matches found!
node 25 checked!...30 matches found!
node 26 checked!...29 matches found!
node 27 checked!...31 matches found!
node 28 checked!...32 matches found!
node 29 checked!...28 matches found!
node 30 checked!...36 matches found!

Voting array

[30 35 33 36 35 29 28 33 29 36 31 36 35 36 30 33 33 32 34 34 37 33 35 38 30
 29 31 32 28 36]

Putative nodes

[10 4 21 24 30]

Best matching node from voting array

24

Presence of query node in putative nodes

Absent

Node 14 -> query image 21
----

84 features detected!

Checking for matches...

node 1 checked!...34 matches found!
node 2 checked!...38 matches found!
node 3 checked!...36 matches found!
node 4 checked!...42 matches found!

```
node 5 checked!...37 matches found!
node 6 checked!...30 matches found!
node 7 checked!...33 matches found!
node 8 checked!...36 matches found!
node 9 checked!...37 matches found!
node 10 checked!...37 matches found!
node 11 checked!...34 matches found!
node 12 checked!...37 matches found!
node 13 checked!...37 matches found!
node 14 checked!...36 matches found!
node 15 checked!...35 matches found!
node 16 checked!...37 matches found!
node 17 checked!...40 matches found!
node 18 checked!...36 matches found!
node 19 checked!...31 matches found!
node 20 checked!...33 matches found!
node 21 checked!...37 matches found!
node 22 checked!...32 matches found!
node 23 checked!...40 matches found!
node 24 checked!...37 matches found!
node 25 checked!...34 matches found!
node 26 checked!...33 matches found!
node 27 checked!...35 matches found!
node 28 checked!...39 matches found!
node 29 checked!...33 matches found!
node 30 checked!...35 matches found!
```

```
Voting array
--------------
[34 38 36 42 37 30 33 36 37 37 34 37 37 36 35 37 40 36 31 33 37 32 40 37 34
 33 35 39 33 35]
```

```
Putative nodes
------------
[ 2 28 17 23  4]
```

```
Best matching node from voting array
----------------------------------------
4
```

```
Presence of query node in putative nodes
----------------------------------------
Absent
```

```
Node 14 -> query image 22
------------------------
```

```
90 features detected!
```

```
Checking for matches...
```

```
node 1 checked!...33 matches found!
node 2 checked!...33 matches found!
node 3 checked!...31 matches found!
node 4 checked!...41 matches found!
node 5 checked!...39 matches found!
node 6 checked!...33 matches found!
node 7 checked!...34 matches found!
node 8 checked!...32 matches found!
node 9 checked!...32 matches found!
node 10 checked!...37 matches found!
```

```
node 11 checked!...36 matches found!
node 12 checked!...32 matches found!
node 13 checked!...33 matches found!
node 14 checked!...40 matches found!
node 15 checked!...35 matches found!
node 16 checked!...35 matches found!
node 17 checked!...36 matches found!
node 18 checked!...35 matches found!
node 19 checked!...37 matches found!
node 20 checked!...37 matches found!
node 21 checked!...40 matches found!
node 22 checked!...36 matches found!
node 23 checked!...37 matches found!
node 24 checked!...35 matches found!
node 25 checked!...27 matches found!
node 26 checked!...38 matches found!
node 27 checked!...38 matches found!
node 28 checked!...32 matches found!
node 29 checked!...33 matches found!
node 30 checked!...34 matches found!
```

Voting array

[33 33 31 41 39 33 34 32 32 37 36 32 33 40 35 35 36 35 37 37 40 36 37 35 27
 38 38 32 33 34]

Putative nodes

[26 5 14 4 21]

Best matching node from voting array

4

Presence of query node in putative nodes

Present

Node 14 -> query image 23
----

95 features detected!

Checking for matches...

```
node 1 checked!...35 matches found!
node 2 checked!...30 matches found!
node 3 checked!...35 matches found!
node 4 checked!...40 matches found!
node 5 checked!...39 matches found!
node 6 checked!...32 matches found!
node 7 checked!...32 matches found!
node 8 checked!...34 matches found!
node 9 checked!...29 matches found!
node 10 checked!...30 matches found!
node 11 checked!...29 matches found!
node 12 checked!...31 matches found!
node 13 checked!...34 matches found!
node 14 checked!...45 matches found!
node 15 checked!...33 matches found!
node 16 checked!...36 matches found!
```

```
node 17 checked!...36 matches found!
node 18 checked!...35 matches found!
node 19 checked!...38 matches found!
node 20 checked!...34 matches found!
node 21 checked!...36 matches found!
node 22 checked!...32 matches found!
node 23 checked!...37 matches found!
node 24 checked!...37 matches found!
node 25 checked!...32 matches found!
node 26 checked!...34 matches found!
node 27 checked!...35 matches found!
node 28 checked!...32 matches found!
node 29 checked!...35 matches found!
node 30 checked!...30 matches found!

Voting array
--------------
[35 30 35 40 39 32 32 34 29 30 29 31 34 45 33 36 36 35 38 34 36 32 37 37 32
 34 35 32 35 30]

Putative nodes
------------
[24 19  5  4 14]

Best matching node from voting array
----------------------------------------
14

Presence of query node in putative nodes
----------------------------------------
Present


Node 14 -> query image 24
-----------------------

94 features detected!

Checking for matches...

node 1 checked!...36 matches found!
node 2 checked!...38 matches found!
node 3 checked!...39 matches found!
node 4 checked!...39 matches found!
node 5 checked!...39 matches found!
node 6 checked!...34 matches found!
node 7 checked!...35 matches found!
node 8 checked!...36 matches found!
node 9 checked!...35 matches found!
node 10 checked!...38 matches found!
node 11 checked!...35 matches found!
node 12 checked!...40 matches found!
node 13 checked!...36 matches found!
node 14 checked!...43 matches found!
node 15 checked!...35 matches found!
node 16 checked!...36 matches found!
node 17 checked!...38 matches found!
node 18 checked!...36 matches found!
node 19 checked!...33 matches found!
node 20 checked!...34 matches found!
node 21 checked!...36 matches found!
node 22 checked!...37 matches found!
```

```
node 23 checked!...35 matches found!
node 24 checked!...42 matches found!
node 25 checked!...40 matches found!
node 26 checked!...33 matches found!
node 27 checked!...36 matches found!
node 28 checked!...38 matches found!
node 29 checked!...34 matches found!
node 30 checked!...34 matches found!

Voting array
--------------
[36 38 39 39 39 34 35 36 35 38 35 40 36 43 35 36 38 36 33 34 36 37 35 42 40
 33 36 38 34 34]

Putative nodes
------------
[ 5 12 24 25 14]

Best matching node from voting array
----------------------------------------
14

Presence of query node in putative nodes
----------------------------------------
Present


Node 14 -> query image 25
-------------------------

84 features detected!

Checking for matches...

node 1 checked!...33 matches found!
node 2 checked!...41 matches found!
node 3 checked!...37 matches found!
node 4 checked!...42 matches found!
node 5 checked!...38 matches found!
node 6 checked!...31 matches found!
node 7 checked!...32 matches found!
node 8 checked!...40 matches found!
node 9 checked!...37 matches found!
node 10 checked!...37 matches found!
node 11 checked!...35 matches found!
node 12 checked!...38 matches found!
node 13 checked!...37 matches found!
node 14 checked!...40 matches found!
node 15 checked!...36 matches found!
node 16 checked!...36 matches found!
node 17 checked!...41 matches found!
node 18 checked!...40 matches found!
node 19 checked!...33 matches found!
node 20 checked!...33 matches found!
node 21 checked!...37 matches found!
node 22 checked!...32 matches found!
node 23 checked!...38 matches found!
node 24 checked!...40 matches found!
node 25 checked!...38 matches found!
node 26 checked!...35 matches found!
node 27 checked!...37 matches found!
node 28 checked!...39 matches found!
```

```
node 29 checked!...34 matches found!
node 30 checked!...33 matches found!

Voting array
--------------
[33 41 37 42 38 31 32 40 37 37 35 38 37 40 36 36 41 40 33 33 37 32 38 40 38
 35 37 39 34 33]

Putative nodes
------------
[ 8 14  2 17  4]

Best matching node from voting array
----------------------------------------
4

Presence of query node in putative nodes
----------------------------------------
Present


Node 14 -> query image 26
------------------------

101 features detected!

Checking for matches...

node 1 checked!...35 matches found!
node 2 checked!...33 matches found!
node 3 checked!...34 matches found!
node 4 checked!...44 matches found!
node 5 checked!...38 matches found!
node 6 checked!...35 matches found!
node 7 checked!...35 matches found!
node 8 checked!...37 matches found!
node 9 checked!...30 matches found!
node 10 checked!...36 matches found!
node 11 checked!...38 matches found!
node 12 checked!...33 matches found!
node 13 checked!...36 matches found!
node 14 checked!...46 matches found!
node 15 checked!...34 matches found!
node 16 checked!...35 matches found!
node 17 checked!...34 matches found!
node 18 checked!...34 matches found!
node 19 checked!...34 matches found!
node 20 checked!...36 matches found!
node 21 checked!...37 matches found!
node 22 checked!...37 matches found!
node 23 checked!...40 matches found!
node 24 checked!...37 matches found!
node 25 checked!...32 matches found!
node 26 checked!...40 matches found!
node 27 checked!...40 matches found!
node 28 checked!...34 matches found!
node 29 checked!...32 matches found!
node 30 checked!...37 matches found!

Voting array
--------------
[35 33 34 44 38 35 35 37 30 36 38 33 36 46 34 35 34 34 34 36 37 37 40 37 32
```

```
 40 40 34 32 37]
```

Putative nodes

[26 27 23 4 14]

Best matching node from voting array

14

Presence of query node in putative nodes

Present

Node 14 -> query image 27
----

99 features detected!

Checking for matches...

node 1 checked!...33 matches found!
node 2 checked!...29 matches found!
node 3 checked!...33 matches found!
node 4 checked!...45 matches found!
node 5 checked!...37 matches found!
node 6 checked!...33 matches found!
node 7 checked!...34 matches found!
node 8 checked!...32 matches found!
node 9 checked!...28 matches found!
node 10 checked!...32 matches found!
node 11 checked!...30 matches found!
node 12 checked!...32 matches found!
node 13 checked!...31 matches found!
node 14 checked!...42 matches found!
node 15 checked!...34 matches found!
node 16 checked!...35 matches found!
node 17 checked!...36 matches found!
node 18 checked!...34 matches found!
node 19 checked!...34 matches found!
node 20 checked!...34 matches found!
node 21 checked!...34 matches found!
node 22 checked!...33 matches found!
node 23 checked!...33 matches found!
node 24 checked!...36 matches found!
node 25 checked!...33 matches found!
node 26 checked!...35 matches found!
node 27 checked!...33 matches found!
node 28 checked!...31 matches found!
node 29 checked!...35 matches found!
node 30 checked!...34 matches found!

Voting array

[33 29 33 45 37 33 34 32 28 32 30 32 31 42 34 35 36 34 34 34 34 33 33 36 33
 35 33 31 35 34]

Putative nodes

[24 17 4 14 5]

Best matching node from voting array

4

Presence of query node in putative nodes

Present

Node 14 -> query image 28
----

102 features detected!

Checking for matches...

node 1 checked!...37 matches found!
node 2 checked!...41 matches found!
node 3 checked!...41 matches found!
node 4 checked!...40 matches found!
node 5 checked!...41 matches found!
node 6 checked!...36 matches found!
node 7 checked!...32 matches found!
node 8 checked!...35 matches found!
node 9 checked!...34 matches found!
node 10 checked!...36 matches found!
node 11 checked!...38 matches found!
node 12 checked!...43 matches found!
node 13 checked!...41 matches found!
node 14 checked!...43 matches found!
node 15 checked!...32 matches found!
node 16 checked!...38 matches found!
node 17 checked!...40 matches found!
node 18 checked!...36 matches found!
node 19 checked!...37 matches found!
node 20 checked!...32 matches found!
node 21 checked!...40 matches found!
node 22 checked!...38 matches found!
node 23 checked!...37 matches found!
node 24 checked!...43 matches found!
node 25 checked!...40 matches found!
node 26 checked!...34 matches found!
node 27 checked!...40 matches found!
node 28 checked!...42 matches found!
node 29 checked!...34 matches found!
node 30 checked!...40 matches found!

Voting array

[37 41 41 40 41 36 32 35 34 36 38 43 41 43 32 38 40 36 37 32 40 38 37 43 40
 34 40 42 34 40]

Putative nodes

[5 28 12 24 14]

Best matching node from voting array

12

Presence of query node in putative nodes

Present

Node 14 -> query image 29
----

97 features detected!

Checking for matches...

node 1 checked!...31 matches found!
node 2 checked!...39 matches found!
node 3 checked!...37 matches found!
node 4 checked!...43 matches found!
node 5 checked!...41 matches found!
node 6 checked!...37 matches found!
node 7 checked!...33 matches found!
node 8 checked!...41 matches found!
node 9 checked!...39 matches found!
node 10 checked!...41 matches found!
node 11 checked!...37 matches found!
node 12 checked!...37 matches found!
node 13 checked!...34 matches found!
node 14 checked!...34 matches found!
node 15 checked!...35 matches found!
node 16 checked!...38 matches found!
node 17 checked!...35 matches found!
node 18 checked!...40 matches found!
node 19 checked!...34 matches found!
node 20 checked!...43 matches found!
node 21 checked!...35 matches found!
node 22 checked!...32 matches found!
node 23 checked!...40 matches found!
node 24 checked!...39 matches found!
node 25 checked!...37 matches found!
node 26 checked!...40 matches found!
node 27 checked!...40 matches found!
node 28 checked!...37 matches found!
node 29 checked!...30 matches found!
node 30 checked!...36 matches found!

Voting array

[31 39 37 43 41 37 33 41 39 41 37 37 34 34 35 38 35 40 34 43 35 32 40 39 37
 40 40 37 30 36]

Putative nodes

[8 10 5 4 20]

Best matching node from voting array

4

Presence of query node in putative nodes

Absent

Node 14 -> query image 30
----

85 features detected!

Checking for matches...

node 1 checked!...31 matches found!
node 2 checked!...35 matches found!
node 3 checked!...34 matches found!
node 4 checked!...39 matches found!
node 5 checked!...37 matches found!
node 6 checked!...32 matches found!
node 7 checked!...35 matches found!
node 8 checked!...34 matches found!
node 9 checked!...32 matches found!
node 10 checked!...39 matches found!
node 11 checked!...34 matches found!
node 12 checked!...38 matches found!
node 13 checked!...35 matches found!
node 14 checked!...34 matches found!
node 15 checked!...34 matches found!
node 16 checked!...37 matches found!
node 17 checked!...34 matches found!
node 18 checked!...35 matches found!
node 19 checked!...32 matches found!
node 20 checked!...38 matches found!
node 21 checked!...33 matches found!
node 22 checked!...30 matches found!
node 23 checked!...40 matches found!
node 24 checked!...35 matches found!
node 25 checked!...35 matches found!
node 26 checked!...36 matches found!
node 27 checked!...37 matches found!
node 28 checked!...34 matches found!
node 29 checked!...32 matches found!
node 30 checked!...34 matches found!

Voting array

[31 35 34 39 37 32 35 34 32 39 34 38 35 34 34 37 34 35 32 38 33 30 40 35 35
 36 37 34 32 34]

Putative nodes

[20 10 4 23 12]

Best matching node from voting array

23

Presence of query node in putative nodes

Absent

Node 14 -> query image 31
----

69 features detected!

Checking for matches...

node 1 checked!...31 matches found!
node 2 checked!...28 matches found!

```
node 3 checked!...28 matches found!
node 4 checked!...35 matches found!
node 5 checked!...32 matches found!
node 6 checked!...29 matches found!
node 7 checked!...31 matches found!
node 8 checked!...28 matches found!
node 9 checked!...25 matches found!
node 10 checked!...27 matches found!
node 11 checked!...26 matches found!
node 12 checked!...28 matches found!
node 13 checked!...31 matches found!
node 14 checked!...32 matches found!
node 15 checked!...31 matches found!
node 16 checked!...30 matches found!
node 17 checked!...29 matches found!
node 18 checked!...28 matches found!
node 19 checked!...28 matches found!
node 20 checked!...27 matches found!
node 21 checked!...26 matches found!
node 22 checked!...31 matches found!
node 23 checked!...30 matches found!
node 24 checked!...30 matches found!
node 25 checked!...29 matches found!
node 26 checked!...32 matches found!
node 27 checked!...30 matches found!
node 28 checked!...31 matches found!
node 29 checked!...28 matches found!
node 30 checked!...29 matches found!

Voting array
--------------
[31 28 28 35 32 29 31 28 25 27 26 28 31 32 31 30 29 28 28 27 26 31 30 30 29
 32 30 31 28 29]

Putative nodes
------------
[13  5 14  4 26]

Best matching node from voting array
----------------------------------------
4

Presence of query node in putative nodes
----------------------------------------
Present


Node 14 -> query image 32
------------------------

0 features detected!

Checking for matches...

node 1 checked!...0 matches found!
node 2 checked!...0 matches found!
node 3 checked!...0 matches found!
node 4 checked!...0 matches found!
node 5 checked!...0 matches found!
node 6 checked!...0 matches found!
node 7 checked!...0 matches found!
node 8 checked!...0 matches found!
```

```
node 9 checked!...0 matches found!
node 10 checked!...0 matches found!
node 11 checked!...0 matches found!
node 12 checked!...0 matches found!
node 13 checked!...0 matches found!
node 14 checked!...0 matches found!
node 15 checked!...0 matches found!
node 16 checked!...0 matches found!
node 17 checked!...0 matches found!
node 18 checked!...0 matches found!
node 19 checked!...0 matches found!
node 20 checked!...0 matches found!
node 21 checked!...0 matches found!
node 22 checked!...0 matches found!
node 23 checked!...0 matches found!
node 24 checked!...0 matches found!
node 25 checked!...0 matches found!
node 26 checked!...0 matches found!
node 27 checked!...0 matches found!
node 28 checked!...0 matches found!
node 29 checked!...0 matches found!
node 30 checked!...0 matches found!

Voting array
--------------
[0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0]

Unable to predict a matching node and putative nodes!

Node 14 -> query image 33
------------------------

44 features detected!

Checking for matches...

node 1 checked!...24 matches found!
node 2 checked!...24 matches found!
node 3 checked!...26 matches found!
node 4 checked!...23 matches found!
node 5 checked!...27 matches found!
node 6 checked!...22 matches found!
node 7 checked!...23 matches found!
node 8 checked!...26 matches found!
node 9 checked!...26 matches found!
node 10 checked!...27 matches found!
node 11 checked!...23 matches found!
node 12 checked!...26 matches found!
node 13 checked!...26 matches found!
node 14 checked!...26 matches found!
node 15 checked!...27 matches found!
node 16 checked!...25 matches found!
node 17 checked!...25 matches found!
node 18 checked!...23 matches found!
node 19 checked!...26 matches found!
node 20 checked!...25 matches found!
node 21 checked!...25 matches found!
node 22 checked!...23 matches found!
node 23 checked!...28 matches found!
node 24 checked!...26 matches found!
node 25 checked!...26 matches found!
node 26 checked!...25 matches found!
```

```
node 27 checked!...22 matches found!
node 28 checked!...25 matches found!
node 29 checked!...21 matches found!
node 30 checked!...24 matches found!

Voting array
--------------
[24 24 26 23 27 22 23 26 26 27 23 26 26 26 27 25 25 23 26 25 25 23 28 26 26
 25 22 25 21 24]

Putative nodes
------------
[13 15 10  5 23]

Best matching node from voting array
----------------------------------------
23

Presence of query node in putative nodes
----------------------------------------
Absent


Node 14 -> query image 34
------------------------

0 features detected!

Checking for matches...

node 1 checked!...0 matches found!
node 2 checked!...0 matches found!
node 3 checked!...0 matches found!
node 4 checked!...0 matches found!
node 5 checked!...0 matches found!
node 6 checked!...0 matches found!
node 7 checked!...0 matches found!
node 8 checked!...0 matches found!
node 9 checked!...0 matches found!
node 10 checked!...0 matches found!
node 11 checked!...0 matches found!
node 12 checked!...0 matches found!
node 13 checked!...0 matches found!
node 14 checked!...0 matches found!
node 15 checked!...0 matches found!
node 16 checked!...0 matches found!
node 17 checked!...0 matches found!
node 18 checked!...0 matches found!
node 19 checked!...0 matches found!
node 20 checked!...0 matches found!
node 21 checked!...0 matches found!
node 22 checked!...0 matches found!
node 23 checked!...0 matches found!
node 24 checked!...0 matches found!
node 25 checked!...0 matches found!
node 26 checked!...0 matches found!
node 27 checked!...0 matches found!
node 28 checked!...0 matches found!
node 29 checked!...0 matches found!
node 30 checked!...0 matches found!

Voting array
```

```
--------------
[0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0]
```

Unable to predict a matching node and putative nodes!

Node 14 -> query image 35
----

54 features detected!

Checking for matches...

```
node 1 checked!...27 matches found!
node 2 checked!...29 matches found!
node 3 checked!...27 matches found!
node 4 checked!...29 matches found!
node 5 checked!...31 matches found!
node 6 checked!...28 matches found!
node 7 checked!...28 matches found!
node 8 checked!...30 matches found!
node 9 checked!...26 matches found!
node 10 checked!...30 matches found!
node 11 checked!...33 matches found!
node 12 checked!...30 matches found!
node 13 checked!...31 matches found!
node 14 checked!...28 matches found!
node 15 checked!...28 matches found!
node 16 checked!...34 matches found!
node 17 checked!...32 matches found!
node 18 checked!...35 matches found!
node 19 checked!...28 matches found!
node 20 checked!...25 matches found!
node 21 checked!...33 matches found!
node 22 checked!...28 matches found!
node 23 checked!...32 matches found!
node 24 checked!...32 matches found!
node 25 checked!...29 matches found!
node 26 checked!...36 matches found!
node 27 checked!...32 matches found!
node 28 checked!...32 matches found!
node 29 checked!...32 matches found!
node 30 checked!...29 matches found!
```

Voting array

```
[27 29 27 29 31 28 28 30 26 30 33 30 31 28 28 34 32 35 28 25 33 28 32 32 29
 36 32 32 32 29]
```

Putative nodes

[21 11 16 26 18]

Best matching node from voting array

26

Presence of query node in putative nodes

Absent

Node 14 -> query image 36

----

38 features detected!

Checking for matches...

node 1 checked!...23 matches found!
node 2 checked!...22 matches found!
node 3 checked!...23 matches found!
node 4 checked!...25 matches found!
node 5 checked!...20 matches found!
node 6 checked!...23 matches found!
node 7 checked!...16 matches found!
node 8 checked!...26 matches found!
node 9 checked!...23 matches found!
node 10 checked!...23 matches found!
node 11 checked!...24 matches found!
node 12 checked!...26 matches found!
node 13 checked!...21 matches found!
node 14 checked!...20 matches found!
node 15 checked!...20 matches found!
node 16 checked!...22 matches found!
node 17 checked!...23 matches found!
node 18 checked!...23 matches found!
node 19 checked!...20 matches found!
node 20 checked!...23 matches found!
node 21 checked!...26 matches found!
node 22 checked!...22 matches found!
node 23 checked!...22 matches found!
node 24 checked!...25 matches found!
node 25 checked!...23 matches found!
node 26 checked!...27 matches found!
node 27 checked!...27 matches found!
node 28 checked!...23 matches found!
node 29 checked!...24 matches found!
node 30 checked!...22 matches found!

Voting array

[23 22 23 25 20 23 16 26 23 23 24 26 21 20 20 22 23 23 20 23 26 22 22 25 23
 27 27 23 24 22]

Putative nodes

[12 27 26 8 21]

Best matching node from voting array

26

Presence of query node in putative nodes

Absent

Node 14 -> query image 37
----

56 features detected!

Checking for matches...

```
node 1 checked!...25 matches found!
node 2 checked!...27 matches found!
node 3 checked!...23 matches found!
node 4 checked!...33 matches found!
node 5 checked!...28 matches found!
node 6 checked!...25 matches found!
node 7 checked!...26 matches found!
node 8 checked!...32 matches found!
node 9 checked!...26 matches found!
node 10 checked!...30 matches found!
node 11 checked!...27 matches found!
node 12 checked!...30 matches found!
node 13 checked!...26 matches found!
node 14 checked!...28 matches found!
node 15 checked!...27 matches found!
node 16 checked!...26 matches found!
node 17 checked!...29 matches found!
node 18 checked!...26 matches found!
node 19 checked!...23 matches found!
node 20 checked!...26 matches found!
node 21 checked!...31 matches found!
node 22 checked!...25 matches found!
node 23 checked!...30 matches found!
node 24 checked!...26 matches found!
node 25 checked!...28 matches found!
node 26 checked!...29 matches found!
node 27 checked!...26 matches found!
node 28 checked!...29 matches found!
node 29 checked!...31 matches found!
node 30 checked!...28 matches found!
```

Voting array

[25 27 23 33 28 25 26 32 26 30 27 30 26 28 27 26 29 26 23 26 31 25 30 26 28
 29 26 29 31 28]

Putative nodes

[10 29 21 4 8]

Best matching node from voting array

4

Presence of query node in putative nodes

Absent

Node 14 -> query image 38
----

39 features detected!

Checking for matches...

```
node 1 checked!...23 matches found!
node 2 checked!...24 matches found!
node 3 checked!...23 matches found!
node 4 checked!...24 matches found!
node 5 checked!...24 matches found!
node 6 checked!...22 matches found!
```

```
node 7 checked!...21 matches found!
node 8 checked!...22 matches found!
node 9 checked!...22 matches found!
node 10 checked!...24 matches found!
node 11 checked!...22 matches found!
node 12 checked!...20 matches found!
node 13 checked!...24 matches found!
node 14 checked!...24 matches found!
node 15 checked!...21 matches found!
node 16 checked!...24 matches found!
node 17 checked!...23 matches found!
node 18 checked!...25 matches found!
node 19 checked!...22 matches found!
node 20 checked!...20 matches found!
node 21 checked!...25 matches found!
node 22 checked!...24 matches found!
node 23 checked!...25 matches found!
node 24 checked!...20 matches found!
node 25 checked!...24 matches found!
node 26 checked!...26 matches found!
node 27 checked!...25 matches found!
node 28 checked!...23 matches found!
node 29 checked!...25 matches found!
node 30 checked!...20 matches found!

Voting array
--------------
[23 24 23 24 24 22 21 22 22 24 22 20 24 24 21 24 23 25 22 20 25 24 25 20 24
 26 25 23 25 20]

Putative nodes
-------------
[23 27 26 21 18]

Best matching node from voting array
----------------------------------------
26

Presence of query node in putative nodes
----------------------------------------
Absent


Node 14 -> query image 39
------------------------

47 features detected!

Checking for matches...

node 1 checked!...21 matches found!
node 2 checked!...20 matches found!
node 3 checked!...23 matches found!
node 4 checked!...28 matches found!
node 5 checked!...26 matches found!
node 6 checked!...19 matches found!
node 7 checked!...20 matches found!
node 8 checked!...28 matches found!
node 9 checked!...23 matches found!
node 10 checked!...22 matches found!
node 11 checked!...32 matches found!
node 12 checked!...23 matches found!
```

```
node 13 checked!...24 matches found!
node 14 checked!...22 matches found!
node 15 checked!...22 matches found!
node 16 checked!...25 matches found!
node 17 checked!...25 matches found!
node 18 checked!...22 matches found!
node 19 checked!...24 matches found!
node 20 checked!...24 matches found!
node 21 checked!...22 matches found!
node 22 checked!...18 matches found!
node 23 checked!...25 matches found!
node 24 checked!...21 matches found!
node 25 checked!...23 matches found!
node 26 checked!...28 matches found!
node 27 checked!...28 matches found!
node 28 checked!...25 matches found!
node 29 checked!...24 matches found!
node 30 checked!...26 matches found!
```

Voting array

[21 20 23 28 26 19 20 28 23 22 32 23 24 22 22 25 25 22 24 24 22 18 25 21 23
 28 28 25 24 26]

Putative nodes

[27 8 4 26 11]

Best matching node from voting array

11

Presence of query node in putative nodes

Absent

Node 14 -> query image 40
----

95 features detected!

Checking for matches...

```
node 1 checked!...29 matches found!
node 2 checked!...35 matches found!
node 3 checked!...36 matches found!
node 4 checked!...37 matches found!
node 5 checked!...33 matches found!
node 6 checked!...28 matches found!
node 7 checked!...26 matches found!
node 8 checked!...31 matches found!
node 9 checked!...30 matches found!
node 10 checked!...28 matches found!
node 11 checked!...31 matches found!
node 12 checked!...31 matches found!
node 13 checked!...29 matches found!
node 14 checked!...33 matches found!
node 15 checked!...30 matches found!
node 16 checked!...31 matches found!
node 17 checked!...33 matches found!
node 18 checked!...37 matches found!
```

```
node 19 checked!...32 matches found!
node 20 checked!...32 matches found!
node 21 checked!...34 matches found!
node 22 checked!...31 matches found!
node 23 checked!...30 matches found!
node 24 checked!...35 matches found!
node 25 checked!...30 matches found!
node 26 checked!...31 matches found!
node 27 checked!...33 matches found!
node 28 checked!...31 matches found!
node 29 checked!...33 matches found!
node 30 checked!...33 matches found!
```

Voting array

[29 35 36 37 33 28 26 31 30 28 31 31 29 33 30 31 33 37 32 32 34 31 30 35 30
 31 33 31 33 33]

Putative nodes

[24 3 4 2 18]

Best matching node from voting array

4

Presence of query node in putative nodes

Absent

 Node 14 testing completed!

Node 15 -> query image 1
----

86 features detected!

Checking for matches...

```
node 1 checked!...28 matches found!
node 2 checked!...33 matches found!
node 3 checked!...29 matches found!
node 4 checked!...32 matches found!
node 5 checked!...33 matches found!
node 6 checked!...30 matches found!
node 7 checked!...30 matches found!
node 8 checked!...36 matches found!
node 9 checked!...33 matches found!
node 10 checked!...35 matches found!
node 11 checked!...34 matches found!
node 12 checked!...31 matches found!
node 13 checked!...34 matches found!
node 14 checked!...30 matches found!
node 15 checked!...35 matches found!
node 16 checked!...37 matches found!
node 17 checked!...41 matches found!
node 18 checked!...31 matches found!
node 19 checked!...34 matches found!
node 20 checked!...32 matches found!
node 21 checked!...39 matches found!
```

```
node 22 checked!...27 matches found!
node 23 checked!...41 matches found!
node 24 checked!...34 matches found!
node 25 checked!...33 matches found!
node 26 checked!...34 matches found!
node 27 checked!...37 matches found!
node 28 checked!...34 matches found!
node 29 checked!...34 matches found!
node 30 checked!...35 matches found!

Voting array
--------------
[28 33 29 32 33 30 30 36 33 35 34 31 34 30 35 37 41 31 34 32 39 27 41 34 33
 34 37 34 34 35]

Putative nodes
------------
[16 27 21 17 23]

Best matching node from voting array
----------------------------------------
17

Presence of query node in putative nodes
----------------------------------------
Absent


Node 15 -> query image 2
------------------------

79 features detected!

Checking for matches...

node 1 checked!...29 matches found!
node 2 checked!...28 matches found!
node 3 checked!...31 matches found!
node 4 checked!...34 matches found!
node 5 checked!...40 matches found!
node 6 checked!...28 matches found!
node 7 checked!...32 matches found!
node 8 checked!...41 matches found!
node 9 checked!...36 matches found!
node 10 checked!...31 matches found!
node 11 checked!...34 matches found!
node 12 checked!...26 matches found!
node 13 checked!...35 matches found!
node 14 checked!...31 matches found!
node 15 checked!...32 matches found!
node 16 checked!...35 matches found!
node 17 checked!...39 matches found!
node 18 checked!...36 matches found!
node 19 checked!...33 matches found!
node 20 checked!...32 matches found!
node 21 checked!...36 matches found!
node 22 checked!...34 matches found!
node 23 checked!...39 matches found!
node 24 checked!...36 matches found!
node 25 checked!...33 matches found!
node 26 checked!...33 matches found!
node 27 checked!...41 matches found!
```

```
node 28 checked!...43 matches found!
node 29 checked!...35 matches found!
node 30 checked!...38 matches found!

Voting array
--------------
[29 28 31 34 40 28 32 41 36 31 34 26 35 31 32 35 39 36 33 32 36 34 39 36 33
 33 41 43 35 38]

Putative nodes
------------
[17  5 28  8 27]

Best matching node from voting array
----------------------------------------
28

Presence of query node in putative nodes
----------------------------------------
Absent


Node 15 -> query image 3
------------------------

43 features detected!

Checking for matches...

node 1 checked!...26 matches found!
node 2 checked!...24 matches found!
node 3 checked!...24 matches found!
node 4 checked!...29 matches found!
node 5 checked!...26 matches found!
node 6 checked!...22 matches found!
node 7 checked!...23 matches found!
node 8 checked!...26 matches found!
node 9 checked!...24 matches found!
node 10 checked!...24 matches found!
node 11 checked!...25 matches found!
node 12 checked!...26 matches found!
node 13 checked!...26 matches found!
node 14 checked!...23 matches found!
node 15 checked!...22 matches found!
node 16 checked!...30 matches found!
node 17 checked!...26 matches found!
node 18 checked!...26 matches found!
node 19 checked!...23 matches found!
node 20 checked!...26 matches found!
node 21 checked!...26 matches found!
node 22 checked!...25 matches found!
node 23 checked!...29 matches found!
node 24 checked!...23 matches found!
node 25 checked!...26 matches found!
node 26 checked!...24 matches found!
node 27 checked!...25 matches found!
node 28 checked!...26 matches found!
node 29 checked!...21 matches found!
node 30 checked!...22 matches found!

Voting array
--------------
```

```
[26 24 24 29 26 22 23 26 24 24 25 26 26 23 22 30 26 26 23 26 26 25 29 23 26
 24 25 26 21 22]
```

Putative nodes

`[20 23  4 18 16]`

Best matching node from voting array

16

Presence of query node in putative nodes

Absent

Node 15 -> query image 4
----

48 features detected!

Checking for matches...

```
node 1 checked!...21 matches found!
node 2 checked!...24 matches found!
node 3 checked!...24 matches found!
node 4 checked!...25 matches found!
node 5 checked!...27 matches found!
node 6 checked!...21 matches found!
node 7 checked!...21 matches found!
node 8 checked!...29 matches found!
node 9 checked!...24 matches found!
node 10 checked!...21 matches found!
node 11 checked!...23 matches found!
node 12 checked!...23 matches found!
node 13 checked!...26 matches found!
node 14 checked!...27 matches found!
node 15 checked!...25 matches found!
node 16 checked!...22 matches found!
node 17 checked!...22 matches found!
node 18 checked!...27 matches found!
node 19 checked!...21 matches found!
node 20 checked!...26 matches found!
node 21 checked!...21 matches found!
node 22 checked!...23 matches found!
node 23 checked!...26 matches found!
node 24 checked!...24 matches found!
node 25 checked!...20 matches found!
node 26 checked!...25 matches found!
node 27 checked!...24 matches found!
node 28 checked!...29 matches found!
node 29 checked!...24 matches found!
node 30 checked!...23 matches found!
```

Voting array

```
[21 24 24 25 27 21 21 29 24 21 23 23 26 27 25 22 22 27 21 26 21 23 26 24 20
 25 24 29 24 23]
```

Putative nodes

`[18  5 28 14  8]`

Best matching node from voting array

8

Presence of query node in putative nodes

Absent

Node 15 -> query image 5
----

30 features detected!

Checking for matches...

node 1 checked!...16 matches found!
node 2 checked!...16 matches found!
node 3 checked!...17 matches found!
node 4 checked!...17 matches found!
node 5 checked!...20 matches found!
node 6 checked!...17 matches found!
node 7 checked!...16 matches found!
node 8 checked!...17 matches found!
node 9 checked!...19 matches found!
node 10 checked!...17 matches found!
node 11 checked!...19 matches found!
node 12 checked!...16 matches found!
node 13 checked!...18 matches found!
node 14 checked!...18 matches found!
node 15 checked!...16 matches found!
node 16 checked!...19 matches found!
node 17 checked!...18 matches found!
node 18 checked!...18 matches found!
node 19 checked!...17 matches found!
node 20 checked!...18 matches found!
node 21 checked!...20 matches found!
node 22 checked!...19 matches found!
node 23 checked!...18 matches found!
node 24 checked!...17 matches found!
node 25 checked!...16 matches found!
node 26 checked!...18 matches found!
node 27 checked!...18 matches found!
node 28 checked!...21 matches found!
node 29 checked!...18 matches found!
node 30 checked!...20 matches found!

Voting array

[16 16 17 17 20 17 16 17 19 17 19 16 18 18 16 19 18 18 17 18 20 19 18 17 16
 18 18 21 18 20]

Putative nodes

[22 5 28 21 30]

Best matching node from voting array

28

Presence of query node in putative nodes

```
----------------------------------------
Absent


Node 15 -> query image 6
------------------------

88 features detected!

Checking for matches...

node 1 checked!...33 matches found!
node 2 checked!...34 matches found!
node 3 checked!...37 matches found!
node 4 checked!...36 matches found!
node 5 checked!...39 matches found!
node 6 checked!...36 matches found!
node 7 checked!...31 matches found!
node 8 checked!...37 matches found!
node 9 checked!...28 matches found!
node 10 checked!...35 matches found!
node 11 checked!...32 matches found!
node 12 checked!...33 matches found!
node 13 checked!...40 matches found!
node 14 checked!...37 matches found!
node 15 checked!...33 matches found!
node 16 checked!...33 matches found!
node 17 checked!...34 matches found!
node 18 checked!...38 matches found!
node 19 checked!...32 matches found!
node 20 checked!...35 matches found!
node 21 checked!...39 matches found!
node 22 checked!...32 matches found!
node 23 checked!...39 matches found!
node 24 checked!...39 matches found!
node 25 checked!...34 matches found!
node 26 checked!...34 matches found!
node 27 checked!...37 matches found!
node 28 checked!...33 matches found!
node 29 checked!...35 matches found!
node 30 checked!...38 matches found!

Voting array
--------------
[33 34 37 36 39 36 31 37 28 35 32 33 40 37 33 33 34 38 32 35 39 32 39 39 34
 34 37 33 35 38]

Putative nodes
------------
[21  5 23 13 24]

Best matching node from voting array
----------------------------------------
13

Presence of query node in putative nodes
----------------------------------------
Absent


Node 15 -> query image 7
------------------------
```

77 features detected!

Checking for matches...

node 1 checked!...35 matches found!
node 2 checked!...32 matches found!
node 3 checked!...27 matches found!
node 4 checked!...35 matches found!
node 5 checked!...35 matches found!
node 6 checked!...31 matches found!
node 7 checked!...24 matches found!
node 8 checked!...30 matches found!
node 9 checked!...28 matches found!
node 10 checked!...34 matches found!
node 11 checked!...35 matches found!
node 12 checked!...28 matches found!
node 13 checked!...30 matches found!
node 14 checked!...30 matches found!
node 15 checked!...26 matches found!
node 16 checked!...34 matches found!
node 17 checked!...34 matches found!
node 18 checked!...33 matches found!
node 19 checked!...32 matches found!
node 20 checked!...32 matches found!
node 21 checked!...35 matches found!
node 22 checked!...26 matches found!
node 23 checked!...34 matches found!
node 24 checked!...25 matches found!
node 25 checked!...27 matches found!
node 26 checked!...33 matches found!
node 27 checked!...31 matches found!
node 28 checked!...28 matches found!
node 29 checked!...28 matches found!
node 30 checked!...33 matches found!

Voting array

[35 32 27 35 35 31 24 30 28 34 35 28 30 30 26 34 34 33 32 32 35 26 34 25 27
 33 31 28 28 33]

Putative nodes

[4 21 5 11 1]

Best matching node from voting array

1

Presence of query node in putative nodes

Absent

Node 15 -> query image 8
----

0 features detected!

Checking for matches...

node 1 checked!...0 matches found!

```
node 2 checked!...0 matches found!
node 3 checked!...0 matches found!
node 4 checked!...0 matches found!
node 5 checked!...0 matches found!
node 6 checked!...0 matches found!
node 7 checked!...0 matches found!
node 8 checked!...0 matches found!
node 9 checked!...0 matches found!
node 10 checked!...0 matches found!
node 11 checked!...0 matches found!
node 12 checked!...0 matches found!
node 13 checked!...0 matches found!
node 14 checked!...0 matches found!
node 15 checked!...0 matches found!
node 16 checked!...0 matches found!
node 17 checked!...0 matches found!
node 18 checked!...0 matches found!
node 19 checked!...0 matches found!
node 20 checked!...0 matches found!
node 21 checked!...0 matches found!
node 22 checked!...0 matches found!
node 23 checked!...0 matches found!
node 24 checked!...0 matches found!
node 25 checked!...0 matches found!
node 26 checked!...0 matches found!
node 27 checked!...0 matches found!
node 28 checked!...0 matches found!
node 29 checked!...0 matches found!
node 30 checked!...0 matches found!

Voting array
--------------
[0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0]

Unable to predict a matching node and putative nodes!

Node 15 -> query image 9
------------------------

82 features detected!

Checking for matches...

node 1 checked!...34 matches found!
node 2 checked!...35 matches found!
node 3 checked!...36 matches found!
node 4 checked!...40 matches found!
node 5 checked!...39 matches found!
node 6 checked!...32 matches found!
node 7 checked!...36 matches found!
node 8 checked!...38 matches found!
node 9 checked!...31 matches found!
node 10 checked!...32 matches found!
node 11 checked!...36 matches found!
node 12 checked!...32 matches found!
node 13 checked!...39 matches found!
node 14 checked!...35 matches found!
node 15 checked!...37 matches found!
node 16 checked!...39 matches found!
node 17 checked!...36 matches found!
node 18 checked!...36 matches found!
node 19 checked!...32 matches found!
```

```
node 20 checked!...36 matches found!
node 21 checked!...33 matches found!
node 22 checked!...37 matches found!
node 23 checked!...39 matches found!
node 24 checked!...37 matches found!
node 25 checked!...35 matches found!
node 26 checked!...41 matches found!
node 27 checked!...34 matches found!
node 28 checked!...38 matches found!
node 29 checked!...36 matches found!
node 30 checked!...33 matches found!

Voting array
--------------
[34 35 36 40 39 32 36 38 31 32 36 32 39 35 37 39 36 36 32 36 33 37 39 37 35
 41 34 38 36 33]

Putative nodes
------------
[23 16  4  5 26]

Best matching node from voting array
----------------------------------------
26

Presence of query node in putative nodes
----------------------------------------
Absent


Node 15 -> query image 10
------------------------

54 features detected!

Checking for matches...

node 1 checked!...29 matches found!
node 2 checked!...25 matches found!
node 3 checked!...29 matches found!
node 4 checked!...28 matches found!
node 5 checked!...26 matches found!
node 6 checked!...28 matches found!
node 7 checked!...26 matches found!
node 8 checked!...21 matches found!
node 9 checked!...25 matches found!
node 10 checked!...28 matches found!
node 11 checked!...26 matches found!
node 12 checked!...25 matches found!
node 13 checked!...26 matches found!
node 14 checked!...28 matches found!
node 15 checked!...25 matches found!
node 16 checked!...28 matches found!
node 17 checked!...27 matches found!
node 18 checked!...24 matches found!
node 19 checked!...27 matches found!
node 20 checked!...29 matches found!
node 21 checked!...28 matches found!
node 22 checked!...32 matches found!
node 23 checked!...29 matches found!
node 24 checked!...29 matches found!
node 25 checked!...28 matches found!
```

```
node 26 checked!...26 matches found!
node 27 checked!...23 matches found!
node 28 checked!...23 matches found!
node 29 checked!...25 matches found!
node 30 checked!...26 matches found!

Voting array
--------------
[29 25 29 28 26 28 26 21 25 28 26 25 26 28 25 28 27 24 27 29 28 32 29 29 28
 26 23 23 25 26]

Putative nodes
------------
[ 3  1 23 24 22]

Best matching node from voting array
----------------------------------------
22

Presence of query node in putative nodes
----------------------------------------
Absent


Node 15 -> query image 11
------------------------

29 features detected!

Checking for matches...

node 1 checked!...21 matches found!
node 2 checked!...18 matches found!
node 3 checked!...17 matches found!
node 4 checked!...18 matches found!
node 5 checked!...18 matches found!
node 6 checked!...17 matches found!
node 7 checked!...17 matches found!
node 8 checked!...17 matches found!
node 9 checked!...18 matches found!
node 10 checked!...16 matches found!
node 11 checked!...18 matches found!
node 12 checked!...17 matches found!
node 13 checked!...17 matches found!
node 14 checked!...18 matches found!
node 15 checked!...16 matches found!
node 16 checked!...19 matches found!
node 17 checked!...18 matches found!
node 18 checked!...18 matches found!
node 19 checked!...19 matches found!
node 20 checked!...17 matches found!
node 21 checked!...19 matches found!
node 22 checked!...17 matches found!
node 23 checked!...17 matches found!
node 24 checked!...17 matches found!
node 25 checked!...17 matches found!
node 26 checked!...18 matches found!
node 27 checked!...17 matches found!
node 28 checked!...17 matches found!
node 29 checked!...17 matches found!
node 30 checked!...19 matches found!
```

Voting array

[21 18 17 18 18 17 17 17 18 16 18 17 17 18 16 19 18 18 19 17 19 17 17 17 17
 18 17 17 17 19]

Putative nodes

[30 21 19 16 1]

Best matching node from voting array

1

Presence of query node in putative nodes

Absent

Node 15 -> query image 12
----

94 features detected!

Checking for matches...

node 1 checked!...38 matches found!
node 2 checked!...34 matches found!
node 3 checked!...39 matches found!
node 4 checked!...41 matches found!
node 5 checked!...39 matches found!
node 6 checked!...32 matches found!
node 7 checked!...32 matches found!
node 8 checked!...38 matches found!
node 9 checked!...33 matches found!
node 10 checked!...39 matches found!
node 11 checked!...42 matches found!
node 12 checked!...33 matches found!
node 13 checked!...36 matches found!
node 14 checked!...36 matches found!
node 15 checked!...38 matches found!
node 16 checked!...37 matches found!
node 17 checked!...40 matches found!
node 18 checked!...39 matches found!
node 19 checked!...40 matches found!
node 20 checked!...36 matches found!
node 21 checked!...36 matches found!
node 22 checked!...34 matches found!
node 23 checked!...38 matches found!
node 24 checked!...37 matches found!
node 25 checked!...36 matches found!
node 26 checked!...39 matches found!
node 27 checked!...41 matches found!
node 28 checked!...45 matches found!
node 29 checked!...35 matches found!
node 30 checked!...40 matches found!

Voting array

[38 34 39 41 39 32 32 38 33 39 42 33 36 36 38 37 40 39 40 36 36 34 38 37 36
 39 41 45 35 40]

Putative nodes

```
------------
[19  4 27 11 28]
```

Best matching node from voting array

28

Presence of query node in putative nodes

Absent

Node 15 -> query image 13
----

88 features detected!

Checking for matches...

```
node 1 checked!...40 matches found!
node 2 checked!...33 matches found!
node 3 checked!...35 matches found!
node 4 checked!...39 matches found!
node 5 checked!...41 matches found!
node 6 checked!...35 matches found!
node 7 checked!...34 matches found!
node 8 checked!...32 matches found!
node 9 checked!...34 matches found!
node 10 checked!...37 matches found!
node 11 checked!...32 matches found!
node 12 checked!...33 matches found!
node 13 checked!...40 matches found!
node 14 checked!...36 matches found!
node 15 checked!...41 matches found!
node 16 checked!...39 matches found!
node 17 checked!...40 matches found!
node 18 checked!...38 matches found!
node 19 checked!...33 matches found!
node 20 checked!...39 matches found!
node 21 checked!...33 matches found!
node 22 checked!...33 matches found!
node 23 checked!...40 matches found!
node 24 checked!...36 matches found!
node 25 checked!...37 matches found!
node 26 checked!...36 matches found!
node 27 checked!...37 matches found!
node 28 checked!...37 matches found!
node 29 checked!...37 matches found!
node 30 checked!...32 matches found!
```

Voting array

```
[40 33 35 39 41 35 34 32 34 37 32 33 40 36 41 39 40 38 33 39 33 33 40 36 37
 36 37 37 37 32]
```

Putative nodes

```
[13 23 17  5 15]
```

Best matching node from voting array

5

Presence of query node in putative nodes

Present

Node 15 -> query image 14
----

87 features detected!

Checking for matches...

node 1 checked!...34 matches found!
node 2 checked!...37 matches found!
node 3 checked!...38 matches found!
node 4 checked!...45 matches found!
node 5 checked!...38 matches found!
node 6 checked!...41 matches found!
node 7 checked!...35 matches found!
node 8 checked!...35 matches found!
node 9 checked!...33 matches found!
node 10 checked!...35 matches found!
node 11 checked!...41 matches found!
node 12 checked!...33 matches found!
node 13 checked!...39 matches found!
node 14 checked!...37 matches found!
node 15 checked!...38 matches found!
node 16 checked!...33 matches found!
node 17 checked!...37 matches found!
node 18 checked!...39 matches found!
node 19 checked!...32 matches found!
node 20 checked!...31 matches found!
node 21 checked!...39 matches found!
node 22 checked!...37 matches found!
node 23 checked!...42 matches found!
node 24 checked!...41 matches found!
node 25 checked!...33 matches found!
node 26 checked!...33 matches found!
node 27 checked!...41 matches found!
node 28 checked!...41 matches found!
node 29 checked!...40 matches found!
node 30 checked!...37 matches found!

Voting array

[34 37 38 45 38 41 35 35 33 35 41 33 39 37 38 33 37 39 32 31 39 37 42 41 33
 33 41 41 40 37]

Putative nodes

[11 6 28 23 4]

Best matching node from voting array

4

Presence of query node in putative nodes

Absent

Node 15 -> query image 15
----

87 features detected!

Checking for matches...

node 1 checked!...32 matches found!
node 2 checked!...37 matches found!
node 3 checked!...39 matches found!
node 4 checked!...45 matches found!
node 5 checked!...35 matches found!
node 6 checked!...39 matches found!
node 7 checked!...36 matches found!
node 8 checked!...33 matches found!
node 9 checked!...34 matches found!
node 10 checked!...32 matches found!
node 11 checked!...40 matches found!
node 12 checked!...33 matches found!
node 13 checked!...42 matches found!
node 14 checked!...36 matches found!
node 15 checked!...40 matches found!
node 16 checked!...37 matches found!
node 17 checked!...37 matches found!
node 18 checked!...40 matches found!
node 19 checked!...36 matches found!
node 20 checked!...31 matches found!
node 21 checked!...36 matches found!
node 22 checked!...40 matches found!
node 23 checked!...41 matches found!
node 24 checked!...41 matches found!
node 25 checked!...35 matches found!
node 26 checked!...35 matches found!
node 27 checked!...43 matches found!
node 28 checked!...39 matches found!
node 29 checked!...40 matches found!
node 30 checked!...40 matches found!

Voting array

[32 37 39 45 35 39 36 33 34 32 40 33 42 36 40 37 37 40 36 31 36 40 41 41 35
 35 43 39 40 40]

Putative nodes

[23 27 24 4 13]

Best matching node from voting array

4

Presence of query node in putative nodes

Absent

Node 15 -> query image 16
----

95 features detected!

Checking for matches...

```
node 1 checked!...36 matches found!
node 2 checked!...36 matches found!
node 3 checked!...34 matches found!
node 4 checked!...36 matches found!
node 5 checked!...40 matches found!
node 6 checked!...33 matches found!
node 7 checked!...34 matches found!
node 8 checked!...34 matches found!
node 9 checked!...30 matches found!
node 10 checked!...35 matches found!
node 11 checked!...37 matches found!
node 12 checked!...34 matches found!
node 13 checked!...39 matches found!
node 14 checked!...41 matches found!
node 15 checked!...38 matches found!
node 16 checked!...44 matches found!
node 17 checked!...33 matches found!
node 18 checked!...37 matches found!
node 19 checked!...42 matches found!
node 20 checked!...38 matches found!
node 21 checked!...42 matches found!
node 22 checked!...35 matches found!
node 23 checked!...41 matches found!
node 24 checked!...44 matches found!
node 25 checked!...36 matches found!
node 26 checked!...41 matches found!
node 27 checked!...41 matches found!
node 28 checked!...42 matches found!
node 29 checked!...35 matches found!
node 30 checked!...36 matches found!

Voting array
--------------
[36 36 34 36 40 33 34 34 30 35 37 34 39 41 38 44 33 37 42 38 42 35 41 44 36
 41 41 42 35 36]

Putative nodes
------------
[28 21 24 16 19]

Best matching node from voting array
----------------------------------------
16

Presence of query node in putative nodes
----------------------------------------
Absent


Node 15 -> query image 17
------------------------

89 features detected!

Checking for matches...

node 1 checked!...36 matches found!
node 2 checked!...32 matches found!
node 3 checked!...35 matches found!
node 4 checked!...35 matches found!
node 5 checked!...39 matches found!
```

```
node 6 checked!...29 matches found!
node 7 checked!...30 matches found!
node 8 checked!...34 matches found!
node 9 checked!...31 matches found!
node 10 checked!...36 matches found!
node 11 checked!...38 matches found!
node 12 checked!...37 matches found!
node 13 checked!...37 matches found!
node 14 checked!...31 matches found!
node 15 checked!...34 matches found!
node 16 checked!...40 matches found!
node 17 checked!...37 matches found!
node 18 checked!...31 matches found!
node 19 checked!...39 matches found!
node 20 checked!...35 matches found!
node 21 checked!...33 matches found!
node 22 checked!...34 matches found!
node 23 checked!...35 matches found!
node 24 checked!...38 matches found!
node 25 checked!...36 matches found!
node 26 checked!...34 matches found!
node 27 checked!...36 matches found!
node 28 checked!...38 matches found!
node 29 checked!...34 matches found!
node 30 checked!...37 matches found!
```

Voting array

[36 32 35 35 39 29 30 34 31 36 38 37 37 31 34 40 37 31 39 35 33 34 35 38 36
 34 36 38 34 37]

Putative nodes

[11 24 19 5 16]

Best matching node from voting array

16

Presence of query node in putative nodes

Absent

Node 15 -> query image 18
----

81 features detected!

Checking for matches...

```
node 1 checked!...35 matches found!
node 2 checked!...35 matches found!
node 3 checked!...39 matches found!
node 4 checked!...38 matches found!
node 5 checked!...32 matches found!
node 6 checked!...33 matches found!
node 7 checked!...30 matches found!
node 8 checked!...36 matches found!
node 9 checked!...29 matches found!
node 10 checked!...40 matches found!
node 11 checked!...33 matches found!
```

```
node 12 checked!...33 matches found!
node 13 checked!...35 matches found!
node 14 checked!...37 matches found!
node 15 checked!...34 matches found!
node 16 checked!...36 matches found!
node 17 checked!...36 matches found!
node 18 checked!...38 matches found!
node 19 checked!...35 matches found!
node 20 checked!...37 matches found!
node 21 checked!...35 matches found!
node 22 checked!...28 matches found!
node 23 checked!...39 matches found!
node 24 checked!...35 matches found!
node 25 checked!...29 matches found!
node 26 checked!...31 matches found!
node 27 checked!...32 matches found!
node 28 checked!...39 matches found!
node 29 checked!...32 matches found!
node 30 checked!...33 matches found!
```

Voting array

[35 35 39 38 32 33 30 36 29 40 33 33 35 37 34 36 36 38 35 37 35 28 39 35 29
 31 32 39 32 33]

Putative nodes

[18 23 28 3 10]

Best matching node from voting array

10

Presence of query node in putative nodes

Absent

Node 15 -> query image 19
----

91 features detected!

Checking for matches...

```
node 1 checked!...31 matches found!
node 2 checked!...41 matches found!
node 3 checked!...42 matches found!
node 4 checked!...46 matches found!
node 5 checked!...39 matches found!
node 6 checked!...37 matches found!
node 7 checked!...35 matches found!
node 8 checked!...42 matches found!
node 9 checked!...32 matches found!
node 10 checked!...35 matches found!
node 11 checked!...34 matches found!
node 12 checked!...34 matches found!
node 13 checked!...39 matches found!
node 14 checked!...42 matches found!
node 15 checked!...39 matches found!
node 16 checked!...36 matches found!
node 17 checked!...34 matches found!
```

```
node 18 checked!...38 matches found!
node 19 checked!...33 matches found!
node 20 checked!...41 matches found!
node 21 checked!...36 matches found!
node 22 checked!...36 matches found!
node 23 checked!...39 matches found!
node 24 checked!...42 matches found!
node 25 checked!...33 matches found!
node 26 checked!...38 matches found!
node 27 checked!...33 matches found!
node 28 checked!...37 matches found!
node 29 checked!...37 matches found!
node 30 checked!...32 matches found!


Voting array
--------------
[31 41 42 46 39 37 35 42 32 35 34 34 39 42 39 36 34 38 33 41 36 36 39 42 33
 38 33 37 37 32]

Putative nodes
------------
[ 8 14  3 24  4]

Best matching node from voting array
----------------------------------------
4

Presence of query node in putative nodes
----------------------------------------
Absent


Node 15 -> query image 20
-----------------------

99 features detected!

Checking for matches...

node 1 checked!...37 matches found!
node 2 checked!...35 matches found!
node 3 checked!...43 matches found!
node 4 checked!...46 matches found!
node 5 checked!...41 matches found!
node 6 checked!...42 matches found!
node 7 checked!...35 matches found!
node 8 checked!...37 matches found!
node 9 checked!...36 matches found!
node 10 checked!...41 matches found!
node 11 checked!...41 matches found!
node 12 checked!...35 matches found!
node 13 checked!...42 matches found!
node 14 checked!...35 matches found!
node 15 checked!...46 matches found!
node 16 checked!...42 matches found!
node 17 checked!...40 matches found!
node 18 checked!...43 matches found!
node 19 checked!...40 matches found!
node 20 checked!...36 matches found!
node 21 checked!...39 matches found!
node 22 checked!...36 matches found!
node 23 checked!...48 matches found!
```

```
node 24 checked!...43 matches found!
node 25 checked!...38 matches found!
node 26 checked!...40 matches found!
node 27 checked!...44 matches found!
node 28 checked!...47 matches found!
node 29 checked!...41 matches found!
node 30 checked!...40 matches found!

Voting array
--------------
[37 35 43 46 41 42 35 37 36 41 41 35 42 35 46 42 40 43 40 36 39 36 48 43 38
 40 44 47 41 40]

Putative nodes
-------------
[27 15 28  4 23]

Best matching node from voting array
----------------------------------------
23

Presence of query node in putative nodes
----------------------------------------
Present


Node 15 -> query image 21
------------------------

84 features detected!

Checking for matches...

node 1 checked!...34 matches found!
node 2 checked!...31 matches found!
node 3 checked!...38 matches found!
node 4 checked!...42 matches found!
node 5 checked!...36 matches found!
node 6 checked!...30 matches found!
node 7 checked!...33 matches found!
node 8 checked!...33 matches found!
node 9 checked!...33 matches found!
node 10 checked!...39 matches found!
node 11 checked!...35 matches found!
node 12 checked!...34 matches found!
node 13 checked!...39 matches found!
node 14 checked!...36 matches found!
node 15 checked!...37 matches found!
node 16 checked!...36 matches found!
node 17 checked!...42 matches found!
node 18 checked!...37 matches found!
node 19 checked!...36 matches found!
node 20 checked!...36 matches found!
node 21 checked!...34 matches found!
node 22 checked!...34 matches found!
node 23 checked!...36 matches found!
node 24 checked!...33 matches found!
node 25 checked!...33 matches found!
node 26 checked!...39 matches found!
node 27 checked!...39 matches found!
node 28 checked!...38 matches found!
node 29 checked!...34 matches found!
```

node 30 checked!...37 matches found!

Voting array

[34 31 38 42 36 30 33 33 33 39 35 34 39 36 37 36 42 37 36 36 34 34 36 33 33
 39 39 38 34 37]

Putative nodes

[13 27 10 17 4]

Best matching node from voting array

4

Presence of query node in putative nodes

Absent

Node 15 -> query image 22
----

92 features detected!

Checking for matches...

node 1 checked!...37 matches found!
node 2 checked!...33 matches found!
node 3 checked!...39 matches found!
node 4 checked!...39 matches found!
node 5 checked!...44 matches found!
node 6 checked!...36 matches found!
node 7 checked!...34 matches found!
node 8 checked!...39 matches found!
node 9 checked!...33 matches found!
node 10 checked!...36 matches found!
node 11 checked!...38 matches found!
node 12 checked!...37 matches found!
node 13 checked!...37 matches found!
node 14 checked!...35 matches found!
node 15 checked!...34 matches found!
node 16 checked!...36 matches found!
node 17 checked!...39 matches found!
node 18 checked!...35 matches found!
node 19 checked!...37 matches found!
node 20 checked!...36 matches found!
node 21 checked!...34 matches found!
node 22 checked!...34 matches found!
node 23 checked!...39 matches found!
node 24 checked!...43 matches found!
node 25 checked!...34 matches found!
node 26 checked!...38 matches found!
node 27 checked!...39 matches found!
node 28 checked!...37 matches found!
node 29 checked!...36 matches found!
node 30 checked!...36 matches found!

Voting array

[37 33 39 39 44 36 34 39 33 36 38 37 37 35 34 36 39 35 37 36 34 34 39 43 34
 38 39 37 36 36]

Putative nodes

[8 24 23 17 5]

Best matching node from voting array

5

Presence of query node in putative nodes

Absent

Node 15 -> query image 23
----

96 features detected!

Checking for matches...

node 1 checked!...37 matches found!
node 2 checked!...37 matches found!
node 3 checked!...40 matches found!
node 4 checked!...42 matches found!
node 5 checked!...39 matches found!
node 6 checked!...41 matches found!
node 7 checked!...32 matches found!
node 8 checked!...35 matches found!
node 9 checked!...31 matches found!
node 10 checked!...41 matches found!
node 11 checked!...35 matches found!
node 12 checked!...34 matches found!
node 13 checked!...39 matches found!
node 14 checked!...37 matches found!
node 15 checked!...37 matches found!
node 16 checked!...39 matches found!
node 17 checked!...41 matches found!
node 18 checked!...40 matches found!
node 19 checked!...34 matches found!
node 20 checked!...35 matches found!
node 21 checked!...39 matches found!
node 22 checked!...35 matches found!
node 23 checked!...40 matches found!
node 24 checked!...35 matches found!
node 25 checked!...37 matches found!
node 26 checked!...37 matches found!
node 27 checked!...40 matches found!
node 28 checked!...40 matches found!
node 29 checked!...33 matches found!
node 30 checked!...35 matches found!

Voting array

[37 37 40 42 39 41 32 35 31 41 35 34 39 37 37 39 41 40 34 35 39 35 40 35 37
 37 40 40 33 35]

Putative nodes

[23 17 6 10 4]

Best matching node from voting array

```
-----------------------------------------
4

Presence of query node in putative nodes
-----------------------------------------
Absent


Node 15 -> query image 24
-------------------------

94 features detected!

Checking for matches...

node 1 checked!...33 matches found!
node 2 checked!...41 matches found!
node 3 checked!...37 matches found!
node 4 checked!...39 matches found!
node 5 checked!...41 matches found!
node 6 checked!...35 matches found!
node 7 checked!...38 matches found!
node 8 checked!...35 matches found!
node 9 checked!...32 matches found!
node 10 checked!...41 matches found!
node 11 checked!...33 matches found!
node 12 checked!...35 matches found!
node 13 checked!...45 matches found!
node 14 checked!...42 matches found!
node 15 checked!...42 matches found!
node 16 checked!...41 matches found!
node 17 checked!...41 matches found!
node 18 checked!...41 matches found!
node 19 checked!...38 matches found!
node 20 checked!...36 matches found!
node 21 checked!...36 matches found!
node 22 checked!...34 matches found!
node 23 checked!...41 matches found!
node 24 checked!...41 matches found!
node 25 checked!...33 matches found!
node 26 checked!...38 matches found!
node 27 checked!...39 matches found!
node 28 checked!...37 matches found!
node 29 checked!...41 matches found!
node 30 checked!...37 matches found!

Voting array
--------------
[33 41 37 39 41 35 38 35 32 41 33 35 45 42 42 41 41 41 38 36 36 34 41 41 33
 38 39 37 41 37]

Putative nodes
------------
[29 10 15 14 13]

Best matching node from voting array
-----------------------------------------
13

Presence of query node in putative nodes
-----------------------------------------
Present
```

Node 15 -> query image 25
----

91 features detected!

Checking for matches...

node 1 checked!...36 matches found!
node 2 checked!...38 matches found!
node 3 checked!...36 matches found!
node 4 checked!...38 matches found!
node 5 checked!...39 matches found!
node 6 checked!...36 matches found!
node 7 checked!...34 matches found!
node 8 checked!...37 matches found!
node 9 checked!...32 matches found!
node 10 checked!...39 matches found!
node 11 checked!...41 matches found!
node 12 checked!...39 matches found!
node 13 checked!...41 matches found!
node 14 checked!...37 matches found!
node 15 checked!...41 matches found!
node 16 checked!...38 matches found!
node 17 checked!...35 matches found!
node 18 checked!...38 matches found!
node 19 checked!...34 matches found!
node 20 checked!...36 matches found!
node 21 checked!...39 matches found!
node 22 checked!...34 matches found!
node 23 checked!...42 matches found!
node 24 checked!...42 matches found!
node 25 checked!...35 matches found!
node 26 checked!...37 matches found!
node 27 checked!...37 matches found!
node 28 checked!...41 matches found!
node 29 checked!...36 matches found!
node 30 checked!...36 matches found!

Voting array

[36 38 36 38 39 36 34 37 32 39 41 39 41 37 41 38 35 38 34 36 39 34 42 42 35
 37 37 41 36 36]

Putative nodes

[11 24 23 13 15]

Best matching node from voting array

23

Presence of query node in putative nodes

Present

Node 15 -> query image 26
----

94 features detected!

Checking for matches...

node 1 checked!...35 matches found!
node 2 checked!...31 matches found!
node 3 checked!...37 matches found!
node 4 checked!...41 matches found!
node 5 checked!...43 matches found!
node 6 checked!...35 matches found!
node 7 checked!...33 matches found!
node 8 checked!...40 matches found!
node 9 checked!...32 matches found!
node 10 checked!...38 matches found!
node 11 checked!...37 matches found!
node 12 checked!...38 matches found!
node 13 checked!...38 matches found!
node 14 checked!...38 matches found!
node 15 checked!...36 matches found!
node 16 checked!...39 matches found!
node 17 checked!...43 matches found!
node 18 checked!...34 matches found!
node 19 checked!...38 matches found!
node 20 checked!...35 matches found!
node 21 checked!...32 matches found!
node 22 checked!...34 matches found!
node 23 checked!...40 matches found!
node 24 checked!...42 matches found!
node 25 checked!...33 matches found!
node 26 checked!...39 matches found!
node 27 checked!...40 matches found!
node 28 checked!...41 matches found!
node 29 checked!...39 matches found!
node 30 checked!...35 matches found!

Voting array

[35 31 37 41 43 35 33 40 32 38 37 38 38 38 36 39 43 34 38 35 32 34 40 42 33
 39 40 41 39 35]

Putative nodes

[4 28 24 17 5]

Best matching node from voting array

5

Presence of query node in putative nodes

Absent

Node 15 -> query image 27
----

99 features detected!

Checking for matches...

node 1 checked!...36 matches found!
node 2 checked!...32 matches found!
node 3 checked!...40 matches found!

```
node 4 checked!...39 matches found!
node 5 checked!...40 matches found!
node 6 checked!...37 matches found!
node 7 checked!...29 matches found!
node 8 checked!...36 matches found!
node 9 checked!...31 matches found!
node 10 checked!...35 matches found!
node 11 checked!...40 matches found!
node 12 checked!...34 matches found!
node 13 checked!...33 matches found!
node 14 checked!...40 matches found!
node 15 checked!...33 matches found!
node 16 checked!...37 matches found!
node 17 checked!...43 matches found!
node 18 checked!...37 matches found!
node 19 checked!...35 matches found!
node 20 checked!...38 matches found!
node 21 checked!...37 matches found!
node 22 checked!...33 matches found!
node 23 checked!...39 matches found!
node 24 checked!...40 matches found!
node 25 checked!...35 matches found!
node 26 checked!...37 matches found!
node 27 checked!...40 matches found!
node 28 checked!...40 matches found!
node 29 checked!...38 matches found!
node 30 checked!...35 matches found!

Voting array
--------------
[36 32 40 39 40 37 29 36 31 35 40 34 33 40 33 37 43 37 35 38 37 33 39 40 35
 37 40 40 38 35]

Putative nodes
------------
[ 5 27 17 24 11]

Best matching node from voting array
---------------------------------------
17

Presence of query node in putative nodes
---------------------------------------
Absent


Node 15 -> query image 28
------------------------

99 features detected!

Checking for matches...

node 1 checked!...36 matches found!
node 2 checked!...38 matches found!
node 3 checked!...36 matches found!
node 4 checked!...42 matches found!
node 5 checked!...37 matches found!
node 6 checked!...39 matches found!
node 7 checked!...32 matches found!
node 8 checked!...40 matches found!
node 9 checked!...31 matches found!
```

```
node 10 checked!...40 matches found!
node 11 checked!...38 matches found!
node 12 checked!...35 matches found!
node 13 checked!...39 matches found!
node 14 checked!...35 matches found!
node 15 checked!...40 matches found!
node 16 checked!...40 matches found!
node 17 checked!...40 matches found!
node 18 checked!...40 matches found!
node 19 checked!...39 matches found!
node 20 checked!...37 matches found!
node 21 checked!...40 matches found!
node 22 checked!...37 matches found!
node 23 checked!...39 matches found!
node 24 checked!...35 matches found!
node 25 checked!...35 matches found!
node 26 checked!...45 matches found!
node 27 checked!...42 matches found!
node 28 checked!...39 matches found!
node 29 checked!...36 matches found!
node 30 checked!...36 matches found!
```

Voting array

[36 38 36 42 37 39 32 40 31 40 38 35 39 35 40 40 40 40 39 37 40 37 39 35 35
 45 42 39 36 36]

Putative nodes

[18 17 4 27 26]

Best matching node from voting array

26

Presence of query node in putative nodes

Absent

Node 15 -> query image 29
----

95 features detected!

Checking for matches...

```
node 1 checked!...35 matches found!
node 2 checked!...36 matches found!
node 3 checked!...42 matches found!
node 4 checked!...43 matches found!
node 5 checked!...38 matches found!
node 6 checked!...37 matches found!
node 7 checked!...40 matches found!
node 8 checked!...39 matches found!
node 9 checked!...34 matches found!
node 10 checked!...38 matches found!
node 11 checked!...40 matches found!
node 12 checked!...32 matches found!
node 13 checked!...43 matches found!
node 14 checked!...42 matches found!
node 15 checked!...45 matches found!
```

```
node 16 checked!...40 matches found!
node 17 checked!...39 matches found!
node 18 checked!...38 matches found!
node 19 checked!...36 matches found!
node 20 checked!...38 matches found!
node 21 checked!...39 matches found!
node 22 checked!...34 matches found!
node 23 checked!...47 matches found!
node 24 checked!...47 matches found!
node 25 checked!...39 matches found!
node 26 checked!...36 matches found!
node 27 checked!...38 matches found!
node 28 checked!...43 matches found!
node 29 checked!...38 matches found!
node 30 checked!...42 matches found!

Voting array
--------------
[35 36 42 43 38 37 40 39 34 38 40 32 43 42 45 40 39 38 36 38 39 34 47 47 39
 36 38 43 38 42]

Putative nodes
------------
[13  4 15 24 23]

Best matching node from voting array
----------------------------------------
23

Presence of query node in putative nodes
----------------------------------------
Present


Node 15 -> query image 30
------------------------

93 features detected!

Checking for matches...

node 1 checked!...32 matches found!
node 2 checked!...30 matches found!
node 3 checked!...35 matches found!
node 4 checked!...41 matches found!
node 5 checked!...38 matches found!
node 6 checked!...34 matches found!
node 7 checked!...30 matches found!
node 8 checked!...37 matches found!
node 9 checked!...32 matches found!
node 10 checked!...38 matches found!
node 11 checked!...39 matches found!
node 12 checked!...37 matches found!
node 13 checked!...35 matches found!
node 14 checked!...34 matches found!
node 15 checked!...35 matches found!
node 16 checked!...40 matches found!
node 17 checked!...41 matches found!
node 18 checked!...33 matches found!
node 19 checked!...40 matches found!
node 20 checked!...37 matches found!
node 21 checked!...34 matches found!
```

```
node 22 checked!...34 matches found!
node 23 checked!...40 matches found!
node 24 checked!...41 matches found!
node 25 checked!...35 matches found!
node 26 checked!...36 matches found!
node 27 checked!...41 matches found!
node 28 checked!...40 matches found!
node 29 checked!...36 matches found!
node 30 checked!...38 matches found!

Voting array
--------------
[32 30 35 41 38 34 30 37 32 38 39 37 35 34 35 40 41 33 40 37 34 34 40 41 35
 36 41 40 36 38]

Putative nodes
------------
[23  4 24 27 17]

Best matching node from voting array
----------------------------------------
4

Presence of query node in putative nodes
----------------------------------------
Absent


Node 15 -> query image 31
------------------------

90 features detected!

Checking for matches...

node 1 checked!...36 matches found!
node 2 checked!...32 matches found!
node 3 checked!...35 matches found!
node 4 checked!...39 matches found!
node 5 checked!...41 matches found!
node 6 checked!...36 matches found!
node 7 checked!...36 matches found!
node 8 checked!...41 matches found!
node 9 checked!...32 matches found!
node 10 checked!...39 matches found!
node 11 checked!...35 matches found!
node 12 checked!...37 matches found!
node 13 checked!...36 matches found!
node 14 checked!...35 matches found!
node 15 checked!...40 matches found!
node 16 checked!...36 matches found!
node 17 checked!...41 matches found!
node 18 checked!...35 matches found!
node 19 checked!...35 matches found!
node 20 checked!...34 matches found!
node 21 checked!...39 matches found!
node 22 checked!...34 matches found!
node 23 checked!...37 matches found!
node 24 checked!...36 matches found!
node 25 checked!...39 matches found!
node 26 checked!...36 matches found!
node 27 checked!...44 matches found!
```

```
node 28 checked!...40 matches found!
node 29 checked!...36 matches found!
node 30 checked!...33 matches found!

Voting array
--------------
[36 32 35 39 41 36 36 41 32 39 35 37 36 35 40 36 41 35 35 34 39 34 37 36 39
 36 44 40 36 33]

Putative nodes
------------
[15 27  5 17  8]

Best matching node from voting array
--------------------------------------
27

Presence of query node in putative nodes
--------------------------------------
Present


Node 15 -> query image 32
-----------------------

96 features detected!

Checking for matches...

node 1 checked!...34 matches found!
node 2 checked!...39 matches found!
node 3 checked!...41 matches found!
node 4 checked!...41 matches found!
node 5 checked!...41 matches found!
node 6 checked!...36 matches found!
node 7 checked!...41 matches found!
node 8 checked!...42 matches found!
node 9 checked!...33 matches found!
node 10 checked!...45 matches found!
node 11 checked!...39 matches found!
node 12 checked!...34 matches found!
node 13 checked!...48 matches found!
node 14 checked!...41 matches found!
node 15 checked!...47 matches found!
node 16 checked!...44 matches found!
node 17 checked!...37 matches found!
node 18 checked!...40 matches found!
node 19 checked!...42 matches found!
node 20 checked!...35 matches found!
node 21 checked!...42 matches found!
node 22 checked!...35 matches found!
node 23 checked!...43 matches found!
node 24 checked!...44 matches found!
node 25 checked!...32 matches found!
node 26 checked!...37 matches found!
node 27 checked!...44 matches found!
node 28 checked!...41 matches found!
node 29 checked!...41 matches found!
node 30 checked!...39 matches found!

Voting array
--------------
```

```
[34 39 41 41 41 36 41 42 33 45 39 34 48 41 47 44 37 40 42 35 42 35 43 44 32
 37 44 41 41 39]
```

Putative nodes

[16 24 10 15 13]

Best matching node from voting array

13

Presence of query node in putative nodes

Present

Node 15 -> query image 33
----

93 features detected!

Checking for matches...

node 1 checked!...36 matches found!
node 2 checked!...36 matches found!
node 3 checked!...41 matches found!
node 4 checked!...42 matches found!
node 5 checked!...38 matches found!
node 6 checked!...41 matches found!
node 7 checked!...38 matches found!
node 8 checked!...39 matches found!
node 9 checked!...35 matches found!
node 10 checked!...39 matches found!
node 11 checked!...42 matches found!
node 12 checked!...31 matches found!
node 13 checked!...45 matches found!
node 14 checked!...39 matches found!
node 15 checked!...42 matches found!
node 16 checked!...41 matches found!
node 17 checked!...38 matches found!
node 18 checked!...39 matches found!
node 19 checked!...38 matches found!
node 20 checked!...35 matches found!
node 21 checked!...34 matches found!
node 22 checked!...34 matches found!
node 23 checked!...42 matches found!
node 24 checked!...42 matches found!
node 25 checked!...35 matches found!
node 26 checked!...36 matches found!
node 27 checked!...40 matches found!
node 28 checked!...43 matches found!
node 29 checked!...37 matches found!
node 30 checked!...38 matches found!

Voting array

```
[36 36 41 42 38 41 38 39 35 39 42 31 45 39 42 41 38 39 38 35 34 34 42 42 35
 36 40 43 37 38]
```

Putative nodes

[23 24 28 13 15]

Best matching node from voting array

13

Presence of query node in putative nodes

Present

Node 15 -> query image 34
----

0 features detected!

Checking for matches...

node 1 checked!...0 matches found!
node 2 checked!...0 matches found!
node 3 checked!...0 matches found!
node 4 checked!...0 matches found!
node 5 checked!...0 matches found!
node 6 checked!...0 matches found!
node 7 checked!...0 matches found!
node 8 checked!...0 matches found!
node 9 checked!...0 matches found!
node 10 checked!...0 matches found!
node 11 checked!...0 matches found!
node 12 checked!...0 matches found!
node 13 checked!...0 matches found!
node 14 checked!...0 matches found!
node 15 checked!...0 matches found!
node 16 checked!...0 matches found!
node 17 checked!...0 matches found!
node 18 checked!...0 matches found!
node 19 checked!...0 matches found!
node 20 checked!...0 matches found!
node 21 checked!...0 matches found!
node 22 checked!...0 matches found!
node 23 checked!...0 matches found!
node 24 checked!...0 matches found!
node 25 checked!...0 matches found!
node 26 checked!...0 matches found!
node 27 checked!...0 matches found!
node 28 checked!...0 matches found!
node 29 checked!...0 matches found!
node 30 checked!...0 matches found!

Voting array

[0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0]

Unable to predict a matching node and putative nodes!

Node 15 -> query image 35
----

2 features detected!

Checking for matches...

node 1 checked!...2 matches found!

```
node 2 checked!...2 matches found!
node 3 checked!...2 matches found!
node 4 checked!...2 matches found!
node 5 checked!...2 matches found!
node 6 checked!...2 matches found!
node 7 checked!...2 matches found!
node 8 checked!...2 matches found!
node 9 checked!...2 matches found!
node 10 checked!...2 matches found!
node 11 checked!...2 matches found!
node 12 checked!...2 matches found!
node 13 checked!...2 matches found!
node 14 checked!...2 matches found!
node 15 checked!...2 matches found!
node 16 checked!...2 matches found!
node 17 checked!...2 matches found!
node 18 checked!...2 matches found!
node 19 checked!...2 matches found!
node 20 checked!...2 matches found!
node 21 checked!...2 matches found!
node 22 checked!...2 matches found!
node 23 checked!...2 matches found!
node 24 checked!...2 matches found!
node 25 checked!...2 matches found!
node 26 checked!...2 matches found!
node 27 checked!...2 matches found!
node 28 checked!...2 matches found!
node 29 checked!...2 matches found!
node 30 checked!...2 matches found!

Voting array
--------------
[2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2]

Putative nodes
------------
[11 14 12 10 30]

Best matching node from voting array
----------------------------------------
1

Presence of query node in putative nodes
----------------------------------------
Absent


Node 15 -> query image 36
------------------------

65 features detected!

Checking for matches...

node 1 checked!...25 matches found!
node 2 checked!...27 matches found!
node 3 checked!...33 matches found!
node 4 checked!...28 matches found!
node 5 checked!...30 matches found!
node 6 checked!...23 matches found!
node 7 checked!...25 matches found!
node 8 checked!...28 matches found!
```

```
node 9 checked!...23 matches found!
node 10 checked!...29 matches found!
node 11 checked!...29 matches found!
node 12 checked!...26 matches found!
node 13 checked!...29 matches found!
node 14 checked!...28 matches found!
node 15 checked!...24 matches found!
node 16 checked!...27 matches found!
node 17 checked!...27 matches found!
node 18 checked!...25 matches found!
node 19 checked!...21 matches found!
node 20 checked!...29 matches found!
node 21 checked!...30 matches found!
node 22 checked!...22 matches found!
node 23 checked!...26 matches found!
node 24 checked!...21 matches found!
node 25 checked!...25 matches found!
node 26 checked!...25 matches found!
node 27 checked!...29 matches found!
node 28 checked!...29 matches found!
node 29 checked!...27 matches found!
node 30 checked!...24 matches found!


Voting array
--------------
[25 27 33 28 30 23 25 28 23 29 29 26 29 28 24 27 27 25 21 29 30 22 26 21 25
 25 29 29 27 24]

Putative nodes
------------
[13 27 21  3  5]

Best matching node from voting array
----------------------------------------
3

Presence of query node in putative nodes
----------------------------------------
Absent


Node 15 -> query image 37
------------------------

0 features detected!

Checking for matches...

node 1 checked!...0 matches found!
node 2 checked!...0 matches found!
node 3 checked!...0 matches found!
node 4 checked!...0 matches found!
node 5 checked!...0 matches found!
node 6 checked!...0 matches found!
node 7 checked!...0 matches found!
node 8 checked!...0 matches found!
node 9 checked!...0 matches found!
node 10 checked!...0 matches found!
node 11 checked!...0 matches found!
node 12 checked!...0 matches found!
node 13 checked!...0 matches found!
node 14 checked!...0 matches found!
```

```
node 15 checked!...0 matches found!
node 16 checked!...0 matches found!
node 17 checked!...0 matches found!
node 18 checked!...0 matches found!
node 19 checked!...0 matches found!
node 20 checked!...0 matches found!
node 21 checked!...0 matches found!
node 22 checked!...0 matches found!
node 23 checked!...0 matches found!
node 24 checked!...0 matches found!
node 25 checked!...0 matches found!
node 26 checked!...0 matches found!
node 27 checked!...0 matches found!
node 28 checked!...0 matches found!
node 29 checked!...0 matches found!
node 30 checked!...0 matches found!

Voting array
--------------
[0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0]

Unable to predict a matching node and putative nodes!

Node 15 -> query image 38
-----------------------

0 features detected!

Checking for matches...

node 1 checked!...0 matches found!
node 2 checked!...0 matches found!
node 3 checked!...0 matches found!
node 4 checked!...0 matches found!
node 5 checked!...0 matches found!
node 6 checked!...0 matches found!
node 7 checked!...0 matches found!
node 8 checked!...0 matches found!
node 9 checked!...0 matches found!
node 10 checked!...0 matches found!
node 11 checked!...0 matches found!
node 12 checked!...0 matches found!
node 13 checked!...0 matches found!
node 14 checked!...0 matches found!
node 15 checked!...0 matches found!
node 16 checked!...0 matches found!
node 17 checked!...0 matches found!
node 18 checked!...0 matches found!
node 19 checked!...0 matches found!
node 20 checked!...0 matches found!
node 21 checked!...0 matches found!
node 22 checked!...0 matches found!
node 23 checked!...0 matches found!
node 24 checked!...0 matches found!
node 25 checked!...0 matches found!
node 26 checked!...0 matches found!
node 27 checked!...0 matches found!
node 28 checked!...0 matches found!
node 29 checked!...0 matches found!
node 30 checked!...0 matches found!

Voting array
```

```
--------------
[0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0]

Unable to predict a matching node and putative nodes!

Node 15 -> query image 39
-----------------------

10 features detected!

Checking for matches...

node 1 checked!...7 matches found!
node 2 checked!...7 matches found!
node 3 checked!...7 matches found!
node 4 checked!...7 matches found!
node 5 checked!...7 matches found!
node 6 checked!...7 matches found!
node 7 checked!...6 matches found!
node 8 checked!...7 matches found!
node 9 checked!...7 matches found!
node 10 checked!...7 matches found!
node 11 checked!...7 matches found!
node 12 checked!...7 matches found!
node 13 checked!...7 matches found!
node 14 checked!...6 matches found!
node 15 checked!...6 matches found!
node 16 checked!...7 matches found!
node 17 checked!...7 matches found!
node 18 checked!...7 matches found!
node 19 checked!...7 matches found!
node 20 checked!...7 matches found!
node 21 checked!...7 matches found!
node 22 checked!...7 matches found!
node 23 checked!...7 matches found!
node 24 checked!...7 matches found!
node 25 checked!...7 matches found!
node 26 checked!...7 matches found!
node 27 checked!...7 matches found!
node 28 checked!...7 matches found!
node 29 checked!...7 matches found!
node 30 checked!...7 matches found!

Voting array
--------------
[7 7 7 7 7 7 6 7 7 7 7 7 7 6 6 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7]

Putative nodes
------------
[11  2 12 10 30]

Best matching node from voting array
----------------------------------------
1

Presence of query node in putative nodes
----------------------------------------
Absent


Node 15 -> query image 40
-----------------------
```

58 features detected!

Checking for matches...

node 1 checked!...26 matches found!
node 2 checked!...26 matches found!
node 3 checked!...28 matches found!
node 4 checked!...30 matches found!
node 5 checked!...33 matches found!
node 6 checked!...24 matches found!
node 7 checked!...29 matches found!
node 8 checked!...32 matches found!
node 9 checked!...28 matches found!
node 10 checked!...30 matches found!
node 11 checked!...27 matches found!
node 12 checked!...27 matches found!
node 13 checked!...31 matches found!
node 14 checked!...30 matches found!
node 15 checked!...31 matches found!
node 16 checked!...27 matches found!
node 17 checked!...31 matches found!
node 18 checked!...30 matches found!
node 19 checked!...30 matches found!
node 20 checked!...26 matches found!
node 21 checked!...31 matches found!
node 22 checked!...25 matches found!
node 23 checked!...31 matches found!
node 24 checked!...30 matches found!
node 25 checked!...23 matches found!
node 26 checked!...29 matches found!
node 27 checked!...30 matches found!
node 28 checked!...31 matches found!
node 29 checked!...29 matches found!
node 30 checked!...30 matches found!

Voting array

[26 26 28 30 33 24 29 32 28 30 27 27 31 30 31 27 31 30 30 26 31 25 31 30 23
 29 30 31 29 30]

Putative nodes

[15 17 23 8 5]

Best matching node from voting array

5

Presence of query node in putative nodes

Present

 Node 15 testing completed!

Node 16 -> query image 1
----

71 features detected!

Checking for matches...

node 1 checked!...30 matches found!
node 2 checked!...29 matches found!
node 3 checked!...32 matches found!
node 4 checked!...31 matches found!
node 5 checked!...33 matches found!
node 6 checked!...32 matches found!
node 7 checked!...33 matches found!
node 8 checked!...33 matches found!
node 9 checked!...25 matches found!
node 10 checked!...31 matches found!
node 11 checked!...31 matches found!
node 12 checked!...30 matches found!
node 13 checked!...31 matches found!
node 14 checked!...37 matches found!
node 15 checked!...30 matches found!
node 16 checked!...34 matches found!
node 17 checked!...37 matches found!
node 18 checked!...37 matches found!
node 19 checked!...33 matches found!
node 20 checked!...33 matches found!
node 21 checked!...34 matches found!
node 22 checked!...33 matches found!
node 23 checked!...33 matches found!
node 24 checked!...33 matches found!
node 25 checked!...30 matches found!
node 26 checked!...33 matches found!
node 27 checked!...31 matches found!
node 28 checked!...30 matches found!
node 29 checked!...33 matches found!
node 30 checked!...33 matches found!

Voting array

[30 29 32 31 33 32 33 33 25 31 31 30 31 37 30 34 37 37 33 33 34 33 33 33 30
 33 31 30 33 33]

Putative nodes

[21 16 18 14 17]

Best matching node from voting array

14

Presence of query node in putative nodes

Present

Node 16 -> query image 2
----

82 features detected!

Checking for matches...

node 1 checked!...33 matches found!
node 2 checked!...33 matches found!
node 3 checked!...30 matches found!
node 4 checked!...35 matches found!

```
node 5 checked!...34 matches found!
node 6 checked!...27 matches found!
node 7 checked!...27 matches found!
node 8 checked!...33 matches found!
node 9 checked!...24 matches found!
node 10 checked!...31 matches found!
node 11 checked!...34 matches found!
node 12 checked!...33 matches found!
node 13 checked!...32 matches found!
node 14 checked!...35 matches found!
node 15 checked!...27 matches found!
node 16 checked!...32 matches found!
node 17 checked!...37 matches found!
node 18 checked!...31 matches found!
node 19 checked!...29 matches found!
node 20 checked!...32 matches found!
node 21 checked!...37 matches found!
node 22 checked!...31 matches found!
node 23 checked!...34 matches found!
node 24 checked!...34 matches found!
node 25 checked!...28 matches found!
node 26 checked!...31 matches found!
node 27 checked!...31 matches found!
node 28 checked!...32 matches found!
node 29 checked!...25 matches found!
node 30 checked!...32 matches found!


Voting array
--------------
[33 33 30 35 34 27 27 33 24 31 34 33 32 35 27 32 37 31 29 32 37 31 34 34 28
 31 31 32 25 32]

Putative nodes
------------
[24  4 14 21 17]

Best matching node from voting array
----------------------------------------
17

Presence of query node in putative nodes
----------------------------------------
Absent


Node 16 -> query image 3
------------------------

65 features detected!

Checking for matches...

node 1 checked!...24 matches found!
node 2 checked!...28 matches found!
node 3 checked!...30 matches found!
node 4 checked!...31 matches found!
node 5 checked!...32 matches found!
node 6 checked!...24 matches found!
node 7 checked!...21 matches found!
node 8 checked!...30 matches found!
node 9 checked!...23 matches found!
node 10 checked!...29 matches found!
```

```
node 11 checked!...27 matches found!
node 12 checked!...23 matches found!
node 13 checked!...28 matches found!
node 14 checked!...29 matches found!
node 15 checked!...26 matches found!
node 16 checked!...25 matches found!
node 17 checked!...29 matches found!
node 18 checked!...33 matches found!
node 19 checked!...23 matches found!
node 20 checked!...29 matches found!
node 21 checked!...31 matches found!
node 22 checked!...24 matches found!
node 23 checked!...33 matches found!
node 24 checked!...27 matches found!
node 25 checked!...25 matches found!
node 26 checked!...29 matches found!
node 27 checked!...27 matches found!
node 28 checked!...28 matches found!
node 29 checked!...25 matches found!
node 30 checked!...27 matches found!
```

Voting array

[24 28 30 31 32 24 21 30 23 29 27 23 28 29 26 25 29 33 23 29 31 24 33 27 25
 29 27 28 25 27]

Putative nodes

[21 4 5 18 23]

Best matching node from voting array

18

Presence of query node in putative nodes

Absent

Node 16 -> query image 4
----

63 features detected!

Checking for matches...

```
node 1 checked!...26 matches found!
node 2 checked!...26 matches found!
node 3 checked!...25 matches found!
node 4 checked!...28 matches found!
node 5 checked!...30 matches found!
node 6 checked!...24 matches found!
node 7 checked!...22 matches found!
node 8 checked!...32 matches found!
node 9 checked!...26 matches found!
node 10 checked!...28 matches found!
node 11 checked!...27 matches found!
node 12 checked!...26 matches found!
node 13 checked!...30 matches found!
node 14 checked!...23 matches found!
node 15 checked!...23 matches found!
node 16 checked!...29 matches found!
```

```
node 17 checked!...27 matches found!
node 18 checked!...29 matches found!
node 19 checked!...24 matches found!
node 20 checked!...29 matches found!
node 21 checked!...26 matches found!
node 22 checked!...23 matches found!
node 23 checked!...30 matches found!
node 24 checked!...27 matches found!
node 25 checked!...27 matches found!
node 26 checked!...27 matches found!
node 27 checked!...31 matches found!
node 28 checked!...26 matches found!
node 29 checked!...26 matches found!
node 30 checked!...27 matches found!


Voting array
--------------
[26 26 25 28 30 24 22 32 26 28 27 26 30 23 23 29 27 29 24 29 26 23 30 27 27
 27 31 26 26 27]

Putative nodes
-------------
[13 23  5 27  8]

Best matching node from voting array
----------------------------------------
8

Presence of query node in putative nodes
----------------------------------------
Absent


Node 16 -> query image 5
------------------------

0 features detected!

Checking for matches...

node 1 checked!...0 matches found!
node 2 checked!...0 matches found!
node 3 checked!...0 matches found!
node 4 checked!...0 matches found!
node 5 checked!...0 matches found!
node 6 checked!...0 matches found!
node 7 checked!...0 matches found!
node 8 checked!...0 matches found!
node 9 checked!...0 matches found!
node 10 checked!...0 matches found!
node 11 checked!...0 matches found!
node 12 checked!...0 matches found!
node 13 checked!...0 matches found!
node 14 checked!...0 matches found!
node 15 checked!...0 matches found!
node 16 checked!...0 matches found!
node 17 checked!...0 matches found!
node 18 checked!...0 matches found!
node 19 checked!...0 matches found!
node 20 checked!...0 matches found!
node 21 checked!...0 matches found!
node 22 checked!...0 matches found!
```

```
node 23 checked!...0 matches found!
node 24 checked!...0 matches found!
node 25 checked!...0 matches found!
node 26 checked!...0 matches found!
node 27 checked!...0 matches found!
node 28 checked!...0 matches found!
node 29 checked!...0 matches found!
node 30 checked!...0 matches found!
```

Voting array

[0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0]

Unable to predict a matching node and putative nodes!

Node 16 -> query image 6
----

10 features detected!

Checking for matches...

```
node 1 checked!...8 matches found!
node 2 checked!...8 matches found!
node 3 checked!...8 matches found!
node 4 checked!...9 matches found!
node 5 checked!...9 matches found!
node 6 checked!...7 matches found!
node 7 checked!...8 matches found!
node 8 checked!...9 matches found!
node 9 checked!...8 matches found!
node 10 checked!...8 matches found!
node 11 checked!...9 matches found!
node 12 checked!...8 matches found!
node 13 checked!...8 matches found!
node 14 checked!...9 matches found!
node 15 checked!...9 matches found!
node 16 checked!...9 matches found!
node 17 checked!...9 matches found!
node 18 checked!...8 matches found!
node 19 checked!...9 matches found!
node 20 checked!...8 matches found!
node 21 checked!...9 matches found!
node 22 checked!...8 matches found!
node 23 checked!...8 matches found!
node 24 checked!...9 matches found!
node 25 checked!...9 matches found!
node 26 checked!...8 matches found!
node 27 checked!...8 matches found!
node 28 checked!...8 matches found!
node 29 checked!...9 matches found!
node 30 checked!...9 matches found!
```

Voting array

[8 8 8 9 9 7 8 9 8 8 9 8 8 9 9 9 9 8 9 8 9 8 8 9 9 8 8 8 9 9]

Putative nodes

[19 17 14 16 30]

Best matching node from voting array

```
----------------------------------------
4

Presence of query node in putative nodes
----------------------------------------
Present


Node 16 -> query image 7
------------------------

79 features detected!

Checking for matches...

node 1 checked!...34 matches found!
node 2 checked!...33 matches found!
node 3 checked!...33 matches found!
node 4 checked!...35 matches found!
node 5 checked!...32 matches found!
node 6 checked!...29 matches found!
node 7 checked!...27 matches found!
node 8 checked!...32 matches found!
node 9 checked!...27 matches found!
node 10 checked!...32 matches found!
node 11 checked!...32 matches found!
node 12 checked!...30 matches found!
node 13 checked!...35 matches found!
node 14 checked!...37 matches found!
node 15 checked!...32 matches found!
node 16 checked!...35 matches found!
node 17 checked!...29 matches found!
node 18 checked!...39 matches found!
node 19 checked!...31 matches found!
node 20 checked!...30 matches found!
node 21 checked!...34 matches found!
node 22 checked!...32 matches found!
node 23 checked!...37 matches found!
node 24 checked!...27 matches found!
node 25 checked!...30 matches found!
node 26 checked!...34 matches found!
node 27 checked!...25 matches found!
node 28 checked!...33 matches found!
node 29 checked!...24 matches found!
node 30 checked!...28 matches found!

Voting array
--------------
[34 33 33 35 32 29 27 32 27 32 32 30 35 37 32 35 29 39 31 30 34 32 37 27 30
 34 25 33 24 28]

Putative nodes
------------
[13 23 18 14 16]

Best matching node from voting array
----------------------------------------
18

Presence of query node in putative nodes
----------------------------------------
Present
```

Node 16 -> query image 8
----

51 features detected!

Checking for matches...

node 1 checked!...25 matches found!
node 2 checked!...26 matches found!
node 3 checked!...24 matches found!
node 4 checked!...27 matches found!
node 5 checked!...23 matches found!
node 6 checked!...24 matches found!
node 7 checked!...18 matches found!
node 8 checked!...29 matches found!
node 9 checked!...23 matches found!
node 10 checked!...24 matches found!
node 11 checked!...24 matches found!
node 12 checked!...23 matches found!
node 13 checked!...25 matches found!
node 14 checked!...22 matches found!
node 15 checked!...23 matches found!
node 16 checked!...22 matches found!
node 17 checked!...24 matches found!
node 18 checked!...27 matches found!
node 19 checked!...25 matches found!
node 20 checked!...25 matches found!
node 21 checked!...27 matches found!
node 22 checked!...22 matches found!
node 23 checked!...27 matches found!
node 24 checked!...24 matches found!
node 25 checked!...23 matches found!
node 26 checked!...25 matches found!
node 27 checked!...23 matches found!
node 28 checked!...28 matches found!
node 29 checked!...24 matches found!
node 30 checked!...25 matches found!

Voting array

[25 26 24 27 23 24 18 29 23 24 24 23 25 22 23 22 24 27 25 25 27 22 27 24 23
 25 23 28 24 25]

Putative nodes

[21 18 28 23 8]

Best matching node from voting array

8

Presence of query node in putative nodes

Absent

Node 16 -> query image 9
----

25 features detected!

Checking for matches...

node 1 checked!...15 matches found!
node 2 checked!...17 matches found!
node 3 checked!...19 matches found!
node 4 checked!...17 matches found!
node 5 checked!...16 matches found!
node 6 checked!...15 matches found!
node 7 checked!...14 matches found!
node 8 checked!...19 matches found!
node 9 checked!...14 matches found!
node 10 checked!...20 matches found!
node 11 checked!...19 matches found!
node 12 checked!...16 matches found!
node 13 checked!...17 matches found!
node 14 checked!...16 matches found!
node 15 checked!...13 matches found!
node 16 checked!...16 matches found!
node 17 checked!...14 matches found!
node 18 checked!...17 matches found!
node 19 checked!...14 matches found!
node 20 checked!...16 matches found!
node 21 checked!...16 matches found!
node 22 checked!...14 matches found!
node 23 checked!...16 matches found!
node 24 checked!...14 matches found!
node 25 checked!...15 matches found!
node 26 checked!...14 matches found!
node 27 checked!...15 matches found!
node 28 checked!...16 matches found!
node 29 checked!...15 matches found!
node 30 checked!...15 matches found!

Voting array

[15 17 19 17 16 15 14 19 14 20 19 16 17 16 13 16 14 17 14 16 16 14 16 14 15
 14 15 16 15 15]

Putative nodes

[18 3 11 8 10]

Best matching node from voting array

10

Presence of query node in putative nodes

Absent

Node 16 -> query image 10
----

88 features detected!

Checking for matches...

node 1 checked!...37 matches found!
node 2 checked!...32 matches found!
node 3 checked!...37 matches found!

```
node 4 checked!...40 matches found!
node 5 checked!...39 matches found!
node 6 checked!...36 matches found!
node 7 checked!...41 matches found!
node 8 checked!...42 matches found!
node 9 checked!...37 matches found!
node 10 checked!...38 matches found!
node 11 checked!...34 matches found!
node 12 checked!...31 matches found!
node 13 checked!...36 matches found!
node 14 checked!...35 matches found!
node 15 checked!...40 matches found!
node 16 checked!...42 matches found!
node 17 checked!...38 matches found!
node 18 checked!...35 matches found!
node 19 checked!...37 matches found!
node 20 checked!...33 matches found!
node 21 checked!...38 matches found!
node 22 checked!...34 matches found!
node 23 checked!...43 matches found!
node 24 checked!...37 matches found!
node 25 checked!...41 matches found!
node 26 checked!...39 matches found!
node 27 checked!...35 matches found!
node 28 checked!...42 matches found!
node 29 checked!...38 matches found!
node 30 checked!...38 matches found!

Voting array
--------------
[37 32 37 40 39 36 41 42 37 38 34 31 36 35 40 42 38 35 37 33 38 34 43 37 41
 39 35 42 38 38]

Putative nodes
------------
[25 16 28  8 23]

Best matching node from voting array
----------------------------------------
23

Presence of query node in putative nodes
----------------------------------------
Present


Node 16 -> query image 11
------------------------

42 features detected!

Checking for matches...

node 1 checked!...22 matches found!
node 2 checked!...22 matches found!
node 3 checked!...21 matches found!
node 4 checked!...23 matches found!
node 5 checked!...23 matches found!
node 6 checked!...22 matches found!
node 7 checked!...19 matches found!
node 8 checked!...21 matches found!
node 9 checked!...20 matches found!
```

```
node 10 checked!...23 matches found!
node 11 checked!...26 matches found!
node 12 checked!...21 matches found!
node 13 checked!...22 matches found!
node 14 checked!...23 matches found!
node 15 checked!...23 matches found!
node 16 checked!...23 matches found!
node 17 checked!...26 matches found!
node 18 checked!...24 matches found!
node 19 checked!...23 matches found!
node 20 checked!...22 matches found!
node 21 checked!...27 matches found!
node 22 checked!...24 matches found!
node 23 checked!...23 matches found!
node 24 checked!...26 matches found!
node 25 checked!...21 matches found!
node 26 checked!...22 matches found!
node 27 checked!...23 matches found!
node 28 checked!...25 matches found!
node 29 checked!...25 matches found!
node 30 checked!...24 matches found!
```

Voting array

[22 22 21 23 23 22 19 21 20 23 26 21 22 23 23 23 26 24 23 22 27 24 23 26 21
 22 23 25 25 24]

Putative nodes

[29 17 24 21 11]

Best matching node from voting array

21

Presence of query node in putative nodes

Absent

Node 16 -> query image 12
----

75 features detected!

Checking for matches...

```
node 1 checked!...27 matches found!
node 2 checked!...31 matches found!
node 3 checked!...31 matches found!
node 4 checked!...30 matches found!
node 5 checked!...27 matches found!
node 6 checked!...25 matches found!
node 7 checked!...23 matches found!
node 8 checked!...29 matches found!
node 9 checked!...22 matches found!
node 10 checked!...29 matches found!
node 11 checked!...31 matches found!
node 12 checked!...28 matches found!
node 13 checked!...35 matches found!
node 14 checked!...36 matches found!
node 15 checked!...27 matches found!
```

```
node 16 checked!...28 matches found!
node 17 checked!...34 matches found!
node 18 checked!...31 matches found!
node 19 checked!...26 matches found!
node 20 checked!...30 matches found!
node 21 checked!...36 matches found!
node 22 checked!...30 matches found!
node 23 checked!...31 matches found!
node 24 checked!...26 matches found!
node 25 checked!...24 matches found!
node 26 checked!...30 matches found!
node 27 checked!...25 matches found!
node 28 checked!...31 matches found!
node 29 checked!...26 matches found!
node 30 checked!...26 matches found!
```

Voting array

[27 31 31 30 27 25 23 29 22 29 31 28 35 36 27 28 34 31 26 30 36 30 31 26 24
 30 25 31 26 26]

Putative nodes

[23 17 13 14 21]

Best matching node from voting array

14

Presence of query node in putative nodes

Absent

Node 16 -> query image 13
----

8 features detected!

Checking for matches...

```
node 1 checked!...5 matches found!
node 2 checked!...5 matches found!
node 3 checked!...5 matches found!
node 4 checked!...5 matches found!
node 5 checked!...5 matches found!
node 6 checked!...5 matches found!
node 7 checked!...5 matches found!
node 8 checked!...5 matches found!
node 9 checked!...5 matches found!
node 10 checked!...5 matches found!
node 11 checked!...5 matches found!
node 12 checked!...5 matches found!
node 13 checked!...5 matches found!
node 14 checked!...5 matches found!
node 15 checked!...5 matches found!
node 16 checked!...5 matches found!
node 17 checked!...5 matches found!
node 18 checked!...5 matches found!
node 19 checked!...5 matches found!
node 20 checked!...5 matches found!
node 21 checked!...5 matches found!
```

```
node 22 checked!...5 matches found!
node 23 checked!...5 matches found!
node 24 checked!...5 matches found!
node 25 checked!...5 matches found!
node 26 checked!...5 matches found!
node 27 checked!...5 matches found!
node 28 checked!...5 matches found!
node 29 checked!...5 matches found!
node 30 checked!...5 matches found!

Voting array
--------------
[5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5]

Putative nodes
------------
[11 14 12 10 30]

Best matching node from voting array
----------------------------------------
1

Presence of query node in putative nodes
----------------------------------------
Absent


Node 16 -> query image 14
------------------------

86 features detected!

Checking for matches...

node 1 checked!...36 matches found!
node 2 checked!...34 matches found!
node 3 checked!...38 matches found!
node 4 checked!...40 matches found!
node 5 checked!...33 matches found!
node 6 checked!...32 matches found!
node 7 checked!...36 matches found!
node 8 checked!...36 matches found!
node 9 checked!...31 matches found!
node 10 checked!...38 matches found!
node 11 checked!...36 matches found!
node 12 checked!...39 matches found!
node 13 checked!...33 matches found!
node 14 checked!...37 matches found!
node 15 checked!...34 matches found!
node 16 checked!...38 matches found!
node 17 checked!...39 matches found!
node 18 checked!...37 matches found!
node 19 checked!...35 matches found!
node 20 checked!...37 matches found!
node 21 checked!...37 matches found!
node 22 checked!...32 matches found!
node 23 checked!...43 matches found!
node 24 checked!...37 matches found!
node 25 checked!...35 matches found!
node 26 checked!...36 matches found!
node 27 checked!...32 matches found!
node 28 checked!...34 matches found!
```

node 29 checked!...36 matches found!
node 30 checked!...38 matches found!

Voting array

[36 34 38 40 33 32 36 36 31 38 36 39 33 37 34 38 39 37 35 37 37 32 43 37 35
 36 32 34 36 38]

Putative nodes

[30 12 17 23 4]

Best matching node from voting array

23

Presence of query node in putative nodes

Absent

Node 16 -> query image 15
----

84 features detected!

Checking for matches...

node 1 checked!...36 matches found!
node 2 checked!...32 matches found!
node 3 checked!...38 matches found!
node 4 checked!...41 matches found!
node 5 checked!...38 matches found!
node 6 checked!...35 matches found!
node 7 checked!...40 matches found!
node 8 checked!...40 matches found!
node 9 checked!...36 matches found!
node 10 checked!...35 matches found!
node 11 checked!...33 matches found!
node 12 checked!...32 matches found!
node 13 checked!...36 matches found!
node 14 checked!...35 matches found!
node 15 checked!...39 matches found!
node 16 checked!...40 matches found!
node 17 checked!...38 matches found!
node 18 checked!...35 matches found!
node 19 checked!...36 matches found!
node 20 checked!...34 matches found!
node 21 checked!...39 matches found!
node 22 checked!...34 matches found!
node 23 checked!...40 matches found!
node 24 checked!...35 matches found!
node 25 checked!...39 matches found!
node 26 checked!...38 matches found!
node 27 checked!...35 matches found!
node 28 checked!...41 matches found!
node 29 checked!...34 matches found!
node 30 checked!...38 matches found!

Voting array

[36 32 38 41 38 35 40 40 36 35 33 32 36 35 39 40 38 35 36 34 39 34 40 35 39

```
 38 35 41 34 38]
```

Putative nodes

[16 23 28 8 4]

Best matching node from voting array

4

Presence of query node in putative nodes

Present

Node 16 -> query image 16
----

93 features detected!

Checking for matches...

```
node 1 checked!...38 matches found!
node 2 checked!...40 matches found!
node 3 checked!...38 matches found!
node 4 checked!...39 matches found!
node 5 checked!...38 matches found!
node 6 checked!...35 matches found!
node 7 checked!...35 matches found!
node 8 checked!...33 matches found!
node 9 checked!...34 matches found!
node 10 checked!...37 matches found!
node 11 checked!...35 matches found!
node 12 checked!...36 matches found!
node 13 checked!...37 matches found!
node 14 checked!...38 matches found!
node 15 checked!...32 matches found!
node 16 checked!...39 matches found!
node 17 checked!...46 matches found!
node 18 checked!...39 matches found!
node 19 checked!...35 matches found!
node 20 checked!...41 matches found!
node 21 checked!...43 matches found!
node 22 checked!...31 matches found!
node 23 checked!...42 matches found!
node 24 checked!...39 matches found!
node 25 checked!...34 matches found!
node 26 checked!...37 matches found!
node 27 checked!...38 matches found!
node 28 checked!...36 matches found!
node 29 checked!...37 matches found!
node 30 checked!...42 matches found!
```

Voting array

[38 40 38 39 38 35 35 33 34 37 35 36 37 38 32 39 46 39 35 41 43 31 42 39 34
 37 38 36 37 42]

Putative nodes

[20 30 21 23 17]

Best matching node from voting array

17

Presence of query node in putative nodes

Absent

Node 16 -> query image 17
----

65 features detected!

Checking for matches...

node 1 checked!...25 matches found!
node 2 checked!...32 matches found!
node 3 checked!...31 matches found!
node 4 checked!...36 matches found!
node 5 checked!...34 matches found!
node 6 checked!...30 matches found!
node 7 checked!...25 matches found!
node 8 checked!...29 matches found!
node 9 checked!...31 matches found!
node 10 checked!...29 matches found!
node 11 checked!...30 matches found!
node 12 checked!...30 matches found!
node 13 checked!...32 matches found!
node 14 checked!...29 matches found!
node 15 checked!...29 matches found!
node 16 checked!...31 matches found!
node 17 checked!...31 matches found!
node 18 checked!...30 matches found!
node 19 checked!...29 matches found!
node 20 checked!...33 matches found!
node 21 checked!...32 matches found!
node 22 checked!...31 matches found!
node 23 checked!...32 matches found!
node 24 checked!...31 matches found!
node 25 checked!...25 matches found!
node 26 checked!...30 matches found!
node 27 checked!...33 matches found!
node 28 checked!...31 matches found!
node 29 checked!...30 matches found!
node 30 checked!...31 matches found!

Voting array

[25 32 31 36 34 30 25 29 31 29 30 30 32 29 29 31 31 30 29 33 32 31 32 31 25
 30 33 31 30 31]

Putative nodes

[23 20 27 5 4]

Best matching node from voting array

4

Presence of query node in putative nodes

Absent

Node 16 -> query image 18
----

92 features detected!

Checking for matches...

node 1 checked!...32 matches found!
node 2 checked!...41 matches found!
node 3 checked!...33 matches found!
node 4 checked!...40 matches found!
node 5 checked!...36 matches found!
node 6 checked!...35 matches found!
node 7 checked!...32 matches found!
node 8 checked!...34 matches found!
node 9 checked!...29 matches found!
node 10 checked!...38 matches found!
node 11 checked!...32 matches found!
node 12 checked!...29 matches found!
node 13 checked!...35 matches found!
node 14 checked!...35 matches found!
node 15 checked!...36 matches found!
node 16 checked!...39 matches found!
node 17 checked!...35 matches found!
node 18 checked!...34 matches found!
node 19 checked!...33 matches found!
node 20 checked!...37 matches found!
node 21 checked!...37 matches found!
node 22 checked!...31 matches found!
node 23 checked!...40 matches found!
node 24 checked!...37 matches found!
node 25 checked!...28 matches found!
node 26 checked!...35 matches found!
node 27 checked!...40 matches found!
node 28 checked!...39 matches found!
node 29 checked!...35 matches found!
node 30 checked!...37 matches found!

Voting array

[32 41 33 40 36 35 32 34 29 38 32 29 35 35 36 39 35 34 33 37 37 31 40 37 28
 35 40 39 35 37]

Putative nodes

[16 27 2 4 23]

Best matching node from voting array

2

Presence of query node in putative nodes

Present

Node 16 -> query image 19
----

92 features detected!

Checking for matches...

node 1 checked!...37 matches found!
node 2 checked!...37 matches found!
node 3 checked!...35 matches found!
node 4 checked!...39 matches found!
node 5 checked!...33 matches found!
node 6 checked!...34 matches found!
node 7 checked!...39 matches found!
node 8 checked!...37 matches found!
node 9 checked!...29 matches found!
node 10 checked!...36 matches found!
node 11 checked!...33 matches found!
node 12 checked!...37 matches found!
node 13 checked!...37 matches found!
node 14 checked!...40 matches found!
node 15 checked!...36 matches found!
node 16 checked!...41 matches found!
node 17 checked!...33 matches found!
node 18 checked!...39 matches found!
node 19 checked!...32 matches found!
node 20 checked!...33 matches found!
node 21 checked!...38 matches found!
node 22 checked!...34 matches found!
node 23 checked!...41 matches found!
node 24 checked!...37 matches found!
node 25 checked!...33 matches found!
node 26 checked!...36 matches found!
node 27 checked!...30 matches found!
node 28 checked!...39 matches found!
node 29 checked!...38 matches found!
node 30 checked!...38 matches found!

Voting array

[37 37 35 39 33 34 39 37 29 36 33 37 37 40 36 41 33 39 32 33 38 34 41 37 33
 36 30 39 38 38]

Putative nodes

[18 7 14 16 23]

Best matching node from voting array

16

Presence of query node in putative nodes

Present

Node 16 -> query image 20
----

92 features detected!

Checking for matches...

node 1 checked!...35 matches found!
node 2 checked!...35 matches found!

```
node 3 checked!...41 matches found!
node 4 checked!...41 matches found!
node 5 checked!...38 matches found!
node 6 checked!...42 matches found!
node 7 checked!...38 matches found!
node 8 checked!...40 matches found!
node 9 checked!...34 matches found!
node 10 checked!...35 matches found!
node 11 checked!...35 matches found!
node 12 checked!...36 matches found!
node 13 checked!...39 matches found!
node 14 checked!...38 matches found!
node 15 checked!...36 matches found!
node 16 checked!...39 matches found!
node 17 checked!...39 matches found!
node 18 checked!...40 matches found!
node 19 checked!...37 matches found!
node 20 checked!...37 matches found!
node 21 checked!...41 matches found!
node 22 checked!...41 matches found!
node 23 checked!...41 matches found!
node 24 checked!...41 matches found!
node 25 checked!...34 matches found!
node 26 checked!...40 matches found!
node 27 checked!...33 matches found!
node 28 checked!...44 matches found!
node 29 checked!...35 matches found!
node 30 checked!...34 matches found!
```

Voting array

[35 35 41 41 38 42 38 40 34 35 35 36 39 38 36 39 39 40 37 37 41 41 41 41 34
 40 33 44 35 34]

Putative nodes

[23 24 21 6 28]

Best matching node from voting array

28

Presence of query node in putative nodes

Absent

Node 16 -> query image 21
----

91 features detected!

Checking for matches...

```
node 1 checked!...36 matches found!
node 2 checked!...34 matches found!
node 3 checked!...35 matches found!
node 4 checked!...34 matches found!
node 5 checked!...37 matches found!
node 6 checked!...34 matches found!
node 7 checked!...38 matches found!
node 8 checked!...33 matches found!
```

```
node 9 checked!...33 matches found!
node 10 checked!...35 matches found!
node 11 checked!...38 matches found!
node 12 checked!...32 matches found!
node 13 checked!...40 matches found!
node 14 checked!...38 matches found!
node 15 checked!...32 matches found!
node 16 checked!...41 matches found!
node 17 checked!...37 matches found!
node 18 checked!...41 matches found!
node 19 checked!...36 matches found!
node 20 checked!...38 matches found!
node 21 checked!...39 matches found!
node 22 checked!...38 matches found!
node 23 checked!...40 matches found!
node 24 checked!...40 matches found!
node 25 checked!...36 matches found!
node 26 checked!...37 matches found!
node 27 checked!...38 matches found!
node 28 checked!...38 matches found!
node 29 checked!...35 matches found!
node 30 checked!...39 matches found!

Voting array
--------------
[36 34 35 34 37 34 38 33 33 35 38 32 40 38 32 41 37 41 36 38 39 38 40 40 36
 37 38 38 35 39]

Putative nodes
------------
[13 23 24 16 18]

Best matching node from voting array
----------------------------------------
16

Presence of query node in putative nodes
----------------------------------------
Present


Node 16 -> query image 22
------------------------

89 features detected!

Checking for matches...

node 1 checked!...32 matches found!
node 2 checked!...37 matches found!
node 3 checked!...36 matches found!
node 4 checked!...35 matches found!
node 5 checked!...40 matches found!
node 6 checked!...37 matches found!
node 7 checked!...34 matches found!
node 8 checked!...36 matches found!
node 9 checked!...32 matches found!
node 10 checked!...34 matches found!
node 11 checked!...33 matches found!
node 12 checked!...33 matches found!
node 13 checked!...37 matches found!
node 14 checked!...36 matches found!
```

```
node 15 checked!...31 matches found!
node 16 checked!...35 matches found!
node 17 checked!...35 matches found!
node 18 checked!...32 matches found!
node 19 checked!...32 matches found!
node 20 checked!...39 matches found!
node 21 checked!...38 matches found!
node 22 checked!...36 matches found!
node 23 checked!...42 matches found!
node 24 checked!...38 matches found!
node 25 checked!...31 matches found!
node 26 checked!...32 matches found!
node 27 checked!...34 matches found!
node 28 checked!...37 matches found!
node 29 checked!...32 matches found!
node 30 checked!...34 matches found!

Voting array
--------------
[32 37 36 35 40 37 34 36 32 34 33 33 37 36 31 35 35 32 32 39 38 36 42 38 31
 32 34 37 32 34]

Putative nodes
------------
[21 20 24 23  5]

Best matching node from voting array
----------------------------------------
23

Presence of query node in putative nodes
----------------------------------------
Absent


Node 16 -> query image 23
------------------------

93 features detected!

Checking for matches...

node 1 checked!...36 matches found!
node 2 checked!...33 matches found!
node 3 checked!...32 matches found!
node 4 checked!...40 matches found!
node 5 checked!...34 matches found!
node 6 checked!...35 matches found!
node 7 checked!...31 matches found!
node 8 checked!...34 matches found!
node 9 checked!...29 matches found!
node 10 checked!...35 matches found!
node 11 checked!...32 matches found!
node 12 checked!...33 matches found!
node 13 checked!...34 matches found!
node 14 checked!...34 matches found!
node 15 checked!...32 matches found!
node 16 checked!...37 matches found!
node 17 checked!...38 matches found!
node 18 checked!...35 matches found!
node 19 checked!...32 matches found!
node 20 checked!...37 matches found!
```

```
node 21 checked!...40 matches found!
node 22 checked!...32 matches found!
node 23 checked!...39 matches found!
node 24 checked!...35 matches found!
node 25 checked!...28 matches found!
node 26 checked!...34 matches found!
node 27 checked!...39 matches found!
node 28 checked!...37 matches found!
node 29 checked!...34 matches found!
node 30 checked!...32 matches found!

Voting array
--------------
[36 33 32 40 34 35 31 34 29 35 32 33 34 34 32 37 38 35 32 37 40 32 39 35 28
 34 39 37 34 32]

Putative nodes
------------
[17 27 21  4 23]

Best matching node from voting array
----------------------------------------
4

Presence of query node in putative nodes
----------------------------------------
Absent


Node 16 -> query image 24
------------------------

74 features detected!

Checking for matches...

node 1 checked!...33 matches found!
node 2 checked!...32 matches found!
node 3 checked!...34 matches found!
node 4 checked!...36 matches found!
node 5 checked!...33 matches found!
node 6 checked!...33 matches found!
node 7 checked!...37 matches found!
node 8 checked!...34 matches found!
node 9 checked!...29 matches found!
node 10 checked!...36 matches found!
node 11 checked!...33 matches found!
node 12 checked!...33 matches found!
node 13 checked!...35 matches found!
node 14 checked!...34 matches found!
node 15 checked!...31 matches found!
node 16 checked!...37 matches found!
node 17 checked!...32 matches found!
node 18 checked!...36 matches found!
node 19 checked!...31 matches found!
node 20 checked!...31 matches found!
node 21 checked!...34 matches found!
node 22 checked!...30 matches found!
node 23 checked!...38 matches found!
node 24 checked!...34 matches found!
node 25 checked!...30 matches found!
node 26 checked!...34 matches found!
```

```
node 27 checked!...28 matches found!
node 28 checked!...33 matches found!
node 29 checked!...33 matches found!
node 30 checked!...35 matches found!

Voting array
--------------
[33 32 34 36 33 33 37 34 29 36 33 33 35 34 31 37 32 36 31 31 34 30 38 34 30
 34 28 33 33 35]

Putative nodes
------------
[18  7 10 16 23]

Best matching node from voting array
----------------------------------------
23

Presence of query node in putative nodes
----------------------------------------
Present


Node 16 -> query image 25
-----------------------

99 features detected!

Checking for matches...

node 1 checked!...37 matches found!
node 2 checked!...31 matches found!
node 3 checked!...40 matches found!
node 4 checked!...36 matches found!
node 5 checked!...39 matches found!
node 6 checked!...37 matches found!
node 7 checked!...40 matches found!
node 8 checked!...41 matches found!
node 9 checked!...29 matches found!
node 10 checked!...37 matches found!
node 11 checked!...37 matches found!
node 12 checked!...33 matches found!
node 13 checked!...34 matches found!
node 14 checked!...33 matches found!
node 15 checked!...36 matches found!
node 16 checked!...43 matches found!
node 17 checked!...39 matches found!
node 18 checked!...39 matches found!
node 19 checked!...37 matches found!
node 20 checked!...31 matches found!
node 21 checked!...39 matches found!
node 22 checked!...39 matches found!
node 23 checked!...45 matches found!
node 24 checked!...41 matches found!
node 25 checked!...38 matches found!
node 26 checked!...39 matches found!
node 27 checked!...36 matches found!
node 28 checked!...43 matches found!
node 29 checked!...39 matches found!
node 30 checked!...38 matches found!

Voting array
```

```
--------------
[37 31 40 36 39 37 40 41 29 37 37 33 34 33 36 43 39 39 37 31 39 39 45 41 38
 39 36 43 39 38]
```

Putative nodes

```
[ 8 24 28 16 23]
```

Best matching node from voting array

23

Presence of query node in putative nodes

Present

Node 16 -> query image 26
----

96 features detected!

Checking for matches...

```
node 1 checked!...35 matches found!
node 2 checked!...38 matches found!
node 3 checked!...40 matches found!
node 4 checked!...36 matches found!
node 5 checked!...39 matches found!
node 6 checked!...36 matches found!
node 7 checked!...33 matches found!
node 8 checked!...35 matches found!
node 9 checked!...34 matches found!
node 10 checked!...35 matches found!
node 11 checked!...37 matches found!
node 12 checked!...30 matches found!
node 13 checked!...40 matches found!
node 14 checked!...32 matches found!
node 15 checked!...30 matches found!
node 16 checked!...42 matches found!
node 17 checked!...42 matches found!
node 18 checked!...41 matches found!
node 19 checked!...38 matches found!
node 20 checked!...38 matches found!
node 21 checked!...39 matches found!
node 22 checked!...34 matches found!
node 23 checked!...42 matches found!
node 24 checked!...38 matches found!
node 25 checked!...32 matches found!
node 26 checked!...34 matches found!
node 27 checked!...35 matches found!
node 28 checked!...35 matches found!
node 29 checked!...36 matches found!
node 30 checked!...37 matches found!
```

Voting array

```
[35 38 40 36 39 36 33 35 34 35 37 30 40 32 30 42 42 41 38 38 39 34 42 38 32
 34 35 35 36 37]
```

Putative nodes

[13 18 16 17 23]

Best matching node from voting array

16

Presence of query node in putative nodes

Present

Node 16 -> query image 27
----

97 features detected!

Checking for matches...

node 1 checked!...31 matches found!
node 2 checked!...34 matches found!
node 3 checked!...38 matches found!
node 4 checked!...42 matches found!
node 5 checked!...35 matches found!
node 6 checked!...34 matches found!
node 7 checked!...32 matches found!
node 8 checked!...35 matches found!
node 9 checked!...32 matches found!
node 10 checked!...34 matches found!
node 11 checked!...35 matches found!
node 12 checked!...36 matches found!
node 13 checked!...34 matches found!
node 14 checked!...33 matches found!
node 15 checked!...30 matches found!
node 16 checked!...39 matches found!
node 17 checked!...36 matches found!
node 18 checked!...37 matches found!
node 19 checked!...35 matches found!
node 20 checked!...34 matches found!
node 21 checked!...41 matches found!
node 22 checked!...31 matches found!
node 23 checked!...40 matches found!
node 24 checked!...33 matches found!
node 25 checked!...28 matches found!
node 26 checked!...36 matches found!
node 27 checked!...39 matches found!
node 28 checked!...42 matches found!
node 29 checked!...34 matches found!
node 30 checked!...36 matches found!

Voting array

[31 34 38 42 35 34 32 35 32 34 35 36 34 33 30 39 36 37 35 34 41 31 40 33 28
 36 39 42 34 36]

Putative nodes

[16 23 21 28 4]

Best matching node from voting array

4

Presence of query node in putative nodes

Present

Node 16 -> query image 28
----

95 features detected!

Checking for matches...

node 1 checked!...33 matches found!
node 2 checked!...35 matches found!
node 3 checked!...36 matches found!
node 4 checked!...38 matches found!
node 5 checked!...40 matches found!
node 6 checked!...39 matches found!
node 7 checked!...36 matches found!
node 8 checked!...38 matches found!
node 9 checked!...28 matches found!
node 10 checked!...38 matches found!
node 11 checked!...34 matches found!
node 12 checked!...31 matches found!
node 13 checked!...36 matches found!
node 14 checked!...33 matches found!
node 15 checked!...35 matches found!
node 16 checked!...46 matches found!
node 17 checked!...37 matches found!
node 18 checked!...38 matches found!
node 19 checked!...34 matches found!
node 20 checked!...36 matches found!
node 21 checked!...40 matches found!
node 22 checked!...34 matches found!
node 23 checked!...47 matches found!
node 24 checked!...37 matches found!
node 25 checked!...33 matches found!
node 26 checked!...38 matches found!
node 27 checked!...36 matches found!
node 28 checked!...37 matches found!
node 29 checked!...35 matches found!
node 30 checked!...38 matches found!

Voting array

[33 35 36 38 40 39 36 38 28 38 34 31 36 33 35 46 37 38 34 36 40 34 47 37 33
 38 36 37 35 38]

Putative nodes

[6 21 16 5 23]

Best matching node from voting array

23

Presence of query node in putative nodes

Present

Node 16 -> query image 29

----

92 features detected!

Checking for matches...

node 1 checked!...30 matches found!
node 2 checked!...37 matches found!
node 3 checked!...37 matches found!
node 4 checked!...36 matches found!
node 5 checked!...38 matches found!
node 6 checked!...38 matches found!
node 7 checked!...34 matches found!
node 8 checked!...35 matches found!
node 9 checked!...28 matches found!
node 10 checked!...36 matches found!
node 11 checked!...34 matches found!
node 12 checked!...34 matches found!
node 13 checked!...34 matches found!
node 14 checked!...36 matches found!
node 15 checked!...36 matches found!
node 16 checked!...42 matches found!
node 17 checked!...38 matches found!
node 18 checked!...40 matches found!
node 19 checked!...36 matches found!
node 20 checked!...33 matches found!
node 21 checked!...38 matches found!
node 22 checked!...34 matches found!
node 23 checked!...45 matches found!
node 24 checked!...36 matches found!
node 25 checked!...36 matches found!
node 26 checked!...34 matches found!
node 27 checked!...36 matches found!
node 28 checked!...38 matches found!
node 29 checked!...30 matches found!
node 30 checked!...34 matches found!

Voting array

[30 37 37 36 38 38 34 35 28 36 34 34 34 36 36 42 38 40 36 33 38 34 45 36 36
 34 36 38 30 34]

Putative nodes

[17 28 18 23 16]

Best matching node from voting array

23

Presence of query node in putative nodes

Present

Node 16 -> query image 30
----

97 features detected!

Checking for matches...

```
node 1 checked!...35 matches found!
node 2 checked!...38 matches found!
node 3 checked!...41 matches found!
node 4 checked!...37 matches found!
node 5 checked!...38 matches found!
node 6 checked!...32 matches found!
node 7 checked!...35 matches found!
node 8 checked!...38 matches found!
node 9 checked!...33 matches found!
node 10 checked!...36 matches found!
node 11 checked!...40 matches found!
node 12 checked!...32 matches found!
node 13 checked!...40 matches found!
node 14 checked!...33 matches found!
node 15 checked!...31 matches found!
node 16 checked!...43 matches found!
node 17 checked!...39 matches found!
node 18 checked!...41 matches found!
node 19 checked!...35 matches found!
node 20 checked!...37 matches found!
node 21 checked!...38 matches found!
node 22 checked!...36 matches found!
node 23 checked!...43 matches found!
node 24 checked!...38 matches found!
node 25 checked!...34 matches found!
node 26 checked!...34 matches found!
node 27 checked!...36 matches found!
node 28 checked!...36 matches found!
node 29 checked!...35 matches found!
node 30 checked!...39 matches found!
```

Voting array

[35 38 41 37 38 32 35 38 33 36 40 32 40 33 31 43 39 41 35 37 38 36 43 38 34
 34 36 36 35 39]

Putative nodes

[11 18 3 23 16]

Best matching node from voting array

16

Presence of query node in putative nodes

Present

Node 16 -> query image 31
----

98 features detected!

Checking for matches...

```
node 1 checked!...32 matches found!
node 2 checked!...36 matches found!
node 3 checked!...39 matches found!
node 4 checked!...43 matches found!
node 5 checked!...37 matches found!
node 6 checked!...36 matches found!
```

```
node 7 checked!...32 matches found!
node 8 checked!...35 matches found!
node 9 checked!...32 matches found!
node 10 checked!...37 matches found!
node 11 checked!...34 matches found!
node 12 checked!...35 matches found!
node 13 checked!...35 matches found!
node 14 checked!...34 matches found!
node 15 checked!...32 matches found!
node 16 checked!...40 matches found!
node 17 checked!...36 matches found!
node 18 checked!...40 matches found!
node 19 checked!...35 matches found!
node 20 checked!...36 matches found!
node 21 checked!...40 matches found!
node 22 checked!...32 matches found!
node 23 checked!...41 matches found!
node 24 checked!...33 matches found!
node 25 checked!...30 matches found!
node 26 checked!...36 matches found!
node 27 checked!...41 matches found!
node 28 checked!...44 matches found!
node 29 checked!...36 matches found!
node 30 checked!...36 matches found!
```

```
Voting array
--------------
[32 36 39 43 37 36 32 35 32 37 34 35 35 34 32 40 36 40 35 36 40 32 41 33 30
 36 41 44 36 36]
```

```
Putative nodes
------------
[16 23 27 28  4]
```

```
Best matching node from voting array
----------------------------------------
28
```

```
Presence of query node in putative nodes
----------------------------------------
Present
```

```
Node 16 -> query image 32
-----------------------

95 features detected!

Checking for matches...

node 1 checked!...33 matches found!
node 2 checked!...30 matches found!
node 3 checked!...33 matches found!
node 4 checked!...40 matches found!
node 5 checked!...40 matches found!
node 6 checked!...35 matches found!
node 7 checked!...33 matches found!
node 8 checked!...39 matches found!
node 9 checked!...30 matches found!
node 10 checked!...34 matches found!
node 11 checked!...36 matches found!
node 12 checked!...35 matches found!
```

```
node 13 checked!...33 matches found!
node 14 checked!...31 matches found!
node 15 checked!...33 matches found!
node 16 checked!...46 matches found!
node 17 checked!...34 matches found!
node 18 checked!...36 matches found!
node 19 checked!...35 matches found!
node 20 checked!...33 matches found!
node 21 checked!...42 matches found!
node 22 checked!...33 matches found!
node 23 checked!...40 matches found!
node 24 checked!...36 matches found!
node 25 checked!...29 matches found!
node 26 checked!...36 matches found!
node 27 checked!...38 matches found!
node 28 checked!...36 matches found!
node 29 checked!...37 matches found!
node 30 checked!...39 matches found!


Voting array
--------------
[33 30 33 40 40 35 33 39 30 34 36 35 33 31 33 46 34 36 35 33 42 33 40 36 29
 36 38 36 37 39]

Putative nodes
------------
[ 5 23 16  4 21]

Best matching node from voting array
----------------------------------------
16

Presence of query node in putative nodes
----------------------------------------
Present


Node 16 -> query image 33
------------------------

88 features detected!

Checking for matches...

node 1 checked!...31 matches found!
node 2 checked!...35 matches found!
node 3 checked!...36 matches found!
node 4 checked!...38 matches found!
node 5 checked!...40 matches found!
node 6 checked!...37 matches found!
node 7 checked!...34 matches found!
node 8 checked!...36 matches found!
node 9 checked!...28 matches found!
node 10 checked!...38 matches found!
node 11 checked!...32 matches found!
node 12 checked!...28 matches found!
node 13 checked!...35 matches found!
node 14 checked!...33 matches found!
node 15 checked!...34 matches found!
node 16 checked!...44 matches found!
node 17 checked!...38 matches found!
node 18 checked!...35 matches found!
```

```
node 19 checked!...34 matches found!
node 20 checked!...34 matches found!
node 21 checked!...37 matches found!
node 22 checked!...33 matches found!
node 23 checked!...45 matches found!
node 24 checked!...35 matches found!
node 25 checked!...32 matches found!
node 26 checked!...36 matches found!
node 27 checked!...36 matches found!
node 28 checked!...37 matches found!
node 29 checked!...34 matches found!
node 30 checked!...36 matches found!

Voting array
--------------
[31 35 36 38 40 37 34 36 28 38 32 28 35 33 34 44 38 35 34 34 37 33 45 35 32
 36 36 37 34 36]

Putative nodes
------------
[10  4  5 16 23]

Best matching node from voting array
----------------------------------------
23

Presence of query node in putative nodes
----------------------------------------
Present


Node 16 -> query image 34
-----------------------

27 features detected!

Checking for matches...

node 1 checked!...17 matches found!
node 2 checked!...18 matches found!
node 3 checked!...18 matches found!
node 4 checked!...18 matches found!
node 5 checked!...18 matches found!
node 6 checked!...19 matches found!
node 7 checked!...15 matches found!
node 8 checked!...19 matches found!
node 9 checked!...18 matches found!
node 10 checked!...17 matches found!
node 11 checked!...20 matches found!
node 12 checked!...18 matches found!
node 13 checked!...16 matches found!
node 14 checked!...19 matches found!
node 15 checked!...19 matches found!
node 16 checked!...19 matches found!
node 17 checked!...18 matches found!
node 18 checked!...18 matches found!
node 19 checked!...19 matches found!
node 20 checked!...17 matches found!
node 21 checked!...18 matches found!
node 22 checked!...15 matches found!
node 23 checked!...19 matches found!
node 24 checked!...17 matches found!
```

```
node 25 checked!...17 matches found!
node 26 checked!...16 matches found!
node 27 checked!...19 matches found!
node 28 checked!...18 matches found!
node 29 checked!...20 matches found!
node 30 checked!...19 matches found!

Voting array
--------------
[17 18 18 18 18 19 15 19 18 17 20 18 16 19 19 19 18 18 19 17 18 15 19 17 17
 16 19 18 20 19]

Putative nodes
------------
[19 16 14 29 11]

Best matching node from voting array
----------------------------------------
11

Presence of query node in putative nodes
----------------------------------------
Present


Node 16 -> query image 35
------------------------

2 features detected!

Checking for matches...

node 1 checked!...1 matches found!
node 2 checked!...1 matches found!
node 3 checked!...1 matches found!
node 4 checked!...1 matches found!
node 5 checked!...1 matches found!
node 6 checked!...1 matches found!
node 7 checked!...1 matches found!
node 8 checked!...1 matches found!
node 9 checked!...1 matches found!
node 10 checked!...1 matches found!
node 11 checked!...1 matches found!
node 12 checked!...1 matches found!
node 13 checked!...1 matches found!
node 14 checked!...1 matches found!
node 15 checked!...1 matches found!
node 16 checked!...1 matches found!
node 17 checked!...1 matches found!
node 18 checked!...1 matches found!
node 19 checked!...1 matches found!
node 20 checked!...1 matches found!
node 21 checked!...1 matches found!
node 22 checked!...1 matches found!
node 23 checked!...1 matches found!
node 24 checked!...1 matches found!
node 25 checked!...1 matches found!
node 26 checked!...1 matches found!
node 27 checked!...1 matches found!
node 28 checked!...1 matches found!
node 29 checked!...1 matches found!
node 30 checked!...1 matches found!
```

Voting array

[1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1]

Putative nodes

[11 14 12 10 30]

Best matching node from voting array

1

Presence of query node in putative nodes

Absent

Node 16 -> query image 36
----

67 features detected!

Checking for matches...

node 1 checked!...25 matches found!
node 2 checked!...26 matches found!
node 3 checked!...29 matches found!
node 4 checked!...25 matches found!
node 5 checked!...30 matches found!
node 6 checked!...22 matches found!
node 7 checked!...20 matches found!
node 8 checked!...31 matches found!
node 9 checked!...27 matches found!
node 10 checked!...29 matches found!
node 11 checked!...28 matches found!
node 12 checked!...29 matches found!
node 13 checked!...30 matches found!
node 14 checked!...29 matches found!
node 15 checked!...24 matches found!
node 16 checked!...27 matches found!
node 17 checked!...25 matches found!
node 18 checked!...24 matches found!
node 19 checked!...26 matches found!
node 20 checked!...21 matches found!
node 21 checked!...29 matches found!
node 22 checked!...24 matches found!
node 23 checked!...28 matches found!
node 24 checked!...23 matches found!
node 25 checked!...24 matches found!
node 26 checked!...25 matches found!
node 27 checked!...26 matches found!
node 28 checked!...30 matches found!
node 29 checked!...23 matches found!
node 30 checked!...25 matches found!

Voting array

[25 26 29 25 30 22 20 31 27 29 28 29 30 29 24 27 25 24 26 21 29 24 28 23 24
 25 26 30 23 25]

Putative nodes

```
------------
[14 13 28  5  8]
```

Best matching node from voting array

8

Presence of query node in putative nodes

Absent

Node 16 -> query image 37
----

74 features detected!

Checking for matches...

```
node 1 checked!...33 matches found!
node 2 checked!...30 matches found!
node 3 checked!...31 matches found!
node 4 checked!...36 matches found!
node 5 checked!...32 matches found!
node 6 checked!...28 matches found!
node 7 checked!...30 matches found!
node 8 checked!...27 matches found!
node 9 checked!...26 matches found!
node 10 checked!...34 matches found!
node 11 checked!...31 matches found!
node 12 checked!...32 matches found!
node 13 checked!...32 matches found!
node 14 checked!...32 matches found!
node 15 checked!...34 matches found!
node 16 checked!...37 matches found!
node 17 checked!...29 matches found!
node 18 checked!...35 matches found!
node 19 checked!...32 matches found!
node 20 checked!...30 matches found!
node 21 checked!...39 matches found!
node 22 checked!...23 matches found!
node 23 checked!...36 matches found!
node 24 checked!...34 matches found!
node 25 checked!...26 matches found!
node 26 checked!...31 matches found!
node 27 checked!...32 matches found!
node 28 checked!...31 matches found!
node 29 checked!...29 matches found!
node 30 checked!...29 matches found!
```

Voting array

```
[33 30 31 36 32 28 30 27 26 34 31 32 32 32 34 37 29 35 32 30 39 23 36 34 26
 31 32 31 29 29]
```

Putative nodes

```
[18 16 21  4 23]
```

Best matching node from voting array

21

Presence of query node in putative nodes

Present

Node 16 -> query image 38
----

72 features detected!

Checking for matches...

node 1 checked!...31 matches found!
node 2 checked!...27 matches found!
node 3 checked!...31 matches found!
node 4 checked!...33 matches found!
node 5 checked!...30 matches found!
node 6 checked!...31 matches found!
node 7 checked!...29 matches found!
node 8 checked!...33 matches found!
node 9 checked!...24 matches found!
node 10 checked!...31 matches found!
node 11 checked!...32 matches found!
node 12 checked!...33 matches found!
node 13 checked!...30 matches found!
node 14 checked!...23 matches found!
node 15 checked!...32 matches found!
node 16 checked!...35 matches found!
node 17 checked!...30 matches found!
node 18 checked!...30 matches found!
node 19 checked!...31 matches found!
node 20 checked!...22 matches found!
node 21 checked!...35 matches found!
node 22 checked!...27 matches found!
node 23 checked!...38 matches found!
node 24 checked!...38 matches found!
node 25 checked!...32 matches found!
node 26 checked!...34 matches found!
node 27 checked!...25 matches found!
node 28 checked!...33 matches found!
node 29 checked!...29 matches found!
node 30 checked!...37 matches found!

Voting array

[31 27 31 33 30 31 29 33 24 31 32 33 30 23 32 35 30 30 31 22 35 27 38 38 32
 34 25 33 29 37]

Putative nodes

[16 21 24 23 30]

Best matching node from voting array

23

Presence of query node in putative nodes

Present

Node 16 -> query image 39
----

93 features detected!

Checking for matches...

node 1 checked!...37 matches found!
node 2 checked!...34 matches found!
node 3 checked!...39 matches found!
node 4 checked!...38 matches found!
node 5 checked!...39 matches found!
node 6 checked!...37 matches found!
node 7 checked!...37 matches found!
node 8 checked!...36 matches found!
node 9 checked!...34 matches found!
node 10 checked!...35 matches found!
node 11 checked!...39 matches found!
node 12 checked!...34 matches found!
node 13 checked!...35 matches found!
node 14 checked!...37 matches found!
node 15 checked!...31 matches found!
node 16 checked!...37 matches found!
node 17 checked!...42 matches found!
node 18 checked!...38 matches found!
node 19 checked!...35 matches found!
node 20 checked!...36 matches found!
node 21 checked!...44 matches found!
node 22 checked!...31 matches found!
node 23 checked!...41 matches found!
node 24 checked!...36 matches found!
node 25 checked!...35 matches found!
node 26 checked!...40 matches found!
node 27 checked!...36 matches found!
node 28 checked!...40 matches found!
node 29 checked!...35 matches found!
node 30 checked!...35 matches found!

Voting array

[37 34 39 38 39 37 37 36 34 35 39 34 35 37 31 37 42 38 35 36 44 31 41 36 35
 40 36 40 35 35]

Putative nodes

[28 26 21 17 23]

Best matching node from voting array

21

Presence of query node in putative nodes

Absent

Node 16 -> query image 40
----

87 features detected!

Checking for matches...

```
node 1 checked!...36 matches found!
node 2 checked!...36 matches found!
node 3 checked!...36 matches found!
node 4 checked!...38 matches found!
node 5 checked!...38 matches found!
node 6 checked!...32 matches found!
node 7 checked!...37 matches found!
node 8 checked!...38 matches found!
node 9 checked!...31 matches found!
node 10 checked!...34 matches found!
node 11 checked!...36 matches found!
node 12 checked!...36 matches found!
node 13 checked!...38 matches found!
node 14 checked!...36 matches found!
node 15 checked!...35 matches found!
node 16 checked!...38 matches found!
node 17 checked!...39 matches found!
node 18 checked!...36 matches found!
node 19 checked!...33 matches found!
node 20 checked!...39 matches found!
node 21 checked!...43 matches found!
node 22 checked!...35 matches found!
node 23 checked!...42 matches found!
node 24 checked!...40 matches found!
node 25 checked!...35 matches found!
node 26 checked!...39 matches found!
node 27 checked!...36 matches found!
node 28 checked!...40 matches found!
node 29 checked!...32 matches found!
node 30 checked!...39 matches found!
```

Voting array

[36 36 36 38 38 32 37 38 31 34 36 36 38 36 35 38 39 36 33 39 43 35 42 40 35
 39 36 40 32 39]

Putative nodes

[20 28 24 23 21]

Best matching node from voting array

21

Presence of query node in putative nodes

Absent

 Node 16 testing completed!

Node 17 -> query image 1
----

37 features detected!

Checking for matches...

node 1 checked!...20 matches found!
node 2 checked!...27 matches found!

```
node 3 checked!...20 matches found!
node 4 checked!...24 matches found!
node 5 checked!...24 matches found!
node 6 checked!...22 matches found!
node 7 checked!...19 matches found!
node 8 checked!...21 matches found!
node 9 checked!...23 matches found!
node 10 checked!...20 matches found!
node 11 checked!...25 matches found!
node 12 checked!...19 matches found!
node 13 checked!...24 matches found!
node 14 checked!...22 matches found!
node 15 checked!...25 matches found!
node 16 checked!...23 matches found!
node 17 checked!...22 matches found!
node 18 checked!...19 matches found!
node 19 checked!...21 matches found!
node 20 checked!...21 matches found!
node 21 checked!...24 matches found!
node 22 checked!...21 matches found!
node 23 checked!...23 matches found!
node 24 checked!...21 matches found!
node 25 checked!...20 matches found!
node 26 checked!...26 matches found!
node 27 checked!...22 matches found!
node 28 checked!...22 matches found!
node 29 checked!...21 matches found!
node 30 checked!...26 matches found!

Voting array
--------------
[20 27 20 24 24 22 19 21 23 20 25 19 24 22 25 23 22 19 21 21 24 21 23 21 20
 26 22 22 21 26]

Putative nodes
------------
[15 26  2 11 30]

Best matching node from voting array
---------------------------------------
2

Presence of query node in putative nodes
---------------------------------------
Absent


Node 17 -> query image 2
------------------------

40 features detected!

Checking for matches...

node 1 checked!...23 matches found!
node 2 checked!...20 matches found!
node 3 checked!...23 matches found!
node 4 checked!...24 matches found!
node 5 checked!...24 matches found!
node 6 checked!...21 matches found!
node 7 checked!...22 matches found!
node 8 checked!...25 matches found!
```

```
node 9 checked!...23 matches found!
node 10 checked!...23 matches found!
node 11 checked!...20 matches found!
node 12 checked!...24 matches found!
node 13 checked!...23 matches found!
node 14 checked!...22 matches found!
node 15 checked!...23 matches found!
node 16 checked!...29 matches found!
node 17 checked!...24 matches found!
node 18 checked!...25 matches found!
node 19 checked!...25 matches found!
node 20 checked!...23 matches found!
node 21 checked!...26 matches found!
node 22 checked!...25 matches found!
node 23 checked!...31 matches found!
node 24 checked!...23 matches found!
node 25 checked!...22 matches found!
node 26 checked!...27 matches found!
node 27 checked!...23 matches found!
node 28 checked!...27 matches found!
node 29 checked!...25 matches found!
node 30 checked!...26 matches found!

Voting array
--------------
[23 20 23 24 24 21 22 25 23 23 20 24 23 22 23 29 24 25 25 23 26 25 31 23 22
 27 23 27 25 26]

Putative nodes
------------
[30 26 23 16 28]

Best matching node from voting array
----------------------------------------
23

Presence of query node in putative nodes
----------------------------------------
Absent


Node 17 -> query image 3
------------------------

0 features detected!

Checking for matches...

node 1 checked!...0 matches found!
node 2 checked!...0 matches found!
node 3 checked!...0 matches found!
node 4 checked!...0 matches found!
node 5 checked!...0 matches found!
node 6 checked!...0 matches found!
node 7 checked!...0 matches found!
node 8 checked!...0 matches found!
node 9 checked!...0 matches found!
node 10 checked!...0 matches found!
node 11 checked!...0 matches found!
node 12 checked!...0 matches found!
node 13 checked!...0 matches found!
node 14 checked!...0 matches found!
```

```
node 15 checked!...0 matches found!
node 16 checked!...0 matches found!
node 17 checked!...0 matches found!
node 18 checked!...0 matches found!
node 19 checked!...0 matches found!
node 20 checked!...0 matches found!
node 21 checked!...0 matches found!
node 22 checked!...0 matches found!
node 23 checked!...0 matches found!
node 24 checked!...0 matches found!
node 25 checked!...0 matches found!
node 26 checked!...0 matches found!
node 27 checked!...0 matches found!
node 28 checked!...0 matches found!
node 29 checked!...0 matches found!
node 30 checked!...0 matches found!

Voting array
--------------
[0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0]

Unable to predict a matching node and putative nodes!

Node 17 -> query image 4
------------------------

77 features detected!

Checking for matches...

node 1 checked!...31 matches found!
node 2 checked!...28 matches found!
node 3 checked!...31 matches found!
node 4 checked!...34 matches found!
node 5 checked!...34 matches found!
node 6 checked!...32 matches found!
node 7 checked!...27 matches found!
node 8 checked!...28 matches found!
node 9 checked!...29 matches found!
node 10 checked!...31 matches found!
node 11 checked!...34 matches found!
node 12 checked!...31 matches found!
node 13 checked!...31 matches found!
node 14 checked!...32 matches found!
node 15 checked!...30 matches found!
node 16 checked!...27 matches found!
node 17 checked!...25 matches found!
node 18 checked!...32 matches found!
node 19 checked!...26 matches found!
node 20 checked!...32 matches found!
node 21 checked!...30 matches found!
node 22 checked!...24 matches found!
node 23 checked!...30 matches found!
node 24 checked!...29 matches found!
node 25 checked!...27 matches found!
node 26 checked!...33 matches found!
node 27 checked!...33 matches found!
node 28 checked!...34 matches found!
node 29 checked!...29 matches found!
node 30 checked!...28 matches found!

Voting array
```

```
--------------
[31 28 31 34 34 32 27 28 29 31 34 31 31 32 30 27 25 32 26 32 30 24 30 29 27
 33 33 34 29 28]

Putative nodes
------------
[26  4 28  5 11]

Best matching node from voting array
----------------------------------------
4

Presence of query node in putative nodes
----------------------------------------
Absent


Node 17 -> query image 5
------------------------

73 features detected!

Checking for matches...

node 1 checked!...30 matches found!
node 2 checked!...32 matches found!
node 3 checked!...30 matches found!
node 4 checked!...32 matches found!
node 5 checked!...30 matches found!
node 6 checked!...32 matches found!
node 7 checked!...31 matches found!
node 8 checked!...35 matches found!
node 9 checked!...27 matches found!
node 10 checked!...31 matches found!
node 11 checked!...34 matches found!
node 12 checked!...27 matches found!
node 13 checked!...31 matches found!
node 14 checked!...31 matches found!
node 15 checked!...28 matches found!
node 16 checked!...33 matches found!
node 17 checked!...35 matches found!
node 18 checked!...34 matches found!
node 19 checked!...27 matches found!
node 20 checked!...26 matches found!
node 21 checked!...36 matches found!
node 22 checked!...29 matches found!
node 23 checked!...34 matches found!
node 24 checked!...29 matches found!
node 25 checked!...29 matches found!
node 26 checked!...34 matches found!
node 27 checked!...34 matches found!
node 28 checked!...31 matches found!
node 29 checked!...30 matches found!
node 30 checked!...31 matches found!

Voting array
--------------
[30 32 30 32 30 32 31 35 27 31 34 27 31 31 28 33 35 34 27 26 36 29 34 29 29
 34 34 31 30 31]

Putative nodes
------------
```

[26 18 17 8 21]

Best matching node from voting array

21

Presence of query node in putative nodes

Present

Node 17 -> query image 6
----

87 features detected!

Checking for matches...

node 1 checked!...34 matches found!
node 2 checked!...34 matches found!
node 3 checked!...32 matches found!
node 4 checked!...39 matches found!
node 5 checked!...38 matches found!
node 6 checked!...36 matches found!
node 7 checked!...32 matches found!
node 8 checked!...34 matches found!
node 9 checked!...28 matches found!
node 10 checked!...38 matches found!
node 11 checked!...35 matches found!
node 12 checked!...36 matches found!
node 13 checked!...38 matches found!
node 14 checked!...33 matches found!
node 15 checked!...31 matches found!
node 16 checked!...38 matches found!
node 17 checked!...36 matches found!
node 18 checked!...35 matches found!
node 19 checked!...34 matches found!
node 20 checked!...33 matches found!
node 21 checked!...39 matches found!
node 22 checked!...34 matches found!
node 23 checked!...37 matches found!
node 24 checked!...35 matches found!
node 25 checked!...29 matches found!
node 26 checked!...36 matches found!
node 27 checked!...34 matches found!
node 28 checked!...37 matches found!
node 29 checked!...33 matches found!
node 30 checked!...33 matches found!

Voting array

[34 34 32 39 38 36 32 34 28 38 35 36 38 33 31 38 36 35 34 33 39 34 37 35 29
 36 34 37 33 33]

Putative nodes

[10 13 16 4 21]

Best matching node from voting array

4

Presence of query node in putative nodes

Absent

Node 17 -> query image 7
----

73 features detected!

Checking for matches...

node 1 checked!...34 matches found!
node 2 checked!...38 matches found!
node 3 checked!...29 matches found!
node 4 checked!...37 matches found!
node 5 checked!...31 matches found!
node 6 checked!...31 matches found!
node 7 checked!...32 matches found!
node 8 checked!...34 matches found!
node 9 checked!...36 matches found!
node 10 checked!...34 matches found!
node 11 checked!...34 matches found!
node 12 checked!...32 matches found!
node 13 checked!...35 matches found!
node 14 checked!...39 matches found!
node 15 checked!...36 matches found!
node 16 checked!...34 matches found!
node 17 checked!...34 matches found!
node 18 checked!...33 matches found!
node 19 checked!...35 matches found!
node 20 checked!...36 matches found!
node 21 checked!...35 matches found!
node 22 checked!...32 matches found!
node 23 checked!...37 matches found!
node 24 checked!...37 matches found!
node 25 checked!...34 matches found!
node 26 checked!...34 matches found!
node 27 checked!...35 matches found!
node 28 checked!...35 matches found!
node 29 checked!...29 matches found!
node 30 checked!...34 matches found!

Voting array

[34 38 29 37 31 31 32 34 36 34 34 32 35 39 36 34 34 33 35 36 35 32 37 37 34
 34 35 35 29 34]

Putative nodes

[4 23 24 2 14]

Best matching node from voting array

14

Presence of query node in putative nodes

Absent

Node 17 -> query image 8

----

85 features detected!

Checking for matches...

node 1 checked!...32 matches found!
node 2 checked!...28 matches found!
node 3 checked!...33 matches found!
node 4 checked!...37 matches found!
node 5 checked!...34 matches found!
node 6 checked!...32 matches found!
node 7 checked!...29 matches found!
node 8 checked!...31 matches found!
node 9 checked!...29 matches found!
node 10 checked!...30 matches found!
node 11 checked!...34 matches found!
node 12 checked!...33 matches found!
node 13 checked!...35 matches found!
node 14 checked!...36 matches found!
node 15 checked!...33 matches found!
node 16 checked!...36 matches found!
node 17 checked!...31 matches found!
node 18 checked!...41 matches found!
node 19 checked!...34 matches found!
node 20 checked!...34 matches found!
node 21 checked!...33 matches found!
node 22 checked!...33 matches found!
node 23 checked!...40 matches found!
node 24 checked!...35 matches found!
node 25 checked!...30 matches found!
node 26 checked!...37 matches found!
node 27 checked!...34 matches found!
node 28 checked!...39 matches found!
node 29 checked!...28 matches found!
node 30 checked!...29 matches found!

Voting array

[32 28 33 37 34 32 29 31 29 30 34 33 35 36 33 36 31 41 34 34 33 33 40 35 30
 37 34 39 28 29]

Putative nodes

[4 26 28 23 18]

Best matching node from voting array

18

Presence of query node in putative nodes

Absent

Node 17 -> query image 9
----

49 features detected!

Checking for matches...

```
node 1 checked!...21 matches found!
node 2 checked!...19 matches found!
node 3 checked!...19 matches found!
node 4 checked!...22 matches found!
node 5 checked!...20 matches found!
node 6 checked!...21 matches found!
node 7 checked!...19 matches found!
node 8 checked!...21 matches found!
node 9 checked!...18 matches found!
node 10 checked!...21 matches found!
node 11 checked!...21 matches found!
node 12 checked!...23 matches found!
node 13 checked!...22 matches found!
node 14 checked!...23 matches found!
node 15 checked!...19 matches found!
node 16 checked!...21 matches found!
node 17 checked!...21 matches found!
node 18 checked!...17 matches found!
node 19 checked!...20 matches found!
node 20 checked!...24 matches found!
node 21 checked!...23 matches found!
node 22 checked!...21 matches found!
node 23 checked!...20 matches found!
node 24 checked!...21 matches found!
node 25 checked!...19 matches found!
node 26 checked!...23 matches found!
node 27 checked!...21 matches found!
node 28 checked!...24 matches found!
node 29 checked!...21 matches found!
node 30 checked!...20 matches found!

Voting array
--------------
[21 19 19 22 20 21 19 21 18 21 21 23 22 23 19 21 21 17 20 24 23 21 20 21 19
 23 21 24 21 20]

Putative nodes
------------
[21 14 28 12 20]

Best matching node from voting array
----------------------------------------
20

Presence of query node in putative nodes
----------------------------------------
Absent


Node 17 -> query image 10
-----------------------

94 features detected!

Checking for matches...

node 1 checked!...36 matches found!
node 2 checked!...32 matches found!
node 3 checked!...37 matches found!
node 4 checked!...44 matches found!
node 5 checked!...38 matches found!
node 6 checked!...29 matches found!
```

```
node 7 checked!...37 matches found!
node 8 checked!...35 matches found!
node 9 checked!...29 matches found!
node 10 checked!...31 matches found!
node 11 checked!...36 matches found!
node 12 checked!...34 matches found!
node 13 checked!...33 matches found!
node 14 checked!...36 matches found!
node 15 checked!...31 matches found!
node 16 checked!...38 matches found!
node 17 checked!...42 matches found!
node 18 checked!...38 matches found!
node 19 checked!...35 matches found!
node 20 checked!...32 matches found!
node 21 checked!...42 matches found!
node 22 checked!...36 matches found!
node 23 checked!...41 matches found!
node 24 checked!...39 matches found!
node 25 checked!...37 matches found!
node 26 checked!...38 matches found!
node 27 checked!...39 matches found!
node 28 checked!...38 matches found!
node 29 checked!...33 matches found!
node 30 checked!...36 matches found!

Voting array
--------------
[36 32 37 44 38 29 37 35 29 31 36 34 33 36 31 38 42 38 35 32 42 36 41 39 37
 38 39 38 33 36]

Putative nodes
------------
[24 23 17 21  4]

Best matching node from voting array
----------------------------------------
4

Presence of query node in putative nodes
----------------------------------------
Present


Node 17 -> query image 11
------------------------

96 features detected!

Checking for matches...

node 1 checked!...34 matches found!
node 2 checked!...33 matches found!
node 3 checked!...41 matches found!
node 4 checked!...40 matches found!
node 5 checked!...33 matches found!
node 6 checked!...31 matches found!
node 7 checked!...30 matches found!
node 8 checked!...40 matches found!
node 9 checked!...27 matches found!
node 10 checked!...30 matches found!
node 11 checked!...37 matches found!
node 12 checked!...31 matches found!
```

```
node 13 checked!...37 matches found!
node 14 checked!...27 matches found!
node 15 checked!...32 matches found!
node 16 checked!...40 matches found!
node 17 checked!...37 matches found!
node 18 checked!...36 matches found!
node 19 checked!...38 matches found!
node 20 checked!...33 matches found!
node 21 checked!...41 matches found!
node 22 checked!...37 matches found!
node 23 checked!...39 matches found!
node 24 checked!...43 matches found!
node 25 checked!...33 matches found!
node 26 checked!...43 matches found!
node 27 checked!...36 matches found!
node 28 checked!...37 matches found!
node 29 checked!...34 matches found!
node 30 checked!...35 matches found!
```

Voting array

[34 33 41 40 33 31 30 40 27 30 37 31 37 27 32 40 37 36 38 33 41 37 39 43 33
 43 36 37 34 35]

Putative nodes

[4 3 21 26 24]

Best matching node from voting array

24

Presence of query node in putative nodes

Absent

Node 17 -> query image 12
----

80 features detected!

Checking for matches...

```
node 1 checked!...34 matches found!
node 2 checked!...40 matches found!
node 3 checked!...39 matches found!
node 4 checked!...40 matches found!
node 5 checked!...35 matches found!
node 6 checked!...36 matches found!
node 7 checked!...33 matches found!
node 8 checked!...43 matches found!
node 9 checked!...39 matches found!
node 10 checked!...40 matches found!
node 11 checked!...43 matches found!
node 12 checked!...37 matches found!
node 13 checked!...37 matches found!
node 14 checked!...36 matches found!
node 15 checked!...34 matches found!
node 16 checked!...38 matches found!
node 17 checked!...36 matches found!
node 18 checked!...37 matches found!
```

```
node 19 checked!...39 matches found!
node 20 checked!...35 matches found!
node 21 checked!...37 matches found!
node 22 checked!...34 matches found!
node 23 checked!...40 matches found!
node 24 checked!...37 matches found!
node 25 checked!...35 matches found!
node 26 checked!...38 matches found!
node 27 checked!...39 matches found!
node 28 checked!...42 matches found!
node 29 checked!...29 matches found!
node 30 checked!...39 matches found!

Voting array
--------------
[34 40 39 40 35 36 33 43 39 40 43 37 37 36 34 38 36 37 39 35 37 34 40 37 35
 38 39 42 29 39]

Putative nodes
------------
[ 4 23 28 11  8]

Best matching node from voting array
---------------------------------------
8

Presence of query node in putative nodes
---------------------------------------
Absent


Node 17 -> query image 13
-----------------------

72 features detected!

Checking for matches...

node 1 checked!...29 matches found!
node 2 checked!...31 matches found!
node 3 checked!...31 matches found!
node 4 checked!...33 matches found!
node 5 checked!...30 matches found!
node 6 checked!...29 matches found!
node 7 checked!...29 matches found!
node 8 checked!...28 matches found!
node 9 checked!...29 matches found!
node 10 checked!...33 matches found!
node 11 checked!...33 matches found!
node 12 checked!...28 matches found!
node 13 checked!...29 matches found!
node 14 checked!...29 matches found!
node 15 checked!...31 matches found!
node 16 checked!...33 matches found!
node 17 checked!...28 matches found!
node 18 checked!...33 matches found!
node 19 checked!...33 matches found!
node 20 checked!...31 matches found!
node 21 checked!...37 matches found!
node 22 checked!...25 matches found!
node 23 checked!...32 matches found!
node 24 checked!...31 matches found!
```

```
node 25 checked!...28 matches found!
node 26 checked!...36 matches found!
node 27 checked!...33 matches found!
node 28 checked!...33 matches found!
node 29 checked!...27 matches found!
node 30 checked!...34 matches found!

Voting array
--------------
[29 31 31 33 30 29 29 28 29 33 33 28 29 29 31 33 28 33 33 31 37 25 32 31 28
 36 33 33 27 34]

Putative nodes
------------
[11 18 21 26 30]

Best matching node from voting array
----------------------------------------
21

Presence of query node in putative nodes
----------------------------------------
Absent


Node 17 -> query image 14
-----------------------

62 features detected!

Checking for matches...

node 1 checked!...24 matches found!
node 2 checked!...23 matches found!
node 3 checked!...27 matches found!
node 4 checked!...29 matches found!
node 5 checked!...24 matches found!
node 6 checked!...26 matches found!
node 7 checked!...21 matches found!
node 8 checked!...20 matches found!
node 9 checked!...22 matches found!
node 10 checked!...26 matches found!
node 11 checked!...25 matches found!
node 12 checked!...26 matches found!
node 13 checked!...24 matches found!
node 14 checked!...26 matches found!
node 15 checked!...23 matches found!
node 16 checked!...23 matches found!
node 17 checked!...29 matches found!
node 18 checked!...26 matches found!
node 19 checked!...22 matches found!
node 20 checked!...30 matches found!
node 21 checked!...27 matches found!
node 22 checked!...25 matches found!
node 23 checked!...26 matches found!
node 24 checked!...24 matches found!
node 25 checked!...21 matches found!
node 26 checked!...27 matches found!
node 27 checked!...26 matches found!
node 28 checked!...26 matches found!
node 29 checked!...22 matches found!
node 30 checked!...26 matches found!
```

Voting array

[24 23 27 29 24 26 21 20 22 26 25 26 24 26 23 23 29 26 22 30 27 25 26 24 21
 27 26 26 22 26]

Putative nodes

[3 21 17 4 20]

Best matching node from voting array

20

Presence of query node in putative nodes

Present

Node 17 -> query image 15
----

55 features detected!

Checking for matches...

node 1 checked!...25 matches found!
node 2 checked!...24 matches found!
node 3 checked!...26 matches found!
node 4 checked!...28 matches found!
node 5 checked!...31 matches found!
node 6 checked!...22 matches found!
node 7 checked!...24 matches found!
node 8 checked!...26 matches found!
node 9 checked!...23 matches found!
node 10 checked!...22 matches found!
node 11 checked!...27 matches found!
node 12 checked!...28 matches found!
node 13 checked!...25 matches found!
node 14 checked!...30 matches found!
node 15 checked!...23 matches found!
node 16 checked!...29 matches found!
node 17 checked!...32 matches found!
node 18 checked!...28 matches found!
node 19 checked!...27 matches found!
node 20 checked!...30 matches found!
node 21 checked!...33 matches found!
node 22 checked!...27 matches found!
node 23 checked!...27 matches found!
node 24 checked!...26 matches found!
node 25 checked!...27 matches found!
node 26 checked!...31 matches found!
node 27 checked!...25 matches found!
node 28 checked!...30 matches found!
node 29 checked!...25 matches found!
node 30 checked!...27 matches found!

Voting array

[25 24 26 28 31 22 24 26 23 22 27 28 25 30 23 29 32 28 27 30 33 27 27 26 27
 31 25 30 25 27]

Putative nodes

[20 26 21 17 5]

Best matching node from voting array

21

Presence of query node in putative nodes

Present

Node 17 -> query image 16
----

80 features detected!

Checking for matches...

node 1 checked!...32 matches found!
node 2 checked!...28 matches found!
node 3 checked!...32 matches found!
node 4 checked!...40 matches found!
node 5 checked!...37 matches found!
node 6 checked!...31 matches found!
node 7 checked!...30 matches found!
node 8 checked!...31 matches found!
node 9 checked!...27 matches found!
node 10 checked!...38 matches found!
node 11 checked!...31 matches found!
node 12 checked!...35 matches found!
node 13 checked!...36 matches found!
node 14 checked!...32 matches found!
node 15 checked!...28 matches found!
node 16 checked!...35 matches found!
node 17 checked!...36 matches found!
node 18 checked!...36 matches found!
node 19 checked!...33 matches found!
node 20 checked!...31 matches found!
node 21 checked!...36 matches found!
node 22 checked!...32 matches found!
node 23 checked!...39 matches found!
node 24 checked!...38 matches found!
node 25 checked!...32 matches found!
node 26 checked!...33 matches found!
node 27 checked!...38 matches found!
node 28 checked!...34 matches found!
node 29 checked!...31 matches found!
node 30 checked!...38 matches found!

Voting array

[32 28 32 40 37 31 30 31 27 38 31 35 36 32 28 35 36 36 33 31 36 32 39 38 32
 33 38 34 31 38]

Putative nodes

[27 30 23 24 4]

Best matching node from voting array

4

Presence of query node in putative nodes

Absent

Node 17 -> query image 17
----

94 features detected!

Checking for matches...

node 1 checked!...34 matches found!
node 2 checked!...35 matches found!
node 3 checked!...38 matches found!
node 4 checked!...38 matches found!
node 5 checked!...39 matches found!
node 6 checked!...34 matches found!
node 7 checked!...29 matches found!
node 8 checked!...32 matches found!
node 9 checked!...30 matches found!
node 10 checked!...35 matches found!
node 11 checked!...39 matches found!
node 12 checked!...40 matches found!
node 13 checked!...35 matches found!
node 14 checked!...36 matches found!
node 15 checked!...34 matches found!
node 16 checked!...36 matches found!
node 17 checked!...38 matches found!
node 18 checked!...43 matches found!
node 19 checked!...37 matches found!
node 20 checked!...41 matches found!
node 21 checked!...36 matches found!
node 22 checked!...30 matches found!
node 23 checked!...42 matches found!
node 24 checked!...36 matches found!
node 25 checked!...32 matches found!
node 26 checked!...38 matches found!
node 27 checked!...38 matches found!
node 28 checked!...33 matches found!
node 29 checked!...32 matches found!
node 30 checked!...37 matches found!

Voting array

[34 35 38 38 39 34 29 32 30 35 39 40 35 36 34 36 38 43 37 41 36 30 42 36 32
 38 38 33 32 37]

Putative nodes

[11 18 12 23 20]

Best matching node from voting array

18

Presence of query node in putative nodes

Absent

Node 17 -> query image 18
----

83 features detected!

Checking for matches...

node 1 checked!...32 matches found!
node 2 checked!...29 matches found!
node 3 checked!...32 matches found!
node 4 checked!...36 matches found!
node 5 checked!...35 matches found!
node 6 checked!...28 matches found!
node 7 checked!...31 matches found!
node 8 checked!...32 matches found!
node 9 checked!...28 matches found!
node 10 checked!...34 matches found!
node 11 checked!...35 matches found!
node 12 checked!...30 matches found!
node 13 checked!...40 matches found!
node 14 checked!...33 matches found!
node 15 checked!...29 matches found!
node 16 checked!...33 matches found!
node 17 checked!...32 matches found!
node 18 checked!...37 matches found!
node 19 checked!...38 matches found!
node 20 checked!...34 matches found!
node 21 checked!...37 matches found!
node 22 checked!...30 matches found!
node 23 checked!...38 matches found!
node 24 checked!...37 matches found!
node 25 checked!...31 matches found!
node 26 checked!...33 matches found!
node 27 checked!...35 matches found!
node 28 checked!...35 matches found!
node 29 checked!...33 matches found!
node 30 checked!...34 matches found!

Voting array

[32 29 32 36 35 28 31 32 28 34 35 30 40 33 29 33 32 37 38 34 37 30 38 37 31
 33 35 35 33 34]

Putative nodes

[24 21 23 13 19]

Best matching node from voting array

13

Presence of query node in putative nodes

Absent

Node 17 -> query image 19
----

78 features detected!

Checking for matches...

node 1 checked!...28 matches found!
node 2 checked!...30 matches found!
node 3 checked!...32 matches found!
node 4 checked!...35 matches found!
node 5 checked!...39 matches found!
node 6 checked!...29 matches found!
node 7 checked!...32 matches found!
node 8 checked!...35 matches found!
node 9 checked!...31 matches found!
node 10 checked!...35 matches found!
node 11 checked!...35 matches found!
node 12 checked!...32 matches found!
node 13 checked!...32 matches found!
node 14 checked!...37 matches found!
node 15 checked!...28 matches found!
node 16 checked!...35 matches found!
node 17 checked!...34 matches found!
node 18 checked!...33 matches found!
node 19 checked!...33 matches found!
node 20 checked!...32 matches found!
node 21 checked!...39 matches found!
node 22 checked!...35 matches found!
node 23 checked!...37 matches found!
node 24 checked!...37 matches found!
node 25 checked!...31 matches found!
node 26 checked!...38 matches found!
node 27 checked!...31 matches found!
node 28 checked!...31 matches found!
node 29 checked!...33 matches found!
node 30 checked!...38 matches found!

Voting array

[28 30 32 35 39 29 32 35 31 35 35 32 32 37 28 35 34 33 33 32 39 35 37 37 31
 38 31 31 33 38]

Putative nodes

[24 21 26 5 30]

Best matching node from voting array

5

Presence of query node in putative nodes

Absent

Node 17 -> query image 20
----

100 features detected!

Checking for matches...

node 1 checked!...37 matches found!
node 2 checked!...35 matches found!
node 3 checked!...34 matches found!
node 4 checked!...42 matches found!

```
node 5 checked!...34 matches found!
node 6 checked!...35 matches found!
node 7 checked!...36 matches found!
node 8 checked!...37 matches found!
node 9 checked!...29 matches found!
node 10 checked!...33 matches found!
node 11 checked!...37 matches found!
node 12 checked!...30 matches found!
node 13 checked!...35 matches found!
node 14 checked!...39 matches found!
node 15 checked!...32 matches found!
node 16 checked!...36 matches found!
node 17 checked!...46 matches found!
node 18 checked!...36 matches found!
node 19 checked!...36 matches found!
node 20 checked!...33 matches found!
node 21 checked!...42 matches found!
node 22 checked!...39 matches found!
node 23 checked!...41 matches found!
node 24 checked!...39 matches found!
node 25 checked!...32 matches found!
node 26 checked!...40 matches found!
node 27 checked!...38 matches found!
node 28 checked!...40 matches found!
node 29 checked!...34 matches found!
node 30 checked!...34 matches found!
```

Voting array

[37 35 34 42 34 35 36 37 29 33 37 30 35 39 32 36 46 36 36 33 42 39 41 39 32
 40 38 40 34 34]

Putative nodes

[26 23 4 21 17]

Best matching node from voting array

17

Presence of query node in putative nodes

Present

Node 17 -> query image 21
----

98 features detected!

Checking for matches...

```
node 1 checked!...36 matches found!
node 2 checked!...32 matches found!
node 3 checked!...37 matches found!
node 4 checked!...42 matches found!
node 5 checked!...40 matches found!
node 6 checked!...32 matches found!
node 7 checked!...33 matches found!
node 8 checked!...33 matches found!
node 9 checked!...29 matches found!
node 10 checked!...39 matches found!
```

```
node 11 checked!...37 matches found!
node 12 checked!...33 matches found!
node 13 checked!...41 matches found!
node 14 checked!...35 matches found!
node 15 checked!...32 matches found!
node 16 checked!...38 matches found!
node 17 checked!...40 matches found!
node 18 checked!...40 matches found!
node 19 checked!...39 matches found!
node 20 checked!...33 matches found!
node 21 checked!...40 matches found!
node 22 checked!...40 matches found!
node 23 checked!...42 matches found!
node 24 checked!...42 matches found!
node 25 checked!...35 matches found!
node 26 checked!...39 matches found!
node 27 checked!...36 matches found!
node 28 checked!...39 matches found!
node 29 checked!...33 matches found!
node 30 checked!...36 matches found!

Voting array
--------------
[36 32 37 42 40 32 33 33 29 39 37 33 41 35 32 38 40 40 39 33 40 40 42 42 35
 39 36 39 33 36]

Putative nodes
------------
[21 13 24 23  4]

Best matching node from voting array
----------------------------------------
4

Presence of query node in putative nodes
----------------------------------------
Absent


Node 17 -> query image 22
------------------------

93 features detected!

Checking for matches...

node 1 checked!...33 matches found!
node 2 checked!...36 matches found!
node 3 checked!...36 matches found!
node 4 checked!...36 matches found!
node 5 checked!...39 matches found!
node 6 checked!...34 matches found!
node 7 checked!...31 matches found!
node 8 checked!...34 matches found!
node 9 checked!...32 matches found!
node 10 checked!...34 matches found!
node 11 checked!...36 matches found!
node 12 checked!...36 matches found!
node 13 checked!...37 matches found!
node 14 checked!...38 matches found!
node 15 checked!...35 matches found!
node 16 checked!...36 matches found!
```

```
node 17 checked!...38 matches found!
node 18 checked!...38 matches found!
node 19 checked!...33 matches found!
node 20 checked!...41 matches found!
node 21 checked!...36 matches found!
node 22 checked!...31 matches found!
node 23 checked!...40 matches found!
node 24 checked!...35 matches found!
node 25 checked!...31 matches found!
node 26 checked!...34 matches found!
node 27 checked!...39 matches found!
node 28 checked!...33 matches found!
node 29 checked!...31 matches found!
node 30 checked!...35 matches found!

Voting array
--------------
[33 36 36 36 39 34 31 34 32 34 36 36 37 38 35 36 38 38 33 41 36 31 40 35 31
 34 39 33 31 35]

Putative nodes
------------
[17 27  5 23 20]

Best matching node from voting array
----------------------------------------
20

Presence of query node in putative nodes
----------------------------------------
Present


Node 17 -> query image 23
-----------------------

96 features detected!

Checking for matches...

node 1 checked!...31 matches found!
node 2 checked!...32 matches found!
node 3 checked!...41 matches found!
node 4 checked!...43 matches found!
node 5 checked!...39 matches found!
node 6 checked!...36 matches found!
node 7 checked!...35 matches found!
node 8 checked!...35 matches found!
node 9 checked!...35 matches found!
node 10 checked!...33 matches found!
node 11 checked!...43 matches found!
node 12 checked!...37 matches found!
node 13 checked!...40 matches found!
node 14 checked!...35 matches found!
node 15 checked!...41 matches found!
node 16 checked!...38 matches found!
node 17 checked!...37 matches found!
node 18 checked!...44 matches found!
node 19 checked!...40 matches found!
node 20 checked!...36 matches found!
node 21 checked!...39 matches found!
node 22 checked!...37 matches found!
```

```
node 23 checked!...42 matches found!
node 24 checked!...41 matches found!
node 25 checked!...33 matches found!
node 26 checked!...38 matches found!
node 27 checked!...37 matches found!
node 28 checked!...37 matches found!
node 29 checked!...38 matches found!
node 30 checked!...40 matches found!

Voting array
--------------
[31 32 41 43 39 36 35 35 35 33 43 37 40 35 41 38 37 44 40 36 39 37 42 41 33
 38 37 37 38 40]

Putative nodes
------------
[24 18  4 23 11]

Best matching node from voting array
----------------------------------------
18

Presence of query node in putative nodes
----------------------------------------
Absent


Node 17 -> query image 24
------------------------

95 features detected!

Checking for matches...

node 1 checked!...42 matches found!
node 2 checked!...36 matches found!
node 3 checked!...38 matches found!
node 4 checked!...44 matches found!
node 5 checked!...35 matches found!
node 6 checked!...31 matches found!
node 7 checked!...35 matches found!
node 8 checked!...39 matches found!
node 9 checked!...34 matches found!
node 10 checked!...40 matches found!
node 11 checked!...40 matches found!
node 12 checked!...35 matches found!
node 13 checked!...40 matches found!
node 14 checked!...41 matches found!
node 15 checked!...32 matches found!
node 16 checked!...38 matches found!
node 17 checked!...36 matches found!
node 18 checked!...38 matches found!
node 19 checked!...37 matches found!
node 20 checked!...37 matches found!
node 21 checked!...38 matches found!
node 22 checked!...29 matches found!
node 23 checked!...41 matches found!
node 24 checked!...39 matches found!
node 25 checked!...33 matches found!
node 26 checked!...37 matches found!
node 27 checked!...32 matches found!
node 28 checked!...33 matches found!
```

```
node 29 checked!...34 matches found!
node 30 checked!...37 matches found!

Voting array
--------------
[42 36 38 44 35 31 35 39 34 40 40 35 40 41 32 38 36 38 37 37 38 29 41 39 33
 37 32 33 34 37]

Putative nodes
------------
[10 14 23  4  1]

Best matching node from voting array
----------------------------------------
4

Presence of query node in putative nodes
----------------------------------------
Absent


Node 17 -> query image 25
------------------------

88 features detected!

Checking for matches...

node 1 checked!...29 matches found!
node 2 checked!...31 matches found!
node 3 checked!...33 matches found!
node 4 checked!...41 matches found!
node 5 checked!...39 matches found!
node 6 checked!...34 matches found!
node 7 checked!...27 matches found!
node 8 checked!...35 matches found!
node 9 checked!...30 matches found!
node 10 checked!...38 matches found!
node 11 checked!...30 matches found!
node 12 checked!...34 matches found!
node 13 checked!...37 matches found!
node 14 checked!...33 matches found!
node 15 checked!...27 matches found!
node 16 checked!...36 matches found!
node 17 checked!...36 matches found!
node 18 checked!...38 matches found!
node 19 checked!...37 matches found!
node 20 checked!...32 matches found!
node 21 checked!...39 matches found!
node 22 checked!...38 matches found!
node 23 checked!...43 matches found!
node 24 checked!...36 matches found!
node 25 checked!...33 matches found!
node 26 checked!...38 matches found!
node 27 checked!...38 matches found!
node 28 checked!...35 matches found!
node 29 checked!...31 matches found!
node 30 checked!...32 matches found!

Voting array
--------------
[29 31 33 41 39 34 27 35 30 38 30 34 37 33 27 36 36 38 37 32 39 38 43 36 33
```

```
 38 38 35 31 32]
```

Putative nodes

[26 5 23 21 4]

Best matching node from voting array

23

Presence of query node in putative nodes

Absent

Node 17 -> query image 26
----

98 features detected!

Checking for matches...

node 1 checked!...32 matches found!
node 2 checked!...35 matches found!
node 3 checked!...39 matches found!
node 4 checked!...41 matches found!
node 5 checked!...41 matches found!
node 6 checked!...33 matches found!
node 7 checked!...32 matches found!
node 8 checked!...31 matches found!
node 9 checked!...28 matches found!
node 10 checked!...37 matches found!
node 11 checked!...38 matches found!
node 12 checked!...37 matches found!
node 13 checked!...39 matches found!
node 14 checked!...38 matches found!
node 15 checked!...38 matches found!
node 16 checked!...39 matches found!
node 17 checked!...38 matches found!
node 18 checked!...40 matches found!
node 19 checked!...37 matches found!
node 20 checked!...42 matches found!
node 21 checked!...36 matches found!
node 22 checked!...34 matches found!
node 23 checked!...45 matches found!
node 24 checked!...36 matches found!
node 25 checked!...31 matches found!
node 26 checked!...37 matches found!
node 27 checked!...44 matches found!
node 28 checked!...35 matches found!
node 29 checked!...35 matches found!
node 30 checked!...37 matches found!

Voting array

[32 35 39 41 41 33 32 31 28 37 38 37 39 38 38 39 38 40 37 42 36 34 45 36 31
 37 44 35 35 37]

Putative nodes

[5 20 4 27 23]

Best matching node from voting array

23

Presence of query node in putative nodes

Absent

Node 17 -> query image 27
----

82 features detected!

Checking for matches...

node 1 checked!...34 matches found!
node 2 checked!...31 matches found!
node 3 checked!...37 matches found!
node 4 checked!...38 matches found!
node 5 checked!...39 matches found!
node 6 checked!...27 matches found!
node 7 checked!...33 matches found!
node 8 checked!...38 matches found!
node 9 checked!...30 matches found!
node 10 checked!...39 matches found!
node 11 checked!...35 matches found!
node 12 checked!...34 matches found!
node 13 checked!...38 matches found!
node 14 checked!...34 matches found!
node 15 checked!...31 matches found!
node 16 checked!...38 matches found!
node 17 checked!...34 matches found!
node 18 checked!...38 matches found!
node 19 checked!...39 matches found!
node 20 checked!...33 matches found!
node 21 checked!...41 matches found!
node 22 checked!...36 matches found!
node 23 checked!...38 matches found!
node 24 checked!...36 matches found!
node 25 checked!...32 matches found!
node 26 checked!...37 matches found!
node 27 checked!...35 matches found!
node 28 checked!...33 matches found!
node 29 checked!...35 matches found!
node 30 checked!...35 matches found!

Voting array

[34 31 37 38 39 27 33 38 30 39 35 34 38 34 31 38 34 38 39 33 41 36 38 36 32
 37 35 33 35 35]

Putative nodes

[18 10 5 19 21]

Best matching node from voting array

21

Presence of query node in putative nodes

Absent

Node 17 -> query image 28
----

94 features detected!

Checking for matches...

node 1 checked!...30 matches found!
node 2 checked!...30 matches found!
node 3 checked!...31 matches found!
node 4 checked!...38 matches found!
node 5 checked!...34 matches found!
node 6 checked!...30 matches found!
node 7 checked!...34 matches found!
node 8 checked!...37 matches found!
node 9 checked!...29 matches found!
node 10 checked!...27 matches found!
node 11 checked!...35 matches found!
node 12 checked!...34 matches found!
node 13 checked!...33 matches found!
node 14 checked!...32 matches found!
node 15 checked!...28 matches found!
node 16 checked!...37 matches found!
node 17 checked!...43 matches found!
node 18 checked!...35 matches found!
node 19 checked!...29 matches found!
node 20 checked!...30 matches found!
node 21 checked!...40 matches found!
node 22 checked!...35 matches found!
node 23 checked!...41 matches found!
node 24 checked!...34 matches found!
node 25 checked!...28 matches found!
node 26 checked!...34 matches found!
node 27 checked!...37 matches found!
node 28 checked!...35 matches found!
node 29 checked!...31 matches found!
node 30 checked!...38 matches found!

Voting array

[30 30 31 38 34 30 34 37 29 27 35 34 33 32 28 37 43 35 29 30 40 35 41 34 28
 34 37 35 31 38]

Putative nodes

[4 30 17 21 23]

Best matching node from voting array

17

Presence of query node in putative nodes

Present

Node 17 -> query image 29
----

96 features detected!

Checking for matches...

node 1 checked!...31 matches found!
node 2 checked!...32 matches found!
node 3 checked!...32 matches found!
node 4 checked!...36 matches found!
node 5 checked!...35 matches found!
node 6 checked!...31 matches found!
node 7 checked!...34 matches found!
node 8 checked!...37 matches found!
node 9 checked!...30 matches found!
node 10 checked!...27 matches found!
node 11 checked!...35 matches found!
node 12 checked!...32 matches found!
node 13 checked!...35 matches found!
node 14 checked!...35 matches found!
node 15 checked!...29 matches found!
node 16 checked!...36 matches found!
node 17 checked!...47 matches found!
node 18 checked!...33 matches found!
node 19 checked!...29 matches found!
node 20 checked!...33 matches found!
node 21 checked!...39 matches found!
node 22 checked!...33 matches found!
node 23 checked!...41 matches found!
node 24 checked!...33 matches found!
node 25 checked!...28 matches found!
node 26 checked!...36 matches found!
node 27 checked!...33 matches found!
node 28 checked!...36 matches found!
node 29 checked!...30 matches found!
node 30 checked!...34 matches found!

Voting array

[31 32 32 36 35 31 34 37 30 27 35 32 35 35 29 36 47 33 29 33 39 33 41 33 28
 36 33 36 30 34]

Putative nodes

[26 8 21 23 17]

Best matching node from voting array

17

Presence of query node in putative nodes

Present

Node 17 -> query image 30
----

88 features detected!

Checking for matches...

node 1 checked!...31 matches found!
node 2 checked!...29 matches found!

```
node 3 checked!...34 matches found!
node 4 checked!...38 matches found!
node 5 checked!...36 matches found!
node 6 checked!...33 matches found!
node 7 checked!...28 matches found!
node 8 checked!...32 matches found!
node 9 checked!...32 matches found!
node 10 checked!...36 matches found!
node 11 checked!...32 matches found!
node 12 checked!...36 matches found!
node 13 checked!...32 matches found!
node 14 checked!...31 matches found!
node 15 checked!...26 matches found!
node 16 checked!...36 matches found!
node 17 checked!...37 matches found!
node 18 checked!...35 matches found!
node 19 checked!...35 matches found!
node 20 checked!...32 matches found!
node 21 checked!...39 matches found!
node 22 checked!...36 matches found!
node 23 checked!...39 matches found!
node 24 checked!...37 matches found!
node 25 checked!...30 matches found!
node 26 checked!...36 matches found!
node 27 checked!...36 matches found!
node 28 checked!...37 matches found!
node 29 checked!...33 matches found!
node 30 checked!...36 matches found!
```

Voting array

[31 29 34 38 36 33 28 32 32 36 32 36 32 31 26 36 37 35 35 32 39 36 39 37 30
 36 36 37 33 36]

Putative nodes

[17 24 21 4 23]

Best matching node from voting array

21

Presence of query node in putative nodes

Present

Node 17 -> query image 31
----

98 features detected!

Checking for matches...

```
node 1 checked!...30 matches found!
node 2 checked!...35 matches found!
node 3 checked!...44 matches found!
node 4 checked!...42 matches found!
node 5 checked!...39 matches found!
node 6 checked!...34 matches found!
node 7 checked!...31 matches found!
node 8 checked!...32 matches found!
```

```
node 9 checked!...29 matches found!
node 10 checked!...40 matches found!
node 11 checked!...41 matches found!
node 12 checked!...34 matches found!
node 13 checked!...42 matches found!
node 14 checked!...38 matches found!
node 15 checked!...39 matches found!
node 16 checked!...36 matches found!
node 17 checked!...37 matches found!
node 18 checked!...44 matches found!
node 19 checked!...38 matches found!
node 20 checked!...42 matches found!
node 21 checked!...37 matches found!
node 22 checked!...33 matches found!
node 23 checked!...43 matches found!
node 24 checked!...39 matches found!
node 25 checked!...33 matches found!
node 26 checked!...36 matches found!
node 27 checked!...38 matches found!
node 28 checked!...32 matches found!
node 29 checked!...37 matches found!
node 30 checked!...37 matches found!


Voting array
--------------
[30 35 44 42 39 34 31 32 29 40 41 34 42 38 39 36 37 44 38 42 37 33 43 39 33
 36 38 32 37 37]

Putative nodes
-------------
[13 20 23  3 18]

Best matching node from voting array
----------------------------------------
3

Presence of query node in putative nodes
----------------------------------------
Absent


Node 17 -> query image 32
------------------------

100 features detected!

Checking for matches...

node 1 checked!...33 matches found!
node 2 checked!...34 matches found!
node 3 checked!...40 matches found!
node 4 checked!...42 matches found!
node 5 checked!...38 matches found!
node 6 checked!...35 matches found!
node 7 checked!...34 matches found!
node 8 checked!...34 matches found!
node 9 checked!...31 matches found!
node 10 checked!...37 matches found!
node 11 checked!...41 matches found!
node 12 checked!...35 matches found!
node 13 checked!...41 matches found!
node 14 checked!...34 matches found!
```

```
node 15 checked!...38 matches found!
node 16 checked!...36 matches found!
node 17 checked!...34 matches found!
node 18 checked!...44 matches found!
node 19 checked!...37 matches found!
node 20 checked!...40 matches found!
node 21 checked!...37 matches found!
node 22 checked!...30 matches found!
node 23 checked!...43 matches found!
node 24 checked!...39 matches found!
node 25 checked!...33 matches found!
node 26 checked!...37 matches found!
node 27 checked!...40 matches found!
node 28 checked!...35 matches found!
node 29 checked!...36 matches found!
node 30 checked!...36 matches found!

Voting array
--------------
[33 34 40 42 38 35 34 34 31 37 41 35 41 34 38 36 34 44 37 40 37 30 43 39 33
 37 40 35 36 36]

Putative nodes
------------
[13 11  4 18 23]

Best matching node from voting array
----------------------------------------
18

Presence of query node in putative nodes
----------------------------------------
Absent


Node 17 -> query image 33
-------------------------

100 features detected!

Checking for matches...

node 1 checked!...31 matches found!
node 2 checked!...32 matches found!
node 3 checked!...32 matches found!
node 4 checked!...39 matches found!
node 5 checked!...37 matches found!
node 6 checked!...33 matches found!
node 7 checked!...36 matches found!
node 8 checked!...38 matches found!
node 9 checked!...30 matches found!
node 10 checked!...29 matches found!
node 11 checked!...36 matches found!
node 12 checked!...32 matches found!
node 13 checked!...34 matches found!
node 14 checked!...34 matches found!
node 15 checked!...30 matches found!
node 16 checked!...38 matches found!
node 17 checked!...46 matches found!
node 18 checked!...36 matches found!
node 19 checked!...28 matches found!
node 20 checked!...30 matches found!
```

```
node 21 checked!...39 matches found!
node 22 checked!...35 matches found!
node 23 checked!...42 matches found!
node 24 checked!...36 matches found!
node 25 checked!...31 matches found!
node 26 checked!...36 matches found!
node 27 checked!...37 matches found!
node 28 checked!...38 matches found!
node 29 checked!...32 matches found!
node 30 checked!...37 matches found!


Voting array
--------------
[31 32 32 39 37 33 36 38 30 29 36 32 34 34 30 38 46 36 28 30 39 35 42 36 31
 36 37 38 32 37]

Putative nodes
------------
[ 8 21  4 23 17]

Best matching node from voting array
---------------------------------------
17

Presence of query node in putative nodes
---------------------------------------
Present


Node 17 -> query image 34
------------------------

51 features detected!

Checking for matches...

node 1 checked!...29 matches found!
node 2 checked!...28 matches found!
node 3 checked!...27 matches found!
node 4 checked!...30 matches found!
node 5 checked!...29 matches found!
node 6 checked!...25 matches found!
node 7 checked!...26 matches found!
node 8 checked!...31 matches found!
node 9 checked!...25 matches found!
node 10 checked!...26 matches found!
node 11 checked!...30 matches found!
node 12 checked!...26 matches found!
node 13 checked!...27 matches found!
node 14 checked!...30 matches found!
node 15 checked!...25 matches found!
node 16 checked!...27 matches found!
node 17 checked!...31 matches found!
node 18 checked!...28 matches found!
node 19 checked!...27 matches found!
node 20 checked!...28 matches found!
node 21 checked!...24 matches found!
node 22 checked!...28 matches found!
node 23 checked!...32 matches found!
node 24 checked!...28 matches found!
node 25 checked!...28 matches found!
node 26 checked!...32 matches found!
```

```
node 27 checked!...27 matches found!
node 28 checked!...30 matches found!
node 29 checked!...22 matches found!
node 30 checked!...28 matches found!

Voting array
--------------
[29 28 27 30 29 25 26 31 25 26 30 26 27 30 25 27 31 28 27 28 24 28 32 28 28
 32 27 30 22 28]

Putative nodes
------------
[11 17  8 23 26]

Best matching node from voting array
----------------------------------------
23

Presence of query node in putative nodes
----------------------------------------
Present


Node 17 -> query image 35
-----------------------

22 features detected!

Checking for matches...

node 1 checked!...16 matches found!
node 2 checked!...17 matches found!
node 3 checked!...16 matches found!
node 4 checked!...18 matches found!
node 5 checked!...17 matches found!
node 6 checked!...15 matches found!
node 7 checked!...16 matches found!
node 8 checked!...18 matches found!
node 9 checked!...15 matches found!
node 10 checked!...15 matches found!
node 11 checked!...16 matches found!
node 12 checked!...17 matches found!
node 13 checked!...18 matches found!
node 14 checked!...17 matches found!
node 15 checked!...15 matches found!
node 16 checked!...17 matches found!
node 17 checked!...15 matches found!
node 18 checked!...15 matches found!
node 19 checked!...15 matches found!
node 20 checked!...15 matches found!
node 21 checked!...19 matches found!
node 22 checked!...14 matches found!
node 23 checked!...15 matches found!
node 24 checked!...15 matches found!
node 25 checked!...17 matches found!
node 26 checked!...13 matches found!
node 27 checked!...16 matches found!
node 28 checked!...14 matches found!
node 29 checked!...18 matches found!
node 30 checked!...17 matches found!

Voting array
```

```
--------------
[16 17 16 18 17 15 16 18 15 15 16 17 18 17 15 17 15 15 15 15 19 14 15 15 17
 13 16 14 18 17]
```

Putative nodes

```
[29  4  8 13 21]
```

Best matching node from voting array

21

Presence of query node in putative nodes

Absent

Node 17 -> query image 36
----

52 features detected!

Checking for matches...

```
node 1 checked!...27 matches found!
node 2 checked!...26 matches found!
node 3 checked!...23 matches found!
node 4 checked!...30 matches found!
node 5 checked!...25 matches found!
node 6 checked!...21 matches found!
node 7 checked!...22 matches found!
node 8 checked!...25 matches found!
node 9 checked!...24 matches found!
node 10 checked!...24 matches found!
node 11 checked!...27 matches found!
node 12 checked!...20 matches found!
node 13 checked!...24 matches found!
node 14 checked!...24 matches found!
node 15 checked!...27 matches found!
node 16 checked!...26 matches found!
node 17 checked!...25 matches found!
node 18 checked!...26 matches found!
node 19 checked!...28 matches found!
node 20 checked!...27 matches found!
node 21 checked!...29 matches found!
node 22 checked!...17 matches found!
node 23 checked!...29 matches found!
node 24 checked!...30 matches found!
node 25 checked!...23 matches found!
node 26 checked!...26 matches found!
node 27 checked!...24 matches found!
node 28 checked!...28 matches found!
node 29 checked!...24 matches found!
node 30 checked!...23 matches found!
```

Voting array

```
[27 26 23 30 25 21 22 25 24 24 27 20 24 24 27 26 25 26 28 27 29 17 29 30 23
 26 24 28 24 23]
```

Putative nodes

[19 23 24 4 21]

Best matching node from voting array

4

Presence of query node in putative nodes

Absent

Node 17 -> query image 37
----

71 features detected!

Checking for matches...

node 1 checked!...33 matches found!
node 2 checked!...28 matches found!
node 3 checked!...31 matches found!
node 4 checked!...36 matches found!
node 5 checked!...31 matches found!
node 6 checked!...30 matches found!
node 7 checked!...30 matches found!
node 8 checked!...30 matches found!
node 9 checked!...28 matches found!
node 10 checked!...30 matches found!
node 11 checked!...35 matches found!
node 12 checked!...28 matches found!
node 13 checked!...28 matches found!
node 14 checked!...31 matches found!
node 15 checked!...32 matches found!
node 16 checked!...34 matches found!
node 17 checked!...34 matches found!
node 18 checked!...29 matches found!
node 19 checked!...29 matches found!
node 20 checked!...34 matches found!
node 21 checked!...34 matches found!
node 22 checked!...26 matches found!
node 23 checked!...36 matches found!
node 24 checked!...28 matches found!
node 25 checked!...34 matches found!
node 26 checked!...32 matches found!
node 27 checked!...31 matches found!
node 28 checked!...30 matches found!
node 29 checked!...30 matches found!
node 30 checked!...34 matches found!

Voting array

[33 28 31 36 31 30 30 30 28 30 35 28 28 31 32 34 34 29 29 34 34 26 36 28 34
 32 31 30 30 34]

Putative nodes

[20 30 11 4 23]

Best matching node from voting array

4

Presence of query node in putative nodes

Absent

Node 17 -> query image 38
----

46 features detected!

Checking for matches...

node 1 checked!...25 matches found!
node 2 checked!...23 matches found!
node 3 checked!...25 matches found!
node 4 checked!...28 matches found!
node 5 checked!...29 matches found!
node 6 checked!...25 matches found!
node 7 checked!...24 matches found!
node 8 checked!...30 matches found!
node 9 checked!...25 matches found!
node 10 checked!...22 matches found!
node 11 checked!...33 matches found!
node 12 checked!...22 matches found!
node 13 checked!...30 matches found!
node 14 checked!...23 matches found!
node 15 checked!...27 matches found!
node 16 checked!...27 matches found!
node 17 checked!...28 matches found!
node 18 checked!...23 matches found!
node 19 checked!...24 matches found!
node 20 checked!...23 matches found!
node 21 checked!...30 matches found!
node 22 checked!...23 matches found!
node 23 checked!...27 matches found!
node 24 checked!...27 matches found!
node 25 checked!...28 matches found!
node 26 checked!...31 matches found!
node 27 checked!...25 matches found!
node 28 checked!...30 matches found!
node 29 checked!...28 matches found!
node 30 checked!...29 matches found!

Voting array

[25 23 25 28 29 25 24 30 25 22 33 22 30 23 27 27 28 23 24 23 30 23 27 27 28
 31 25 30 28 29]

Putative nodes

[13 8 11 26 21]

Best matching node from voting array

11

Presence of query node in putative nodes

Absent

Node 17 -> query image 39

----

51 features detected!

Checking for matches...

node 1 checked!...26 matches found!
node 2 checked!...25 matches found!
node 3 checked!...21 matches found!
node 4 checked!...28 matches found!
node 5 checked!...28 matches found!
node 6 checked!...24 matches found!
node 7 checked!...21 matches found!
node 8 checked!...24 matches found!
node 9 checked!...21 matches found!
node 10 checked!...23 matches found!
node 11 checked!...29 matches found!
node 12 checked!...25 matches found!
node 13 checked!...29 matches found!
node 14 checked!...26 matches found!
node 15 checked!...18 matches found!
node 16 checked!...27 matches found!
node 17 checked!...28 matches found!
node 18 checked!...25 matches found!
node 19 checked!...21 matches found!
node 20 checked!...22 matches found!
node 21 checked!...28 matches found!
node 22 checked!...22 matches found!
node 23 checked!...26 matches found!
node 24 checked!...26 matches found!
node 25 checked!...24 matches found!
node 26 checked!...23 matches found!
node 27 checked!...24 matches found!
node 28 checked!...27 matches found!
node 29 checked!...22 matches found!
node 30 checked!...28 matches found!

Voting array

[26 25 21 28 28 24 21 24 21 23 29 25 29 26 18 27 28 25 21 22 28 22 26 26 24
 23 24 27 22 28]

Putative nodes

[21 5 11 17 13]

Best matching node from voting array

11

Presence of query node in putative nodes

Present

Node 17 -> query image 40
----

77 features detected!

Checking for matches...

```
node 1 checked!...25 matches found!
node 2 checked!...27 matches found!
node 3 checked!...32 matches found!
node 4 checked!...28 matches found!
node 5 checked!...30 matches found!
node 6 checked!...24 matches found!
node 7 checked!...25 matches found!
node 8 checked!...28 matches found!
node 9 checked!...24 matches found!
node 10 checked!...29 matches found!
node 11 checked!...29 matches found!
node 12 checked!...27 matches found!
node 13 checked!...24 matches found!
node 14 checked!...27 matches found!
node 15 checked!...23 matches found!
node 16 checked!...31 matches found!
node 17 checked!...31 matches found!
node 18 checked!...29 matches found!
node 19 checked!...29 matches found!
node 20 checked!...28 matches found!
node 21 checked!...32 matches found!
node 22 checked!...23 matches found!
node 23 checked!...34 matches found!
node 24 checked!...29 matches found!
node 25 checked!...28 matches found!
node 26 checked!...29 matches found!
node 27 checked!...29 matches found!
node 28 checked!...31 matches found!
node 29 checked!...27 matches found!
node 30 checked!...31 matches found!
```

Voting array

[25 27 32 28 30 24 25 28 24 29 29 27 24 27 23 31 31 29 29 28 32 23 34 29 28
 29 29 31 27 31]

Putative nodes

[16 30 21 3 23]

Best matching node from voting array

23

Presence of query node in putative nodes

Absent

 Node 17 testing completed!

Node 18 -> query image 1
----

12 features detected!

Checking for matches...

node 1 checked!...11 matches found!
node 2 checked!...10 matches found!
node 3 checked!...11 matches found!

```
node 4 checked!...11 matches found!
node 5 checked!...10 matches found!
node 6 checked!...10 matches found!
node 7 checked!...10 matches found!
node 8 checked!...10 matches found!
node 9 checked!...11 matches found!
node 10 checked!...11 matches found!
node 11 checked!...11 matches found!
node 12 checked!...11 matches found!
node 13 checked!...9 matches found!
node 14 checked!...10 matches found!
node 15 checked!...10 matches found!
node 16 checked!...11 matches found!
node 17 checked!...11 matches found!
node 18 checked!...11 matches found!
node 19 checked!...10 matches found!
node 20 checked!...10 matches found!
node 21 checked!...11 matches found!
node 22 checked!...9 matches found!
node 23 checked!...11 matches found!
node 24 checked!...10 matches found!
node 25 checked!...10 matches found!
node 26 checked!...11 matches found!
node 27 checked!...11 matches found!
node 28 checked!...10 matches found!
node 29 checked!...10 matches found!
node 30 checked!...10 matches found!

Voting array
--------------
[11 10 11 11 10 10 10 10 11 11 11 11  9 10 10 11 11 11 10 10 11  9 11 10 10
 11 11 10 10 10]

Putative nodes
------------
[10 11  9 18  1]

Best matching node from voting array
----------------------------------------
1

Presence of query node in putative nodes
----------------------------------------
Present


Node 18 -> query image 2
------------------------

55 features detected!

Checking for matches...

node 1 checked!...30 matches found!
node 2 checked!...23 matches found!
node 3 checked!...29 matches found!
node 4 checked!...33 matches found!
node 5 checked!...30 matches found!
node 6 checked!...24 matches found!
node 7 checked!...25 matches found!
node 8 checked!...26 matches found!
node 9 checked!...23 matches found!
```

```
node 10 checked!...29 matches found!
node 11 checked!...34 matches found!
node 12 checked!...27 matches found!
node 13 checked!...27 matches found!
node 14 checked!...24 matches found!
node 15 checked!...27 matches found!
node 16 checked!...28 matches found!
node 17 checked!...29 matches found!
node 18 checked!...27 matches found!
node 19 checked!...28 matches found!
node 20 checked!...32 matches found!
node 21 checked!...30 matches found!
node 22 checked!...27 matches found!
node 23 checked!...36 matches found!
node 24 checked!...30 matches found!
node 25 checked!...24 matches found!
node 26 checked!...29 matches found!
node 27 checked!...29 matches found!
node 28 checked!...31 matches found!
node 29 checked!...28 matches found!
node 30 checked!...29 matches found!

Voting array
--------------
[30 23 29 33 30 24 25 26 23 29 34 27 27 24 27 28 29 27 28 32 30 27 36 30 24
 29 29 31 28 29]

Putative nodes
------------
[28 20 23 11  4]

Best matching node from voting array
----------------------------------------
23

Presence of query node in putative nodes
----------------------------------------
Absent


Node 18 -> query image 3
------------------------

72 features detected!

Checking for matches...

node 1 checked!...32 matches found!
node 2 checked!...35 matches found!
node 3 checked!...32 matches found!
node 4 checked!...38 matches found!
node 5 checked!...34 matches found!
node 6 checked!...32 matches found!
node 7 checked!...29 matches found!
node 8 checked!...34 matches found!
node 9 checked!...31 matches found!
node 10 checked!...35 matches found!
node 11 checked!...34 matches found!
node 12 checked!...34 matches found!
node 13 checked!...31 matches found!
node 14 checked!...29 matches found!
node 15 checked!...31 matches found!
```

```
node 16 checked!...38 matches found!
node 17 checked!...35 matches found!
node 18 checked!...37 matches found!
node 19 checked!...31 matches found!
node 20 checked!...32 matches found!
node 21 checked!...32 matches found!
node 22 checked!...31 matches found!
node 23 checked!...40 matches found!
node 24 checked!...42 matches found!
node 25 checked!...33 matches found!
node 26 checked!...32 matches found!
node 27 checked!...33 matches found!
node 28 checked!...39 matches found!
node 29 checked!...29 matches found!
node 30 checked!...32 matches found!

Voting array
--------------
[32 35 32 38 34 32 29 34 31 35 34 34 31 29 31 38 35 37 31 32 32 31 40 42 33
 32 33 39 29 32]

Putative nodes
------------
[16  4 28 24 23]

Best matching node from voting array
----------------------------------------
24

Presence of query node in putative nodes
----------------------------------------
Absent


Node 18 -> query image 4
------------------------

62 features detected!

Checking for matches...

node 1 checked!...30 matches found!
node 2 checked!...31 matches found!
node 3 checked!...28 matches found!
node 4 checked!...34 matches found!
node 5 checked!...30 matches found!
node 6 checked!...28 matches found!
node 7 checked!...30 matches found!
node 8 checked!...31 matches found!
node 9 checked!...25 matches found!
node 10 checked!...32 matches found!
node 11 checked!...31 matches found!
node 12 checked!...35 matches found!
node 13 checked!...32 matches found!
node 14 checked!...32 matches found!
node 15 checked!...31 matches found!
node 16 checked!...34 matches found!
node 17 checked!...29 matches found!
node 18 checked!...36 matches found!
node 19 checked!...26 matches found!
node 20 checked!...27 matches found!
node 21 checked!...36 matches found!
```

```
node 22 checked!...28 matches found!
node 23 checked!...34 matches found!
node 24 checked!...32 matches found!
node 25 checked!...34 matches found!
node 26 checked!...31 matches found!
node 27 checked!...27 matches found!
node 28 checked!...27 matches found!
node 29 checked!...30 matches found!
node 30 checked!...33 matches found!

Voting array
--------------
[30 31 28 34 30 28 30 31 25 32 31 35 32 32 31 34 29 36 26 27 36 28 34 32 34
 31 27 27 30 33]

Putative nodes
------------
[23 25 12 18 21]

Best matching node from voting array
----------------------------------------
18

Presence of query node in putative nodes
----------------------------------------
Present


Node 18 -> query image 5
------------------------

67 features detected!

Checking for matches...

node 1 checked!...26 matches found!
node 2 checked!...30 matches found!
node 3 checked!...31 matches found!
node 4 checked!...33 matches found!
node 5 checked!...32 matches found!
node 6 checked!...31 matches found!
node 7 checked!...28 matches found!
node 8 checked!...32 matches found!
node 9 checked!...32 matches found!
node 10 checked!...31 matches found!
node 11 checked!...26 matches found!
node 12 checked!...32 matches found!
node 13 checked!...31 matches found!
node 14 checked!...30 matches found!
node 15 checked!...27 matches found!
node 16 checked!...30 matches found!
node 17 checked!...29 matches found!
node 18 checked!...28 matches found!
node 19 checked!...31 matches found!
node 20 checked!...32 matches found!
node 21 checked!...28 matches found!
node 22 checked!...26 matches found!
node 23 checked!...31 matches found!
node 24 checked!...33 matches found!
node 25 checked!...30 matches found!
node 26 checked!...24 matches found!
node 27 checked!...26 matches found!
```

```
node 28 checked!...35 matches found!
node 29 checked!...32 matches found!
node 30 checked!...33 matches found!

Voting array
--------------
[26 30 31 33 32 31 28 32 32 31 26 32 31 30 27 30 29 28 31 32 28 26 31 33 30
 24 26 35 32 33]

Putative nodes
------------
[12  4 28 24 30]

Best matching node from voting array
---------------------------------------
28

Presence of query node in putative nodes
---------------------------------------
Absent


Node 18 -> query image 6
------------------------

29 features detected!

Checking for matches...

node 1 checked!...17 matches found!
node 2 checked!...15 matches found!
node 3 checked!...17 matches found!
node 4 checked!...19 matches found!
node 5 checked!...19 matches found!
node 6 checked!...15 matches found!
node 7 checked!...16 matches found!
node 8 checked!...18 matches found!
node 9 checked!...17 matches found!
node 10 checked!...17 matches found!
node 11 checked!...18 matches found!
node 12 checked!...17 matches found!
node 13 checked!...17 matches found!
node 14 checked!...17 matches found!
node 15 checked!...18 matches found!
node 16 checked!...17 matches found!
node 17 checked!...15 matches found!
node 18 checked!...17 matches found!
node 19 checked!...17 matches found!
node 20 checked!...16 matches found!
node 21 checked!...18 matches found!
node 22 checked!...15 matches found!
node 23 checked!...17 matches found!
node 24 checked!...16 matches found!
node 25 checked!...18 matches found!
node 26 checked!...17 matches found!
node 27 checked!...18 matches found!
node 28 checked!...17 matches found!
node 29 checked!...18 matches found!
node 30 checked!...16 matches found!

Voting array
--------------
```

```
[17 15 17 19 19 15 16 18 17 17 18 17 17 17 18 17 15 17 17 16 18 15 17 16 18
 17 18 17 18 16]
```

Putative nodes

```
[11 21 15  5  4]
```

Best matching node from voting array

4

Presence of query node in putative nodes

Absent

Node 18 -> query image 7
----

3 features detected!

Checking for matches...

```
node 1 checked!...2 matches found!
node 2 checked!...2 matches found!
node 3 checked!...2 matches found!
node 4 checked!...2 matches found!
node 5 checked!...2 matches found!
node 6 checked!...2 matches found!
node 7 checked!...2 matches found!
node 8 checked!...2 matches found!
node 9 checked!...2 matches found!
node 10 checked!...2 matches found!
node 11 checked!...2 matches found!
node 12 checked!...2 matches found!
node 13 checked!...2 matches found!
node 14 checked!...2 matches found!
node 15 checked!...2 matches found!
node 16 checked!...2 matches found!
node 17 checked!...2 matches found!
node 18 checked!...2 matches found!
node 19 checked!...2 matches found!
node 20 checked!...2 matches found!
node 21 checked!...2 matches found!
node 22 checked!...2 matches found!
node 23 checked!...2 matches found!
node 24 checked!...2 matches found!
node 25 checked!...2 matches found!
node 26 checked!...2 matches found!
node 27 checked!...2 matches found!
node 28 checked!...2 matches found!
node 29 checked!...2 matches found!
node 30 checked!...2 matches found!
```

Voting array

```
[2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2]
```

Putative nodes

```
[11 14 12 10 30]
```

Best matching node from voting array

1

Presence of query node in putative nodes

Absent

Node 18 -> query image 8
----

92 features detected!

Checking for matches...

node 1 checked!...36 matches found!
node 2 checked!...33 matches found!
node 3 checked!...34 matches found!
node 4 checked!...41 matches found!
node 5 checked!...37 matches found!
node 6 checked!...36 matches found!
node 7 checked!...39 matches found!
node 8 checked!...41 matches found!
node 9 checked!...38 matches found!
node 10 checked!...41 matches found!
node 11 checked!...39 matches found!
node 12 checked!...34 matches found!
node 13 checked!...39 matches found!
node 14 checked!...37 matches found!
node 15 checked!...36 matches found!
node 16 checked!...42 matches found!
node 17 checked!...38 matches found!
node 18 checked!...39 matches found!
node 19 checked!...39 matches found!
node 20 checked!...39 matches found!
node 21 checked!...37 matches found!
node 22 checked!...32 matches found!
node 23 checked!...41 matches found!
node 24 checked!...45 matches found!
node 25 checked!...33 matches found!
node 26 checked!...36 matches found!
node 27 checked!...38 matches found!
node 28 checked!...38 matches found!
node 29 checked!...38 matches found!
node 30 checked!...39 matches found!

Voting array

[36 33 34 41 37 36 39 41 38 41 39 34 39 37 36 42 38 39 39 39 37 32 41 45 33
 36 38 38 38 39]

Putative nodes

[23 10 4 16 24]

Best matching node from voting array

24

Presence of query node in putative nodes

Absent

Node 18 -> query image 9
----

96 features detected!

Checking for matches...

node 1 checked!...28 matches found!
node 2 checked!...34 matches found!
node 3 checked!...34 matches found!
node 4 checked!...41 matches found!
node 5 checked!...36 matches found!
node 6 checked!...31 matches found!
node 7 checked!...33 matches found!
node 8 checked!...29 matches found!
node 9 checked!...35 matches found!
node 10 checked!...39 matches found!
node 11 checked!...32 matches found!
node 12 checked!...37 matches found!
node 13 checked!...43 matches found!
node 14 checked!...38 matches found!
node 15 checked!...33 matches found!
node 16 checked!...33 matches found!
node 17 checked!...34 matches found!
node 18 checked!...41 matches found!
node 19 checked!...32 matches found!
node 20 checked!...39 matches found!
node 21 checked!...38 matches found!
node 22 checked!...35 matches found!
node 23 checked!...36 matches found!
node 24 checked!...33 matches found!
node 25 checked!...33 matches found!
node 26 checked!...37 matches found!
node 27 checked!...38 matches found!
node 28 checked!...36 matches found!
node 29 checked!...28 matches found!
node 30 checked!...36 matches found!

Voting array

[28 34 34 41 36 31 33 29 35 39 32 37 43 38 33 33 34 41 32 39 38 35 36 33 33
 37 38 36 28 36]

Putative nodes

[10 4 18 13 20]

Best matching node from voting array

13

Presence of query node in putative nodes

Present

Node 18 -> query image 10
----

83 features detected!

Checking for matches...

node 1 checked!...31 matches found!
node 2 checked!...33 matches found!
node 3 checked!...33 matches found!
node 4 checked!...40 matches found!
node 5 checked!...36 matches found!
node 6 checked!...33 matches found!
node 7 checked!...30 matches found!
node 8 checked!...35 matches found!
node 9 checked!...29 matches found!
node 10 checked!...28 matches found!
node 11 checked!...33 matches found!
node 12 checked!...33 matches found!
node 13 checked!...31 matches found!
node 14 checked!...31 matches found!
node 15 checked!...30 matches found!
node 16 checked!...34 matches found!
node 17 checked!...40 matches found!
node 18 checked!...33 matches found!
node 19 checked!...29 matches found!
node 20 checked!...33 matches found!
node 21 checked!...31 matches found!
node 22 checked!...32 matches found!
node 23 checked!...34 matches found!
node 24 checked!...39 matches found!
node 25 checked!...35 matches found!
node 26 checked!...31 matches found!
node 27 checked!...37 matches found!
node 28 checked!...34 matches found!
node 29 checked!...32 matches found!
node 30 checked!...34 matches found!

Voting array

[31 33 33 40 36 33 30 35 29 28 33 33 31 31 30 34 40 33 29 33 31 32 34 39 35
 31 37 34 32 34]

Putative nodes

[5 27 24 4 17]

Best matching node from voting array

4

Presence of query node in putative nodes

Absent

Node 18 -> query image 11
----

85 features detected!

Checking for matches...

node 1 checked!...30 matches found!
node 2 checked!...31 matches found!

```
node 3 checked!...37 matches found!
node 4 checked!...35 matches found!
node 5 checked!...41 matches found!
node 6 checked!...34 matches found!
node 7 checked!...35 matches found!
node 8 checked!...43 matches found!
node 9 checked!...35 matches found!
node 10 checked!...33 matches found!
node 11 checked!...41 matches found!
node 12 checked!...37 matches found!
node 13 checked!...37 matches found!
node 14 checked!...29 matches found!
node 15 checked!...34 matches found!
node 16 checked!...38 matches found!
node 17 checked!...35 matches found!
node 18 checked!...39 matches found!
node 19 checked!...37 matches found!
node 20 checked!...30 matches found!
node 21 checked!...36 matches found!
node 22 checked!...34 matches found!
node 23 checked!...45 matches found!
node 24 checked!...38 matches found!
node 25 checked!...37 matches found!
node 26 checked!...38 matches found!
node 27 checked!...36 matches found!
node 28 checked!...39 matches found!
node 29 checked!...37 matches found!
node 30 checked!...40 matches found!
```

Voting array

[30 31 37 35 41 34 35 43 35 33 41 37 37 29 34 38 35 39 37 30 36 34 45 38 37
 38 36 39 37 40]

Putative nodes

[30 23 5 11 8]

Best matching node from voting array

23

Presence of query node in putative nodes

Absent

Node 18 -> query image 12
----

90 features detected!

Checking for matches...

```
node 1 checked!...35 matches found!
node 2 checked!...35 matches found!
node 3 checked!...37 matches found!
node 4 checked!...37 matches found!
node 5 checked!...40 matches found!
node 6 checked!...37 matches found!
node 7 checked!...36 matches found!
node 8 checked!...40 matches found!
```

```
node 9 checked!...33 matches found!
node 10 checked!...34 matches found!
node 11 checked!...40 matches found!
node 12 checked!...33 matches found!
node 13 checked!...35 matches found!
node 14 checked!...34 matches found!
node 15 checked!...37 matches found!
node 16 checked!...35 matches found!
node 17 checked!...36 matches found!
node 18 checked!...40 matches found!
node 19 checked!...39 matches found!
node 20 checked!...34 matches found!
node 21 checked!...42 matches found!
node 22 checked!...37 matches found!
node 23 checked!...41 matches found!
node 24 checked!...36 matches found!
node 25 checked!...40 matches found!
node 26 checked!...36 matches found!
node 27 checked!...34 matches found!
node 28 checked!...42 matches found!
node 29 checked!...39 matches found!
node 30 checked!...41 matches found!


Voting array
--------------
[35 35 37 37 40 37 36 40 33 34 40 33 35 34 37 35 36 40 39 34 42 37 41 36 40
 36 34 42 39 41]

Putative nodes
------------
[18 23 28 21 30]

Best matching node from voting array
----------------------------------------
21

Presence of query node in putative nodes
----------------------------------------
Present


Node 18 -> query image 13
------------------------

97 features detected!

Checking for matches...

node 1 checked!...35 matches found!
node 2 checked!...37 matches found!
node 3 checked!...37 matches found!
node 4 checked!...42 matches found!
node 5 checked!...41 matches found!
node 6 checked!...37 matches found!
node 7 checked!...36 matches found!
node 8 checked!...41 matches found!
node 9 checked!...32 matches found!
node 10 checked!...43 matches found!
node 11 checked!...40 matches found!
node 12 checked!...35 matches found!
node 13 checked!...38 matches found!
node 14 checked!...30 matches found!
```

```
node 15 checked!...34 matches found!
node 16 checked!...41 matches found!
node 17 checked!...42 matches found!
node 18 checked!...40 matches found!
node 19 checked!...38 matches found!
node 20 checked!...36 matches found!
node 21 checked!...40 matches found!
node 22 checked!...36 matches found!
node 23 checked!...42 matches found!
node 24 checked!...46 matches found!
node 25 checked!...38 matches found!
node 26 checked!...37 matches found!
node 27 checked!...36 matches found!
node 28 checked!...43 matches found!
node 29 checked!...36 matches found!
node 30 checked!...36 matches found!
```

Voting array

[35 37 37 42 41 37 36 41 32 43 40 35 38 30 34 41 42 40 38 36 40 36 42 46 38
 37 36 43 36 36]

Putative nodes

[23 17 10 24 28]

Best matching node from voting array

24

Presence of query node in putative nodes

Absent

Node 18 -> query image 14
----

82 features detected!

Checking for matches...

```
node 1 checked!...32 matches found!
node 2 checked!...33 matches found!
node 3 checked!...36 matches found!
node 4 checked!...43 matches found!
node 5 checked!...39 matches found!
node 6 checked!...35 matches found!
node 7 checked!...34 matches found!
node 8 checked!...39 matches found!
node 9 checked!...34 matches found!
node 10 checked!...38 matches found!
node 11 checked!...36 matches found!
node 12 checked!...34 matches found!
node 13 checked!...37 matches found!
node 14 checked!...38 matches found!
node 15 checked!...33 matches found!
node 16 checked!...35 matches found!
node 17 checked!...35 matches found!
node 18 checked!...41 matches found!
node 19 checked!...32 matches found!
node 20 checked!...42 matches found!
```

```
node 21 checked!...39 matches found!
node 22 checked!...36 matches found!
node 23 checked!...43 matches found!
node 24 checked!...37 matches found!
node 25 checked!...33 matches found!
node 26 checked!...35 matches found!
node 27 checked!...36 matches found!
node 28 checked!...36 matches found!
node 29 checked!...32 matches found!
node 30 checked!...35 matches found!

Voting array
--------------
[32 33 36 43 39 35 34 39 34 38 36 34 37 38 33 35 35 41 32 42 39 36 43 37 33
 35 36 36 32 35]

Putative nodes
------------
[21 18 20  4 23]

Best matching node from voting array
---------------------------------------
4

Presence of query node in putative nodes
---------------------------------------
Present


Node 18 -> query image 15
------------------------

92 features detected!

Checking for matches...

node 1 checked!...34 matches found!
node 2 checked!...33 matches found!
node 3 checked!...36 matches found!
node 4 checked!...36 matches found!
node 5 checked!...41 matches found!
node 6 checked!...35 matches found!
node 7 checked!...37 matches found!
node 8 checked!...41 matches found!
node 9 checked!...35 matches found!
node 10 checked!...44 matches found!
node 11 checked!...42 matches found!
node 12 checked!...33 matches found!
node 13 checked!...35 matches found!
node 14 checked!...32 matches found!
node 15 checked!...40 matches found!
node 16 checked!...38 matches found!
node 17 checked!...40 matches found!
node 18 checked!...42 matches found!
node 19 checked!...33 matches found!
node 20 checked!...41 matches found!
node 21 checked!...34 matches found!
node 22 checked!...37 matches found!
node 23 checked!...40 matches found!
node 24 checked!...38 matches found!
node 25 checked!...33 matches found!
node 26 checked!...42 matches found!
```

```
node 27 checked!...37 matches found!
node 28 checked!...42 matches found!
node 29 checked!...39 matches found!
node 30 checked!...39 matches found!

Voting array
--------------
[34 33 36 36 41 35 37 41 35 44 42 33 35 32 40 38 40 42 33 41 34 37 40 38 33
 42 37 42 39 39]

Putative nodes
------------
[11 28 26 18 10]

Best matching node from voting array
---------------------------------------
10

Presence of query node in putative nodes
---------------------------------------
Present


Node 18 -> query image 16
-----------------------

78 features detected!

Checking for matches...

node 1 checked!...33 matches found!
node 2 checked!...31 matches found!
node 3 checked!...33 matches found!
node 4 checked!...35 matches found!
node 5 checked!...37 matches found!
node 6 checked!...27 matches found!
node 7 checked!...31 matches found!
node 8 checked!...30 matches found!
node 9 checked!...26 matches found!
node 10 checked!...32 matches found!
node 11 checked!...33 matches found!
node 12 checked!...30 matches found!
node 13 checked!...28 matches found!
node 14 checked!...32 matches found!
node 15 checked!...25 matches found!
node 16 checked!...36 matches found!
node 17 checked!...34 matches found!
node 18 checked!...33 matches found!
node 19 checked!...34 matches found!
node 20 checked!...33 matches found!
node 21 checked!...37 matches found!
node 22 checked!...29 matches found!
node 23 checked!...36 matches found!
node 24 checked!...33 matches found!
node 25 checked!...36 matches found!
node 26 checked!...35 matches found!
node 27 checked!...31 matches found!
node 28 checked!...34 matches found!
node 29 checked!...31 matches found!
node 30 checked!...34 matches found!

Voting array
```

```
--------------
[33 31 33 35 37 27 31 30 26 32 33 30 28 32 25 36 34 33 34 33 37 29 36 33 36
 35 31 34 31 34]
```

Putative nodes

```
[16 23 21 25  5]
```

Best matching node from voting array

5

Presence of query node in putative nodes

Absent

Node 18 -> query image 17
----

74 features detected!

Checking for matches...

node 1 checked!...36 matches found!
node 2 checked!...28 matches found!
node 3 checked!...36 matches found!
node 4 checked!...40 matches found!
node 5 checked!...38 matches found!
node 6 checked!...36 matches found!
node 7 checked!...37 matches found!
node 8 checked!...34 matches found!
node 9 checked!...29 matches found!
node 10 checked!...38 matches found!
node 11 checked!...36 matches found!
node 12 checked!...32 matches found!
node 13 checked!...34 matches found!
node 14 checked!...37 matches found!
node 15 checked!...32 matches found!
node 16 checked!...33 matches found!
node 17 checked!...40 matches found!
node 18 checked!...36 matches found!
node 19 checked!...37 matches found!
node 20 checked!...34 matches found!
node 21 checked!...32 matches found!
node 22 checked!...35 matches found!
node 23 checked!...40 matches found!
node 24 checked!...37 matches found!
node 25 checked!...34 matches found!
node 26 checked!...37 matches found!
node 27 checked!...35 matches found!
node 28 checked!...33 matches found!
node 29 checked!...36 matches found!
node 30 checked!...35 matches found!

Voting array

[36 28 36 40 38 36 37 34 29 38 36 32 34 37 32 33 40 36 37 34 32 35 40 37 34
 37 35 33 36 35]
```

Putative nodes
------------

[10  4 23 17  5]

Best matching node from voting array
----------------------------------------
4

Presence of query node in putative nodes
----------------------------------------
Absent


Node 18 -> query image 18
-------------------------

66 features detected!

Checking for matches...

node 1 checked!...28 matches found!
node 2 checked!...26 matches found!
node 3 checked!...28 matches found!
node 4 checked!...32 matches found!
node 5 checked!...32 matches found!
node 6 checked!...29 matches found!
node 7 checked!...29 matches found!
node 8 checked!...30 matches found!
node 9 checked!...26 matches found!
node 10 checked!...28 matches found!
node 11 checked!...29 matches found!
node 12 checked!...25 matches found!
node 13 checked!...32 matches found!
node 14 checked!...29 matches found!
node 15 checked!...25 matches found!
node 16 checked!...32 matches found!
node 17 checked!...31 matches found!
node 18 checked!...30 matches found!
node 19 checked!...26 matches found!
node 20 checked!...30 matches found!
node 21 checked!...35 matches found!
node 22 checked!...29 matches found!
node 23 checked!...32 matches found!
node 24 checked!...35 matches found!
node 25 checked!...30 matches found!
node 26 checked!...29 matches found!
node 27 checked!...29 matches found!
node 28 checked!...30 matches found!
node 29 checked!...33 matches found!
node 30 checked!...31 matches found!

Voting array
--------------
[28 26 28 32 32 29 29 30 26 28 29 25 32 29 25 32 31 30 26 30 35 29 32 35 30
 29 29 30 33 31]

Putative nodes
--------------
[23 24 21 29 16]

Best matching node from voting array
----------------------------------------
21

Presence of query node in putative nodes
----------------------------------------
Absent


Node 18 -> query image 19
------------------------

83 features detected!

Checking for matches...

node 1 checked!...32 matches found!
node 2 checked!...34 matches found!
node 3 checked!...37 matches found!
node 4 checked!...36 matches found!
node 5 checked!...37 matches found!
node 6 checked!...32 matches found!
node 7 checked!...35 matches found!
node 8 checked!...38 matches found!
node 9 checked!...32 matches found!
node 10 checked!...36 matches found!
node 11 checked!...31 matches found!
node 12 checked!...31 matches found!
node 13 checked!...36 matches found!
node 14 checked!...31 matches found!
node 15 checked!...33 matches found!
node 16 checked!...34 matches found!
node 17 checked!...37 matches found!
node 18 checked!...37 matches found!
node 19 checked!...32 matches found!
node 20 checked!...34 matches found!
node 21 checked!...38 matches found!
node 22 checked!...37 matches found!
node 23 checked!...40 matches found!
node 24 checked!...35 matches found!
node 25 checked!...35 matches found!
node 26 checked!...33 matches found!
node 27 checked!...34 matches found!
node 28 checked!...41 matches found!
node 29 checked!...35 matches found!
node 30 checked!...39 matches found!

Voting array
--------------
[32 34 37 36 37 32 35 38 32 36 31 31 36 31 33 34 37 37 32 34 38 37 40 35 35
 33 34 41 35 39]

Putative nodes
------------
[ 8 21 28 23 30]

Best matching node from voting array
----------------------------------------
28

Presence of query node in putative nodes
----------------------------------------
Absent


Node 18 -> query image 20

------------------------

99 features detected!

Checking for matches...

node 1 checked!...35 matches found!
node 2 checked!...40 matches found!
node 3 checked!...39 matches found!
node 4 checked!...42 matches found!
node 5 checked!...43 matches found!
node 6 checked!...32 matches found!
node 7 checked!...41 matches found!
node 8 checked!...39 matches found!
node 9 checked!...35 matches found!
node 10 checked!...39 matches found!
node 11 checked!...40 matches found!
node 12 checked!...35 matches found!
node 13 checked!...34 matches found!
node 14 checked!...32 matches found!
node 15 checked!...39 matches found!
node 16 checked!...39 matches found!
node 17 checked!...35 matches found!
node 18 checked!...41 matches found!
node 19 checked!...36 matches found!
node 20 checked!...34 matches found!
node 21 checked!...39 matches found!
node 22 checked!...34 matches found!
node 23 checked!...40 matches found!
node 24 checked!...45 matches found!
node 25 checked!...39 matches found!
node 26 checked!...40 matches found!
node 27 checked!...41 matches found!
node 28 checked!...41 matches found!
node 29 checked!...33 matches found!
node 30 checked!...39 matches found!

Voting array
--------------
[35 40 39 42 43 32 41 39 35 39 40 35 34 32 39 39 35 41 36 34 39 34 40 45 39
 40 41 41 33 39]

Putative nodes
------------
[ 7 27 24  4  5]

Best matching node from voting array
----------------------------------------
24

Presence of query node in putative nodes
----------------------------------------
Absent


Node 18 -> query image 21
------------------------

84 features detected!

Checking for matches...

```
node 1 checked!...37 matches found!
node 2 checked!...33 matches found!
node 3 checked!...34 matches found!
node 4 checked!...37 matches found!
node 5 checked!...38 matches found!
node 6 checked!...31 matches found!
node 7 checked!...30 matches found!
node 8 checked!...38 matches found!
node 9 checked!...30 matches found!
node 10 checked!...38 matches found!
node 11 checked!...37 matches found!
node 12 checked!...31 matches found!
node 13 checked!...34 matches found!
node 14 checked!...31 matches found!
node 15 checked!...32 matches found!
node 16 checked!...36 matches found!
node 17 checked!...34 matches found!
node 18 checked!...44 matches found!
node 19 checked!...36 matches found!
node 20 checked!...34 matches found!
node 21 checked!...38 matches found!
node 22 checked!...33 matches found!
node 23 checked!...41 matches found!
node 24 checked!...39 matches found!
node 25 checked!...37 matches found!
node 26 checked!...37 matches found!
node 27 checked!...37 matches found!
node 28 checked!...36 matches found!
node 29 checked!...37 matches found!
node 30 checked!...36 matches found!

Voting array
--------------
[37 33 34 37 38 31 30 38 30 38 37 31 34 31 32 36 34 44 36 34 38 33 41 39 37
 37 37 36 37 36]

Putative nodes
------------
[ 5 10 24 18 23]

Best matching node from voting array
----------------------------------------
18

Presence of query node in putative nodes
----------------------------------------
Present


Node 18 -> query image 22
------------------------

88 features detected!

Checking for matches...

node 1 checked!...36 matches found!
node 2 checked!...32 matches found!
node 3 checked!...39 matches found!
node 4 checked!...40 matches found!
node 5 checked!...37 matches found!
node 6 checked!...38 matches found!
```

```
node 7 checked!...34 matches found!
node 8 checked!...36 matches found!
node 9 checked!...29 matches found!
node 10 checked!...37 matches found!
node 11 checked!...39 matches found!
node 12 checked!...36 matches found!
node 13 checked!...34 matches found!
node 14 checked!...36 matches found!
node 15 checked!...35 matches found!
node 16 checked!...32 matches found!
node 17 checked!...36 matches found!
node 18 checked!...42 matches found!
node 19 checked!...37 matches found!
node 20 checked!...34 matches found!
node 21 checked!...36 matches found!
node 22 checked!...33 matches found!
node 23 checked!...41 matches found!
node 24 checked!...37 matches found!
node 25 checked!...39 matches found!
node 26 checked!...36 matches found!
node 27 checked!...35 matches found!
node 28 checked!...40 matches found!
node 29 checked!...37 matches found!
node 30 checked!...36 matches found!


Voting array
--------------
[36 32 39 40 37 38 34 36 29 37 39 36 34 36 35 32 36 42 37 34 36 33 41 37 39
 36 35 40 37 36]

Putative nodes
------------
[ 3  4 28 23 18]

Best matching node from voting array
----------------------------------------
18

Presence of query node in putative nodes
----------------------------------------
Present


Node 18 -> query image 23
------------------------

97 features detected!

Checking for matches...

node 1 checked!...37 matches found!
node 2 checked!...37 matches found!
node 3 checked!...33 matches found!
node 4 checked!...46 matches found!
node 5 checked!...38 matches found!
node 6 checked!...38 matches found!
node 7 checked!...38 matches found!
node 8 checked!...38 matches found!
node 9 checked!...32 matches found!
node 10 checked!...41 matches found!
node 11 checked!...36 matches found!
node 12 checked!...36 matches found!
```

```
node 13 checked!...38 matches found!
node 14 checked!...35 matches found!
node 15 checked!...38 matches found!
node 16 checked!...41 matches found!
node 17 checked!...45 matches found!
node 18 checked!...39 matches found!
node 19 checked!...36 matches found!
node 20 checked!...36 matches found!
node 21 checked!...36 matches found!
node 22 checked!...35 matches found!
node 23 checked!...43 matches found!
node 24 checked!...42 matches found!
node 25 checked!...39 matches found!
node 26 checked!...39 matches found!
node 27 checked!...38 matches found!
node 28 checked!...40 matches found!
node 29 checked!...34 matches found!
node 30 checked!...37 matches found!
```

Voting array

[37 37 33 46 38 38 38 38 32 41 36 36 38 35 38 41 45 39 36 36 36 35 43 42 39
 39 38 40 34 37]

Putative nodes

[10 24 17 4 23]

Best matching node from voting array

4

Presence of query node in putative nodes

Absent

Node 18 -> query image 24
----

91 features detected!

Checking for matches...

```
node 1 checked!...30 matches found!
node 2 checked!...34 matches found!
node 3 checked!...34 matches found!
node 4 checked!...38 matches found!
node 5 checked!...37 matches found!
node 6 checked!...33 matches found!
node 7 checked!...35 matches found!
node 8 checked!...40 matches found!
node 9 checked!...31 matches found!
node 10 checked!...37 matches found!
node 11 checked!...29 matches found!
node 12 checked!...33 matches found!
node 13 checked!...37 matches found!
node 14 checked!...31 matches found!
node 15 checked!...31 matches found!
node 16 checked!...36 matches found!
node 17 checked!...36 matches found!
node 18 checked!...34 matches found!
```

```
node 19 checked!...33 matches found!
node 20 checked!...30 matches found!
node 21 checked!...34 matches found!
node 22 checked!...34 matches found!
node 23 checked!...37 matches found!
node 24 checked!...38 matches found!
node 25 checked!...36 matches found!
node 26 checked!...33 matches found!
node 27 checked!...34 matches found!
node 28 checked!...42 matches found!
node 29 checked!...32 matches found!
node 30 checked!...41 matches found!
```

Voting array

```
[30 34 34 38 37 33 35 40 31 37 29 33 37 31 31 36 36 34 33 30 34 34 37 38 36
 33 34 42 32 41]
```

Putative nodes

```
[24  4  8 28 30]
```

Best matching node from voting array

28

Presence of query node in putative nodes

Absent

Node 18 -> query image 25
----

101 features detected!

Checking for matches...

```
node 1 checked!...34 matches found!
node 2 checked!...36 matches found!
node 3 checked!...37 matches found!
node 4 checked!...37 matches found!
node 5 checked!...42 matches found!
node 6 checked!...36 matches found!
node 7 checked!...39 matches found!
node 8 checked!...44 matches found!
node 9 checked!...35 matches found!
node 10 checked!...46 matches found!
node 11 checked!...43 matches found!
node 12 checked!...34 matches found!
node 13 checked!...39 matches found!
node 14 checked!...32 matches found!
node 15 checked!...39 matches found!
node 16 checked!...45 matches found!
node 17 checked!...45 matches found!
node 18 checked!...44 matches found!
node 19 checked!...37 matches found!
node 20 checked!...39 matches found!
node 21 checked!...40 matches found!
node 22 checked!...37 matches found!
node 23 checked!...43 matches found!
node 24 checked!...43 matches found!
```

```
node 25 checked!...38 matches found!
node 26 checked!...48 matches found!
node 27 checked!...39 matches found!
node 28 checked!...42 matches found!
node 29 checked!...41 matches found!
node 30 checked!...41 matches found!

Voting array
--------------
[34 36 37 37 42 36 39 44 35 46 43 34 39 32 39 45 45 44 37 39 40 37 43 43 38
 48 39 42 41 41]

Putative nodes
------------
[ 8 26 16 17 10]

Best matching node from voting array
----------------------------------------
26

Presence of query node in putative nodes
----------------------------------------
Absent


Node 18 -> query image 26
-----------------------

96 features detected!

Checking for matches...

node 1 checked!...38 matches found!
node 2 checked!...30 matches found!
node 3 checked!...37 matches found!
node 4 checked!...44 matches found!
node 5 checked!...42 matches found!
node 6 checked!...37 matches found!
node 7 checked!...35 matches found!
node 8 checked!...40 matches found!
node 9 checked!...35 matches found!
node 10 checked!...37 matches found!
node 11 checked!...39 matches found!
node 12 checked!...36 matches found!
node 13 checked!...38 matches found!
node 14 checked!...35 matches found!
node 15 checked!...33 matches found!
node 16 checked!...36 matches found!
node 17 checked!...38 matches found!
node 18 checked!...46 matches found!
node 19 checked!...39 matches found!
node 20 checked!...37 matches found!
node 21 checked!...34 matches found!
node 22 checked!...34 matches found!
node 23 checked!...43 matches found!
node 24 checked!...38 matches found!
node 25 checked!...41 matches found!
node 26 checked!...38 matches found!
node 27 checked!...38 matches found!
node 28 checked!...40 matches found!
node 29 checked!...41 matches found!
node 30 checked!...39 matches found!
```

Voting array

[38 30 37 44 42 37 35 40 35 37 39 36 38 35 33 36 38 46 39 37 34 34 43 38 41
 38 38 40 41 39]

Putative nodes

[29 5 23 4 18]

Best matching node from voting array

18

Presence of query node in putative nodes

Present

Node 18 -> query image 27
----

90 features detected!

Checking for matches...

node 1 checked!...39 matches found!
node 2 checked!...37 matches found!
node 3 checked!...42 matches found!
node 4 checked!...39 matches found!
node 5 checked!...37 matches found!
node 6 checked!...34 matches found!
node 7 checked!...38 matches found!
node 8 checked!...37 matches found!
node 9 checked!...34 matches found!
node 10 checked!...41 matches found!
node 11 checked!...38 matches found!
node 12 checked!...38 matches found!
node 13 checked!...36 matches found!
node 14 checked!...34 matches found!
node 15 checked!...36 matches found!
node 16 checked!...37 matches found!
node 17 checked!...38 matches found!
node 18 checked!...47 matches found!
node 19 checked!...42 matches found!
node 20 checked!...35 matches found!
node 21 checked!...34 matches found!
node 22 checked!...34 matches found!
node 23 checked!...48 matches found!
node 24 checked!...39 matches found!
node 25 checked!...38 matches found!
node 26 checked!...35 matches found!
node 27 checked!...39 matches found!
node 28 checked!...41 matches found!
node 29 checked!...41 matches found!
node 30 checked!...38 matches found!

Voting array

[39 37 42 39 37 34 38 37 34 41 38 38 36 34 36 37 38 47 42 35 34 34 48 39 38
 35 39 41 41 38]

Putative nodes

[29 19 3 18 23]

Best matching node from voting array

23

Presence of query node in putative nodes

Present

Node 18 -> query image 28
----

95 features detected!

Checking for matches...

node 1 checked!...35 matches found!
node 2 checked!...33 matches found!
node 3 checked!...33 matches found!
node 4 checked!...44 matches found!
node 5 checked!...36 matches found!
node 6 checked!...35 matches found!
node 7 checked!...33 matches found!
node 8 checked!...38 matches found!
node 9 checked!...31 matches found!
node 10 checked!...36 matches found!
node 11 checked!...42 matches found!
node 12 checked!...38 matches found!
node 13 checked!...40 matches found!
node 14 checked!...36 matches found!
node 15 checked!...34 matches found!
node 16 checked!...42 matches found!
node 17 checked!...42 matches found!
node 18 checked!...43 matches found!
node 19 checked!...35 matches found!
node 20 checked!...33 matches found!
node 21 checked!...38 matches found!
node 22 checked!...34 matches found!
node 23 checked!...41 matches found!
node 24 checked!...41 matches found!
node 25 checked!...34 matches found!
node 26 checked!...36 matches found!
node 27 checked!...38 matches found!
node 28 checked!...41 matches found!
node 29 checked!...35 matches found!
node 30 checked!...34 matches found!

Voting array

[35 33 33 44 36 35 33 38 31 36 42 38 40 36 34 42 42 43 35 33 38 34 41 41 34
 36 38 41 35 34]

Putative nodes

[11 17 18 16 4]

Best matching node from voting array

4

Presence of query node in putative nodes

Present

Node 18 -> query image 29
----

89 features detected!

Checking for matches...

node 1 checked!...33 matches found!
node 2 checked!...40 matches found!
node 3 checked!...37 matches found!
node 4 checked!...40 matches found!
node 5 checked!...41 matches found!
node 6 checked!...35 matches found!
node 7 checked!...38 matches found!
node 8 checked!...37 matches found!
node 9 checked!...32 matches found!
node 10 checked!...39 matches found!
node 11 checked!...39 matches found!
node 12 checked!...31 matches found!
node 13 checked!...35 matches found!
node 14 checked!...35 matches found!
node 15 checked!...36 matches found!
node 16 checked!...41 matches found!
node 17 checked!...35 matches found!
node 18 checked!...40 matches found!
node 19 checked!...36 matches found!
node 20 checked!...36 matches found!
node 21 checked!...38 matches found!
node 22 checked!...34 matches found!
node 23 checked!...43 matches found!
node 24 checked!...36 matches found!
node 25 checked!...32 matches found!
node 26 checked!...34 matches found!
node 27 checked!...34 matches found!
node 28 checked!...38 matches found!
node 29 checked!...35 matches found!
node 30 checked!...37 matches found!

Voting array

[33 40 37 40 41 35 38 37 32 39 39 31 35 35 36 41 35 40 36 36 38 34 43 36 32
 34 34 38 35 37]

Putative nodes

[2 4 16 5 23]

Best matching node from voting array

23

Presence of query node in putative nodes

Absent

Node 18 -> query image 30
----

96 features detected!

Checking for matches...

node 1 checked!...38 matches found!
node 2 checked!...33 matches found!
node 3 checked!...39 matches found!
node 4 checked!...43 matches found!
node 5 checked!...42 matches found!
node 6 checked!...35 matches found!
node 7 checked!...37 matches found!
node 8 checked!...40 matches found!
node 9 checked!...35 matches found!
node 10 checked!...34 matches found!
node 11 checked!...40 matches found!
node 12 checked!...36 matches found!
node 13 checked!...38 matches found!
node 14 checked!...36 matches found!
node 15 checked!...36 matches found!
node 16 checked!...36 matches found!
node 17 checked!...38 matches found!
node 18 checked!...45 matches found!
node 19 checked!...41 matches found!
node 20 checked!...33 matches found!
node 21 checked!...36 matches found!
node 22 checked!...35 matches found!
node 23 checked!...45 matches found!
node 24 checked!...40 matches found!
node 25 checked!...40 matches found!
node 26 checked!...39 matches found!
node 27 checked!...37 matches found!
node 28 checked!...41 matches found!
node 29 checked!...39 matches found!
node 30 checked!...38 matches found!

Voting array

[38 33 39 43 42 35 37 40 35 34 40 36 38 36 36 36 38 45 41 33 36 35 45 40 40
 39 37 41 39 38]

Putative nodes

[19 4 5 18 23]

Best matching node from voting array

18

Presence of query node in putative nodes

Present

Node 18 -> query image 31
----

99 features detected!

Checking for matches...

node 1 checked!...42 matches found!
node 2 checked!...37 matches found!
node 3 checked!...42 matches found!
node 4 checked!...40 matches found!
node 5 checked!...38 matches found!
node 6 checked!...35 matches found!
node 7 checked!...37 matches found!
node 8 checked!...38 matches found!
node 9 checked!...38 matches found!
node 10 checked!...41 matches found!
node 11 checked!...36 matches found!
node 12 checked!...38 matches found!
node 13 checked!...43 matches found!
node 14 checked!...37 matches found!
node 15 checked!...38 matches found!
node 16 checked!...42 matches found!
node 17 checked!...40 matches found!
node 18 checked!...49 matches found!
node 19 checked!...39 matches found!
node 20 checked!...37 matches found!
node 21 checked!...36 matches found!
node 22 checked!...34 matches found!
node 23 checked!...46 matches found!
node 24 checked!...39 matches found!
node 25 checked!...37 matches found!
node 26 checked!...40 matches found!
node 27 checked!...46 matches found!
node 28 checked!...44 matches found!
node 29 checked!...40 matches found!
node 30 checked!...40 matches found!

Voting array

[42 37 42 40 38 35 37 38 38 41 36 38 43 37 38 42 40 49 39 37 36 34 46 39 37
 40 46 44 40 40]

Putative nodes

[13 28 27 23 18]

Best matching node from voting array

18

Presence of query node in putative nodes

Present

Node 18 -> query image 32
----

91 features detected!

Checking for matches...

node 1 checked!...37 matches found!
node 2 checked!...41 matches found!
node 3 checked!...33 matches found!
node 4 checked!...37 matches found!

```
node 5 checked!...41 matches found!
node 6 checked!...32 matches found!
node 7 checked!...39 matches found!
node 8 checked!...35 matches found!
node 9 checked!...29 matches found!
node 10 checked!...37 matches found!
node 11 checked!...37 matches found!
node 12 checked!...34 matches found!
node 13 checked!...37 matches found!
node 14 checked!...39 matches found!
node 15 checked!...31 matches found!
node 16 checked!...35 matches found!
node 17 checked!...40 matches found!
node 18 checked!...34 matches found!
node 19 checked!...37 matches found!
node 20 checked!...35 matches found!
node 21 checked!...39 matches found!
node 22 checked!...34 matches found!
node 23 checked!...37 matches found!
node 24 checked!...37 matches found!
node 25 checked!...34 matches found!
node 26 checked!...41 matches found!
node 27 checked!...37 matches found!
node 28 checked!...41 matches found!
node 29 checked!...29 matches found!
node 30 checked!...36 matches found!


Voting array
--------------
[37 41 33 37 41 32 39 35 29 37 37 34 37 39 31 35 40 34 37 35 39 34 37 37 34
 41 37 41 29 36]

Putative nodes
------------
[17 28 26  5  2]

Best matching node from voting array
----------------------------------------
2

Presence of query node in putative nodes
----------------------------------------
Absent


Node 18 -> query image 33
------------------------

87 features detected!

Checking for matches...

node 1 checked!...32 matches found!
node 2 checked!...38 matches found!
node 3 checked!...36 matches found!
node 4 checked!...38 matches found!
node 5 checked!...42 matches found!
node 6 checked!...33 matches found!
node 7 checked!...37 matches found!
node 8 checked!...36 matches found!
node 9 checked!...31 matches found!
node 10 checked!...37 matches found!
```

```
node 11 checked!...36 matches found!
node 12 checked!...32 matches found!
node 13 checked!...35 matches found!
node 14 checked!...33 matches found!
node 15 checked!...37 matches found!
node 16 checked!...40 matches found!
node 17 checked!...33 matches found!
node 18 checked!...37 matches found!
node 19 checked!...37 matches found!
node 20 checked!...34 matches found!
node 21 checked!...38 matches found!
node 22 checked!...33 matches found!
node 23 checked!...39 matches found!
node 24 checked!...36 matches found!
node 25 checked!...32 matches found!
node 26 checked!...34 matches found!
node 27 checked!...33 matches found!
node 28 checked!...37 matches found!
node 29 checked!...34 matches found!
node 30 checked!...39 matches found!
```

Voting array

[32 38 36 38 42 33 37 36 31 37 36 32 35 33 37 40 33 37 37 34 38 33 39 36 32
 34 33 37 34 39]

Putative nodes

[21 23 30 16 5]

Best matching node from voting array

5

Presence of query node in putative nodes

Absent

Node 18 -> query image 34
----

38 features detected!

Checking for matches...

```
node 1 checked!...20 matches found!
node 2 checked!...18 matches found!
node 3 checked!...22 matches found!
node 4 checked!...22 matches found!
node 5 checked!...24 matches found!
node 6 checked!...18 matches found!
node 7 checked!...21 matches found!
node 8 checked!...21 matches found!
node 9 checked!...19 matches found!
node 10 checked!...22 matches found!
node 11 checked!...23 matches found!
node 12 checked!...22 matches found!
node 13 checked!...24 matches found!
node 14 checked!...21 matches found!
node 15 checked!...21 matches found!
node 16 checked!...20 matches found!
```

```
node 17 checked!...20 matches found!
node 18 checked!...19 matches found!
node 19 checked!...20 matches found!
node 20 checked!...20 matches found!
node 21 checked!...22 matches found!
node 22 checked!...16 matches found!
node 23 checked!...19 matches found!
node 24 checked!...19 matches found!
node 25 checked!...22 matches found!
node 26 checked!...23 matches found!
node 27 checked!...21 matches found!
node 28 checked!...22 matches found!
node 29 checked!...17 matches found!
node 30 checked!...23 matches found!


Voting array
--------------
[20 18 22 22 24 18 21 21 19 22 23 22 24 21 21 20 20 19 20 20 22 16 19 19 22
 23 21 22 17 23]

Putative nodes
------------
[30 11 26 13  5]

Best matching node from voting array
----------------------------------------
5

Presence of query node in putative nodes
----------------------------------------
Absent


Node 18 -> query image 35
-----------------------

0 features detected!

Checking for matches...

node 1 checked!...0 matches found!
node 2 checked!...0 matches found!
node 3 checked!...0 matches found!
node 4 checked!...0 matches found!
node 5 checked!...0 matches found!
node 6 checked!...0 matches found!
node 7 checked!...0 matches found!
node 8 checked!...0 matches found!
node 9 checked!...0 matches found!
node 10 checked!...0 matches found!
node 11 checked!...0 matches found!
node 12 checked!...0 matches found!
node 13 checked!...0 matches found!
node 14 checked!...0 matches found!
node 15 checked!...0 matches found!
node 16 checked!...0 matches found!
node 17 checked!...0 matches found!
node 18 checked!...0 matches found!
node 19 checked!...0 matches found!
node 20 checked!...0 matches found!
node 21 checked!...0 matches found!
node 22 checked!...0 matches found!
```

```
node 23 checked!...0 matches found!
node 24 checked!...0 matches found!
node 25 checked!...0 matches found!
node 26 checked!...0 matches found!
node 27 checked!...0 matches found!
node 28 checked!...0 matches found!
node 29 checked!...0 matches found!
node 30 checked!...0 matches found!
```

Voting array

[0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0]

Unable to predict a matching node and putative nodes!

Node 18 -> query image 36
----

5 features detected!

Checking for matches...

```
node 1 checked!...4 matches found!
node 2 checked!...4 matches found!
node 3 checked!...4 matches found!
node 4 checked!...4 matches found!
node 5 checked!...4 matches found!
node 6 checked!...4 matches found!
node 7 checked!...4 matches found!
node 8 checked!...4 matches found!
node 9 checked!...4 matches found!
node 10 checked!...4 matches found!
node 11 checked!...4 matches found!
node 12 checked!...4 matches found!
node 13 checked!...4 matches found!
node 14 checked!...4 matches found!
node 15 checked!...4 matches found!
node 16 checked!...4 matches found!
node 17 checked!...4 matches found!
node 18 checked!...4 matches found!
node 19 checked!...4 matches found!
node 20 checked!...4 matches found!
node 21 checked!...4 matches found!
node 22 checked!...4 matches found!
node 23 checked!...4 matches found!
node 24 checked!...4 matches found!
node 25 checked!...4 matches found!
node 26 checked!...4 matches found!
node 27 checked!...4 matches found!
node 28 checked!...4 matches found!
node 29 checked!...4 matches found!
node 30 checked!...4 matches found!
```

Voting array

[4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4]

Putative nodes

[11 14 12 10 30]

Best matching node from voting array

```
----------------------------------------
1

Presence of query node in putative nodes
----------------------------------------
Absent


Node 18 -> query image 37
------------------------

69 features detected!

Checking for matches...

node 1 checked!...34 matches found!
node 2 checked!...30 matches found!
node 3 checked!...30 matches found!
node 4 checked!...29 matches found!
node 5 checked!...32 matches found!
node 6 checked!...26 matches found!
node 7 checked!...26 matches found!
node 8 checked!...29 matches found!
node 9 checked!...26 matches found!
node 10 checked!...34 matches found!
node 11 checked!...29 matches found!
node 12 checked!...33 matches found!
node 13 checked!...35 matches found!
node 14 checked!...34 matches found!
node 15 checked!...29 matches found!
node 16 checked!...33 matches found!
node 17 checked!...29 matches found!
node 18 checked!...30 matches found!
node 19 checked!...26 matches found!
node 20 checked!...26 matches found!
node 21 checked!...34 matches found!
node 22 checked!...28 matches found!
node 23 checked!...34 matches found!
node 24 checked!...31 matches found!
node 25 checked!...30 matches found!
node 26 checked!...30 matches found!
node 27 checked!...31 matches found!
node 28 checked!...29 matches found!
node 29 checked!...28 matches found!
node 30 checked!...31 matches found!

Voting array
--------------
[34 30 30 29 32 26 26 29 26 34 29 33 35 34 29 33 29 30 26 26 34 28 34 31 30
 30 31 29 28 31]

Putative nodes
------------
[10 21 23 14 13]

Best matching node from voting array
----------------------------------------
13

Presence of query node in putative nodes
----------------------------------------
Absent
```

Node 18 -> query image 38
----

54 features detected!

Checking for matches...

node 1 checked!...20 matches found!
node 2 checked!...22 matches found!
node 3 checked!...22 matches found!
node 4 checked!...22 matches found!
node 5 checked!...17 matches found!
node 6 checked!...20 matches found!
node 7 checked!...20 matches found!
node 8 checked!...21 matches found!
node 9 checked!...21 matches found!
node 10 checked!...21 matches found!
node 11 checked!...22 matches found!
node 12 checked!...22 matches found!
node 13 checked!...24 matches found!
node 14 checked!...20 matches found!
node 15 checked!...22 matches found!
node 16 checked!...20 matches found!
node 17 checked!...23 matches found!
node 18 checked!...22 matches found!
node 19 checked!...20 matches found!
node 20 checked!...22 matches found!
node 21 checked!...24 matches found!
node 22 checked!...20 matches found!
node 23 checked!...21 matches found!
node 24 checked!...25 matches found!
node 25 checked!...25 matches found!
node 26 checked!...19 matches found!
node 27 checked!...22 matches found!
node 28 checked!...23 matches found!
node 29 checked!...21 matches found!
node 30 checked!...24 matches found!

Voting array

[20 22 22 22 17 20 20 21 21 21 22 22 24 20 22 20 23 22 20 22 24 20 21 25 25
 19 22 23 21 24]

Putative nodes

[30 25 13 21 24]

Best matching node from voting array

24

Presence of query node in putative nodes

Absent

Node 18 -> query image 39
----

4 features detected!

Checking for matches...

node 1 checked!...4 matches found!
node 2 checked!...4 matches found!
node 3 checked!...4 matches found!
node 4 checked!...4 matches found!
node 5 checked!...4 matches found!
node 6 checked!...4 matches found!
node 7 checked!...4 matches found!
node 8 checked!...4 matches found!
node 9 checked!...4 matches found!
node 10 checked!...4 matches found!
node 11 checked!...4 matches found!
node 12 checked!...4 matches found!
node 13 checked!...4 matches found!
node 14 checked!...4 matches found!
node 15 checked!...4 matches found!
node 16 checked!...4 matches found!
node 17 checked!...4 matches found!
node 18 checked!...4 matches found!
node 19 checked!...4 matches found!
node 20 checked!...4 matches found!
node 21 checked!...4 matches found!
node 22 checked!...4 matches found!
node 23 checked!...4 matches found!
node 24 checked!...4 matches found!
node 25 checked!...4 matches found!
node 26 checked!...4 matches found!
node 27 checked!...4 matches found!
node 28 checked!...4 matches found!
node 29 checked!...4 matches found!
node 30 checked!...4 matches found!

Voting array

[4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4]

Putative nodes

[11 14 12 10 30]

Best matching node from voting array

1

Presence of query node in putative nodes

Absent

Node 18 -> query image 40
----

78 features detected!

Checking for matches...

node 1 checked!...30 matches found!
node 2 checked!...28 matches found!
node 3 checked!...29 matches found!
node 4 checked!...36 matches found!

```
node 5 checked!...29 matches found!
node 6 checked!...28 matches found!
node 7 checked!...23 matches found!
node 8 checked!...33 matches found!
node 9 checked!...25 matches found!
node 10 checked!...32 matches found!
node 11 checked!...35 matches found!
node 12 checked!...28 matches found!
node 13 checked!...28 matches found!
node 14 checked!...26 matches found!
node 15 checked!...30 matches found!
node 16 checked!...33 matches found!
node 17 checked!...33 matches found!
node 18 checked!...29 matches found!
node 19 checked!...29 matches found!
node 20 checked!...33 matches found!
node 21 checked!...41 matches found!
node 22 checked!...31 matches found!
node 23 checked!...33 matches found!
node 24 checked!...32 matches found!
node 25 checked!...30 matches found!
node 26 checked!...32 matches found!
node 27 checked!...31 matches found!
node 28 checked!...36 matches found!
node 29 checked!...34 matches found!
node 30 checked!...29 matches found!


Voting array
--------------
[30 28 29 36 29 28 23 33 25 32 35 28 28 26 30 33 33 29 29 33 41 31 33 32 30
 32 31 36 34 29]

Putative nodes
------------
[29 11  4 28 21]

Best matching node from voting array
----------------------------------------
21

Presence of query node in putative nodes
----------------------------------------
Absent


 Node 18 testing completed!


Node 19 -> query image 1
------------------------

9 features detected!

Checking for matches...

node 1 checked!...5 matches found!
node 2 checked!...5 matches found!
node 3 checked!...5 matches found!
node 4 checked!...5 matches found!
node 5 checked!...5 matches found!
node 6 checked!...5 matches found!
node 7 checked!...4 matches found!
```

```
node 8 checked!...5 matches found!
node 9 checked!...5 matches found!
node 10 checked!...5 matches found!
node 11 checked!...5 matches found!
node 12 checked!...5 matches found!
node 13 checked!...5 matches found!
node 14 checked!...5 matches found!
node 15 checked!...5 matches found!
node 16 checked!...5 matches found!
node 17 checked!...4 matches found!
node 18 checked!...4 matches found!
node 19 checked!...4 matches found!
node 20 checked!...4 matches found!
node 21 checked!...5 matches found!
node 22 checked!...4 matches found!
node 23 checked!...4 matches found!
node 24 checked!...5 matches found!
node 25 checked!...4 matches found!
node 26 checked!...4 matches found!
node 27 checked!...5 matches found!
node 28 checked!...5 matches found!
node 29 checked!...5 matches found!
node 30 checked!...5 matches found!
```

Voting array

[5 5 5 5 5 5 4 5 5 5 5 5 5 5 5 5 4 4 4 4 5 4 4 5 4 4 5 5 5 5]

Putative nodes

[12 2 13 11 30]

Best matching node from voting array

1

Presence of query node in putative nodes

Absent

Node 19 -> query image 2
----

70 features detected!

Checking for matches...

```
node 1 checked!...24 matches found!
node 2 checked!...29 matches found!
node 3 checked!...28 matches found!
node 4 checked!...35 matches found!
node 5 checked!...31 matches found!
node 6 checked!...29 matches found!
node 7 checked!...24 matches found!
node 8 checked!...31 matches found!
node 9 checked!...22 matches found!
node 10 checked!...31 matches found!
node 11 checked!...31 matches found!
node 12 checked!...28 matches found!
node 13 checked!...30 matches found!
node 14 checked!...33 matches found!
```

```
node 15 checked!...30 matches found!
node 16 checked!...32 matches found!
node 17 checked!...35 matches found!
node 18 checked!...27 matches found!
node 19 checked!...31 matches found!
node 20 checked!...28 matches found!
node 21 checked!...32 matches found!
node 22 checked!...26 matches found!
node 23 checked!...30 matches found!
node 24 checked!...26 matches found!
node 25 checked!...31 matches found!
node 26 checked!...31 matches found!
node 27 checked!...29 matches found!
node 28 checked!...33 matches found!
node 29 checked!...29 matches found!
node 30 checked!...26 matches found!


Voting array
--------------
[24 29 28 35 31 29 24 31 22 31 31 28 30 33 30 32 35 27 31 28 32 26 30 26 31
 31 29 33 29 26]

Putative nodes
------------
[21 14 28 17  4]

Best matching node from voting array
----------------------------------------
4

Presence of query node in putative nodes
----------------------------------------
Absent


Node 19 -> query image 3
------------------------

7 features detected!

Checking for matches...

node 1 checked!...7 matches found!
node 2 checked!...7 matches found!
node 3 checked!...7 matches found!
node 4 checked!...7 matches found!
node 5 checked!...7 matches found!
node 6 checked!...7 matches found!
node 7 checked!...6 matches found!
node 8 checked!...7 matches found!
node 9 checked!...7 matches found!
node 10 checked!...7 matches found!
node 11 checked!...7 matches found!
node 12 checked!...7 matches found!
node 13 checked!...7 matches found!
node 14 checked!...7 matches found!
node 15 checked!...7 matches found!
node 16 checked!...7 matches found!
node 17 checked!...7 matches found!
node 18 checked!...7 matches found!
node 19 checked!...7 matches found!
node 20 checked!...7 matches found!
```

```
node 21 checked!...7 matches found!
node 22 checked!...6 matches found!
node 23 checked!...7 matches found!
node 24 checked!...7 matches found!
node 25 checked!...7 matches found!
node 26 checked!...7 matches found!
node 27 checked!...7 matches found!
node 28 checked!...7 matches found!
node 29 checked!...7 matches found!
node 30 checked!...7 matches found!

Voting array
--------------
[7 7 7 7 7 7 6 7 7 7 7 7 7 7 7 7 7 7 7 7 7 6 7 7 7 7 7 7 7 7]

Putative nodes
------------
[12  2 13 11 30]

Best matching node from voting array
----------------------------------------
1

Presence of query node in putative nodes
----------------------------------------
Absent


Node 19 -> query image 4
------------------------

56 features detected!

Checking for matches...

node 1 checked!...27 matches found!
node 2 checked!...32 matches found!
node 3 checked!...32 matches found!
node 4 checked!...29 matches found!
node 5 checked!...32 matches found!
node 6 checked!...25 matches found!
node 7 checked!...28 matches found!
node 8 checked!...29 matches found!
node 9 checked!...24 matches found!
node 10 checked!...26 matches found!
node 11 checked!...25 matches found!
node 12 checked!...30 matches found!
node 13 checked!...31 matches found!
node 14 checked!...24 matches found!
node 15 checked!...28 matches found!
node 16 checked!...28 matches found!
node 17 checked!...30 matches found!
node 18 checked!...26 matches found!
node 19 checked!...22 matches found!
node 20 checked!...28 matches found!
node 21 checked!...29 matches found!
node 22 checked!...26 matches found!
node 23 checked!...28 matches found!
node 24 checked!...30 matches found!
node 25 checked!...30 matches found!
node 26 checked!...22 matches found!
node 27 checked!...27 matches found!
```

```
node 28 checked!...30 matches found!
node 29 checked!...28 matches found!
node 30 checked!...32 matches found!

Voting array
--------------
[27 32 32 29 32 25 28 29 24 26 25 30 31 24 28 28 30 26 22 28 29 26 28 30 30
 22 27 30 28 32]

Putative nodes
------------
[13  3  2  5 30]

Best matching node from voting array
----------------------------------------
2

Presence of query node in putative nodes
----------------------------------------
Absent


Node 19 -> query image 5
------------------------

85 features detected!

Checking for matches...

node 1 checked!...27 matches found!
node 2 checked!...27 matches found!
node 3 checked!...28 matches found!
node 4 checked!...34 matches found!
node 5 checked!...34 matches found!
node 6 checked!...32 matches found!
node 7 checked!...36 matches found!
node 8 checked!...32 matches found!
node 9 checked!...30 matches found!
node 10 checked!...27 matches found!
node 11 checked!...30 matches found!
node 12 checked!...30 matches found!
node 13 checked!...34 matches found!
node 14 checked!...32 matches found!
node 15 checked!...26 matches found!
node 16 checked!...31 matches found!
node 17 checked!...33 matches found!
node 18 checked!...29 matches found!
node 19 checked!...33 matches found!
node 20 checked!...32 matches found!
node 21 checked!...33 matches found!
node 22 checked!...29 matches found!
node 23 checked!...37 matches found!
node 24 checked!...38 matches found!
node 25 checked!...32 matches found!
node 26 checked!...34 matches found!
node 27 checked!...30 matches found!
node 28 checked!...31 matches found!
node 29 checked!...31 matches found!
node 30 checked!...30 matches found!

Voting array
--------------
```

```
[27 27 28 34 34 32 36 32 30 27 30 30 34 32 26 31 33 29 33 32 33 29 37 38 32
 34 30 31 31 30]
```

Putative nodes

```
[26 23 24  7  5]
```

Best matching node from voting array

24

Presence of query node in putative nodes

Absent

Node 19 -> query image 6
----

0 features detected!

Checking for matches...

node 1 checked!...0 matches found!
node 2 checked!...0 matches found!
node 3 checked!...0 matches found!
node 4 checked!...0 matches found!
node 5 checked!...0 matches found!
node 6 checked!...0 matches found!
node 7 checked!...0 matches found!
node 8 checked!...0 matches found!
node 9 checked!...0 matches found!
node 10 checked!...0 matches found!
node 11 checked!...0 matches found!
node 12 checked!...0 matches found!
node 13 checked!...0 matches found!
node 14 checked!...0 matches found!
node 15 checked!...0 matches found!
node 16 checked!...0 matches found!
node 17 checked!...0 matches found!
node 18 checked!...0 matches found!
node 19 checked!...0 matches found!
node 20 checked!...0 matches found!
node 21 checked!...0 matches found!
node 22 checked!...0 matches found!
node 23 checked!...0 matches found!
node 24 checked!...0 matches found!
node 25 checked!...0 matches found!
node 26 checked!...0 matches found!
node 27 checked!...0 matches found!
node 28 checked!...0 matches found!
node 29 checked!...0 matches found!
node 30 checked!...0 matches found!

Voting array

```
[0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0]
```

Unable to predict a matching node and putative nodes!

Node 19 -> query image 7
----

92 features detected!

Checking for matches...

node 1 checked!...36 matches found!
node 2 checked!...32 matches found!
node 3 checked!...38 matches found!
node 4 checked!...38 matches found!
node 5 checked!...38 matches found!
node 6 checked!...32 matches found!
node 7 checked!...31 matches found!
node 8 checked!...40 matches found!
node 9 checked!...34 matches found!
node 10 checked!...37 matches found!
node 11 checked!...33 matches found!
node 12 checked!...32 matches found!
node 13 checked!...35 matches found!
node 14 checked!...32 matches found!
node 15 checked!...33 matches found!
node 16 checked!...33 matches found!
node 17 checked!...39 matches found!
node 18 checked!...33 matches found!
node 19 checked!...34 matches found!
node 20 checked!...32 matches found!
node 21 checked!...38 matches found!
node 22 checked!...27 matches found!
node 23 checked!...39 matches found!
node 24 checked!...42 matches found!
node 25 checked!...36 matches found!
node 26 checked!...36 matches found!
node 27 checked!...39 matches found!
node 28 checked!...39 matches found!
node 29 checked!...39 matches found!
node 30 checked!...35 matches found!

Voting array

[36 32 38 38 38 32 31 40 34 37 33 32 35 32 33 33 39 33 34 32 38 27 39 42 36
 36 39 39 39 35]

Putative nodes

[17 23 27 8 24]

Best matching node from voting array

24

Presence of query node in putative nodes

Absent

Node 19 -> query image 8
----

90 features detected!

Checking for matches...

node 1 checked!...30 matches found!

```
node 2 checked!...31 matches found!
node 3 checked!...37 matches found!
node 4 checked!...37 matches found!
node 5 checked!...38 matches found!
node 6 checked!...33 matches found!
node 7 checked!...34 matches found!
node 8 checked!...42 matches found!
node 9 checked!...33 matches found!
node 10 checked!...33 matches found!
node 11 checked!...29 matches found!
node 12 checked!...34 matches found!
node 13 checked!...37 matches found!
node 14 checked!...34 matches found!
node 15 checked!...28 matches found!
node 16 checked!...32 matches found!
node 17 checked!...38 matches found!
node 18 checked!...39 matches found!
node 19 checked!...38 matches found!
node 20 checked!...34 matches found!
node 21 checked!...39 matches found!
node 22 checked!...32 matches found!
node 23 checked!...40 matches found!
node 24 checked!...40 matches found!
node 25 checked!...41 matches found!
node 26 checked!...36 matches found!
node 27 checked!...33 matches found!
node 28 checked!...43 matches found!
node 29 checked!...31 matches found!
node 30 checked!...35 matches found!

Voting array
--------------
[30 31 37 37 38 33 34 42 33 33 29 34 37 34 28 32 38 39 38 34 39 32 40 40 41
 36 33 43 31 35]

Putative nodes
------------
[23 25 28  8 24]

Best matching node from voting array
----------------------------------------
28

Presence of query node in putative nodes
----------------------------------------
Absent


Node 19 -> query image 9
------------------------

80 features detected!

Checking for matches...

node 1 checked!...33 matches found!
node 2 checked!...33 matches found!
node 3 checked!...28 matches found!
node 4 checked!...38 matches found!
node 5 checked!...36 matches found!
node 6 checked!...34 matches found!
node 7 checked!...31 matches found!
```

```
node 8 checked!...34 matches found!
node 9 checked!...33 matches found!
node 10 checked!...29 matches found!
node 11 checked!...34 matches found!
node 12 checked!...31 matches found!
node 13 checked!...30 matches found!
node 14 checked!...32 matches found!
node 15 checked!...30 matches found!
node 16 checked!...34 matches found!
node 17 checked!...34 matches found!
node 18 checked!...34 matches found!
node 19 checked!...28 matches found!
node 20 checked!...30 matches found!
node 21 checked!...32 matches found!
node 22 checked!...32 matches found!
node 23 checked!...37 matches found!
node 24 checked!...33 matches found!
node 25 checked!...31 matches found!
node 26 checked!...33 matches found!
node 27 checked!...38 matches found!
node 28 checked!...33 matches found!
node 29 checked!...33 matches found!
node 30 checked!...30 matches found!


Voting array
--------------
[33 33 28 38 36 34 31 34 33 29 34 31 30 32 30 34 34 34 28 30 32 32 37 33 31
 33 38 33 33 30]

Putative nodes
------------
[11  5 27 23  4]

Best matching node from voting array
----------------------------------------
4

Presence of query node in putative nodes
----------------------------------------
Absent


Node 19 -> query image 10
------------------------

91 features detected!

Checking for matches...

node 1 checked!...30 matches found!
node 2 checked!...28 matches found!
node 3 checked!...31 matches found!
node 4 checked!...41 matches found!
node 5 checked!...34 matches found!
node 6 checked!...31 matches found!
node 7 checked!...34 matches found!
node 8 checked!...37 matches found!
node 9 checked!...32 matches found!
node 10 checked!...33 matches found!
node 11 checked!...36 matches found!
node 12 checked!...35 matches found!
node 13 checked!...34 matches found!
```

```
node 14 checked!...33 matches found!
node 15 checked!...34 matches found!
node 16 checked!...36 matches found!
node 17 checked!...38 matches found!
node 18 checked!...31 matches found!
node 19 checked!...33 matches found!
node 20 checked!...32 matches found!
node 21 checked!...34 matches found!
node 22 checked!...32 matches found!
node 23 checked!...39 matches found!
node 24 checked!...37 matches found!
node 25 checked!...33 matches found!
node 26 checked!...38 matches found!
node 27 checked!...34 matches found!
node 28 checked!...34 matches found!
node 29 checked!...35 matches found!
node 30 checked!...36 matches found!
```

Voting array

[30 28 31 41 34 31 34 37 32 33 36 35 34 33 34 36 38 31 33 32 34 32 39 37 33
 38 34 34 35 36]

Putative nodes

[8 17 4 26 23]

Best matching node from voting array

4

Presence of query node in putative nodes

Absent

Node 19 -> query image 11
----

77 features detected!

Checking for matches...

```
node 1 checked!...31 matches found!
node 2 checked!...28 matches found!
node 3 checked!...28 matches found!
node 4 checked!...32 matches found!
node 5 checked!...31 matches found!
node 6 checked!...28 matches found!
node 7 checked!...24 matches found!
node 8 checked!...29 matches found!
node 9 checked!...28 matches found!
node 10 checked!...29 matches found!
node 11 checked!...34 matches found!
node 12 checked!...26 matches found!
node 13 checked!...29 matches found!
node 14 checked!...29 matches found!
node 15 checked!...24 matches found!
node 16 checked!...31 matches found!
node 17 checked!...32 matches found!
node 18 checked!...30 matches found!
node 19 checked!...30 matches found!
```

```
node 20 checked!...32 matches found!
node 21 checked!...35 matches found!
node 22 checked!...28 matches found!
node 23 checked!...30 matches found!
node 24 checked!...34 matches found!
node 25 checked!...36 matches found!
node 26 checked!...36 matches found!
node 27 checked!...29 matches found!
node 28 checked!...32 matches found!
node 29 checked!...29 matches found!
node 30 checked!...31 matches found!


Voting array
--------------
[31 28 28 32 31 28 24 29 28 29 34 26 29 29 24 31 32 30 30 32 35 28 30 34 36
 36 29 32 29 31]

Putative nodes
------------
[11 24 26 21 25]

Best matching node from voting array
----------------------------------------
25

Presence of query node in putative nodes
----------------------------------------
Absent


Node 19 -> query image 12
------------------------

81 features detected!

Checking for matches...

node 1 checked!...36 matches found!
node 2 checked!...36 matches found!
node 3 checked!...37 matches found!
node 4 checked!...39 matches found!
node 5 checked!...33 matches found!
node 6 checked!...33 matches found!
node 7 checked!...32 matches found!
node 8 checked!...41 matches found!
node 9 checked!...33 matches found!
node 10 checked!...36 matches found!
node 11 checked!...34 matches found!
node 12 checked!...35 matches found!
node 13 checked!...39 matches found!
node 14 checked!...35 matches found!
node 15 checked!...32 matches found!
node 16 checked!...35 matches found!
node 17 checked!...40 matches found!
node 18 checked!...38 matches found!
node 19 checked!...35 matches found!
node 20 checked!...34 matches found!
node 21 checked!...36 matches found!
node 22 checked!...29 matches found!
node 23 checked!...39 matches found!
node 24 checked!...35 matches found!
node 25 checked!...39 matches found!
```

```
node 26 checked!...35 matches found!
node 27 checked!...37 matches found!
node 28 checked!...36 matches found!
node 29 checked!...34 matches found!
node 30 checked!...37 matches found!

Voting array
--------------
[36 36 37 39 33 33 32 41 33 36 34 35 39 35 32 35 40 38 35 34 36 29 39 35 39
 35 37 36 34 37]

Putative nodes
------------
[13 23 25  8 17]

Best matching node from voting array
----------------------------------------
8

Presence of query node in putative nodes
----------------------------------------
Absent


Node 19 -> query image 13
------------------------

93 features detected!

Checking for matches...

node 1 checked!...35 matches found!
node 2 checked!...36 matches found!
node 3 checked!...38 matches found!
node 4 checked!...38 matches found!
node 5 checked!...38 matches found!
node 6 checked!...33 matches found!
node 7 checked!...35 matches found!
node 8 checked!...44 matches found!
node 9 checked!...33 matches found!
node 10 checked!...36 matches found!
node 11 checked!...36 matches found!
node 12 checked!...33 matches found!
node 13 checked!...36 matches found!
node 14 checked!...35 matches found!
node 15 checked!...34 matches found!
node 16 checked!...37 matches found!
node 17 checked!...36 matches found!
node 18 checked!...34 matches found!
node 19 checked!...39 matches found!
node 20 checked!...31 matches found!
node 21 checked!...42 matches found!
node 22 checked!...32 matches found!
node 23 checked!...39 matches found!
node 24 checked!...38 matches found!
node 25 checked!...38 matches found!
node 26 checked!...37 matches found!
node 27 checked!...37 matches found!
node 28 checked!...41 matches found!
node 29 checked!...29 matches found!
node 30 checked!...34 matches found!
```

Voting array

[35 36 38 38 38 33 35 44 33 36 36 33 36 35 34 37 36 34 39 31 42 32 39 38 38
 37 37 41 29 34]

Putative nodes

[19 23 28 21 8]

Best matching node from voting array

8

Presence of query node in putative nodes

Present

Node 19 -> query image 14
----

68 features detected!

Checking for matches...

node 1 checked!...32 matches found!
node 2 checked!...31 matches found!
node 3 checked!...34 matches found!
node 4 checked!...38 matches found!
node 5 checked!...30 matches found!
node 6 checked!...33 matches found!
node 7 checked!...29 matches found!
node 8 checked!...32 matches found!
node 9 checked!...30 matches found!
node 10 checked!...33 matches found!
node 11 checked!...29 matches found!
node 12 checked!...34 matches found!
node 13 checked!...28 matches found!
node 14 checked!...34 matches found!
node 15 checked!...30 matches found!
node 16 checked!...28 matches found!
node 17 checked!...33 matches found!
node 18 checked!...31 matches found!
node 19 checked!...29 matches found!
node 20 checked!...27 matches found!
node 21 checked!...28 matches found!
node 22 checked!...33 matches found!
node 23 checked!...35 matches found!
node 24 checked!...32 matches found!
node 25 checked!...26 matches found!
node 26 checked!...32 matches found!
node 27 checked!...28 matches found!
node 28 checked!...38 matches found!
node 29 checked!...28 matches found!
node 30 checked!...30 matches found!

Voting array

[32 31 34 38 30 33 29 32 30 33 29 34 28 34 30 28 33 31 29 27 28 33 35 32 26
 32 28 38 28 30]

Putative nodes

[12 4 28 14 23]

Best matching node from voting array

4

Presence of query node in putative nodes

Absent

Node 19 -> query image 15
----

89 features detected!

Checking for matches...

node 1 checked!...31 matches found!
node 2 checked!...36 matches found!
node 3 checked!...31 matches found!
node 4 checked!...37 matches found!
node 5 checked!...34 matches found!
node 6 checked!...30 matches found!
node 7 checked!...35 matches found!
node 8 checked!...36 matches found!
node 9 checked!...31 matches found!
node 10 checked!...37 matches found!
node 11 checked!...31 matches found!
node 12 checked!...33 matches found!
node 13 checked!...37 matches found!
node 14 checked!...32 matches found!
node 15 checked!...35 matches found!
node 16 checked!...34 matches found!
node 17 checked!...37 matches found!
node 18 checked!...36 matches found!
node 19 checked!...35 matches found!
node 20 checked!...31 matches found!
node 21 checked!...35 matches found!
node 22 checked!...36 matches found!
node 23 checked!...37 matches found!
node 24 checked!...39 matches found!
node 25 checked!...39 matches found!
node 26 checked!...39 matches found!
node 27 checked!...38 matches found!
node 28 checked!...41 matches found!
node 29 checked!...32 matches found!
node 30 checked!...36 matches found!

Voting array

[31 36 31 37 34 30 35 36 31 37 31 33 37 32 35 34 37 36 35 31 35 36 37 39 39
 39 38 41 32 36]

Putative nodes

[27 25 28 26 24]

Best matching node from voting array

28

Presence of query node in putative nodes

Absent

Node 19 -> query image 16
----

81 features detected!

Checking for matches...

node 1 checked!...39 matches found!
node 2 checked!...32 matches found!
node 3 checked!...36 matches found!
node 4 checked!...39 matches found!
node 5 checked!...36 matches found!
node 6 checked!...33 matches found!
node 7 checked!...26 matches found!
node 8 checked!...32 matches found!
node 9 checked!...33 matches found!
node 10 checked!...35 matches found!
node 11 checked!...36 matches found!
node 12 checked!...30 matches found!
node 13 checked!...33 matches found!
node 14 checked!...35 matches found!
node 15 checked!...36 matches found!
node 16 checked!...35 matches found!
node 17 checked!...39 matches found!
node 18 checked!...32 matches found!
node 19 checked!...35 matches found!
node 20 checked!...33 matches found!
node 21 checked!...42 matches found!
node 22 checked!...30 matches found!
node 23 checked!...40 matches found!
node 24 checked!...35 matches found!
node 25 checked!...35 matches found!
node 26 checked!...39 matches found!
node 27 checked!...35 matches found!
node 28 checked!...40 matches found!
node 29 checked!...36 matches found!
node 30 checked!...34 matches found!

Voting array

[39 32 36 39 36 33 26 32 33 35 36 30 33 35 36 35 39 32 35 33 42 30 40 35 35
 39 35 40 36 34]

Putative nodes

[26 17 28 23 21]

Best matching node from voting array

21

Presence of query node in putative nodes

Absent

Node 19 -> query image 17
----

78 features detected!

Checking for matches...

node 1 checked!...27 matches found!
node 2 checked!...31 matches found!
node 3 checked!...36 matches found!
node 4 checked!...36 matches found!
node 5 checked!...38 matches found!
node 6 checked!...31 matches found!
node 7 checked!...33 matches found!
node 8 checked!...37 matches found!
node 9 checked!...36 matches found!
node 10 checked!...33 matches found!
node 11 checked!...32 matches found!
node 12 checked!...32 matches found!
node 13 checked!...37 matches found!
node 14 checked!...37 matches found!
node 15 checked!...38 matches found!
node 16 checked!...34 matches found!
node 17 checked!...33 matches found!
node 18 checked!...33 matches found!
node 19 checked!...32 matches found!
node 20 checked!...32 matches found!
node 21 checked!...36 matches found!
node 22 checked!...28 matches found!
node 23 checked!...38 matches found!
node 24 checked!...32 matches found!
node 25 checked!...35 matches found!
node 26 checked!...33 matches found!
node 27 checked!...36 matches found!
node 28 checked!...38 matches found!
node 29 checked!...32 matches found!
node 30 checked!...32 matches found!

Voting array

[27 31 36 36 38 31 33 37 36 33 32 32 37 37 38 34 33 33 32 32 36 28 38 32 35
 33 36 38 32 32]

Putative nodes

[14 23 28 5 15]

Best matching node from voting array

5

Presence of query node in putative nodes

Absent

Node 19 -> query image 18
----

86 features detected!

Checking for matches...

```
node 1 checked!...34 matches found!
node 2 checked!...30 matches found!
node 3 checked!...39 matches found!
node 4 checked!...40 matches found!
node 5 checked!...39 matches found!
node 6 checked!...33 matches found!
node 7 checked!...34 matches found!
node 8 checked!...41 matches found!
node 9 checked!...35 matches found!
node 10 checked!...38 matches found!
node 11 checked!...31 matches found!
node 12 checked!...33 matches found!
node 13 checked!...37 matches found!
node 14 checked!...42 matches found!
node 15 checked!...32 matches found!
node 16 checked!...36 matches found!
node 17 checked!...35 matches found!
node 18 checked!...37 matches found!
node 19 checked!...40 matches found!
node 20 checked!...33 matches found!
node 21 checked!...40 matches found!
node 22 checked!...31 matches found!
node 23 checked!...37 matches found!
node 24 checked!...40 matches found!
node 25 checked!...41 matches found!
node 26 checked!...36 matches found!
node 27 checked!...35 matches found!
node 28 checked!...43 matches found!
node 29 checked!...31 matches found!
node 30 checked!...33 matches found!
```

Voting array

[34 30 39 40 39 33 34 41 35 38 31 33 37 42 32 36 35 37 40 33 40 31 37 40 41
 36 35 43 31 33]

Putative nodes

[21 8 25 28 14]

Best matching node from voting array

28

Presence of query node in putative nodes

Absent

Node 19 -> query image 19
----

84 features detected!

Checking for matches...

```
node 1 checked!...34 matches found!
node 2 checked!...33 matches found!
node 3 checked!...31 matches found!
node 4 checked!...36 matches found!
node 5 checked!...39 matches found!
```

```
node 6 checked!...31 matches found!
node 7 checked!...33 matches found!
node 8 checked!...33 matches found!
node 9 checked!...31 matches found!
node 10 checked!...33 matches found!
node 11 checked!...29 matches found!
node 12 checked!...34 matches found!
node 13 checked!...37 matches found!
node 14 checked!...33 matches found!
node 15 checked!...32 matches found!
node 16 checked!...34 matches found!
node 17 checked!...35 matches found!
node 18 checked!...34 matches found!
node 19 checked!...34 matches found!
node 20 checked!...29 matches found!
node 21 checked!...35 matches found!
node 22 checked!...34 matches found!
node 23 checked!...38 matches found!
node 24 checked!...37 matches found!
node 25 checked!...31 matches found!
node 26 checked!...33 matches found!
node 27 checked!...34 matches found!
node 28 checked!...33 matches found!
node 29 checked!...24 matches found!
node 30 checked!...33 matches found!
```

Voting array

[34 33 31 36 39 31 33 33 31 33 29 34 37 33 32 34 35 34 34 29 35 34 38 37 31
 33 34 33 24 33]

Putative nodes

[4 13 24 23 5]

Best matching node from voting array

5

Presence of query node in putative nodes

Absent

Node 19 -> query image 20
----

70 features detected!

Checking for matches...

```
node 1 checked!...31 matches found!
node 2 checked!...30 matches found!
node 3 checked!...32 matches found!
node 4 checked!...41 matches found!
node 5 checked!...32 matches found!
node 6 checked!...29 matches found!
node 7 checked!...37 matches found!
node 8 checked!...30 matches found!
node 9 checked!...32 matches found!
node 10 checked!...32 matches found!
node 11 checked!...28 matches found!
```

```
node 12 checked!...31 matches found!
node 13 checked!...40 matches found!
node 14 checked!...34 matches found!
node 15 checked!...32 matches found!
node 16 checked!...37 matches found!
node 17 checked!...41 matches found!
node 18 checked!...34 matches found!
node 19 checked!...34 matches found!
node 20 checked!...29 matches found!
node 21 checked!...36 matches found!
node 22 checked!...34 matches found!
node 23 checked!...39 matches found!
node 24 checked!...37 matches found!
node 25 checked!...36 matches found!
node 26 checked!...37 matches found!
node 27 checked!...35 matches found!
node 28 checked!...36 matches found!
node 29 checked!...32 matches found!
node 30 checked!...34 matches found!
```

Voting array

```
[31 30 32 41 32 29 37 30 32 32 28 31 40 34 32 37 41 34 34 29 36 34 39 37 36
 37 35 36 32 34]
```

Putative nodes

```
[26 23 13 17  4]
```

Best matching node from voting array

4

Presence of query node in putative nodes

Absent

Node 19 -> query image 21
----

83 features detected!

Checking for matches...

```
node 1 checked!...32 matches found!
node 2 checked!...27 matches found!
node 3 checked!...31 matches found!
node 4 checked!...36 matches found!
node 5 checked!...37 matches found!
node 6 checked!...31 matches found!
node 7 checked!...30 matches found!
node 8 checked!...31 matches found!
node 9 checked!...34 matches found!
node 10 checked!...33 matches found!
node 11 checked!...35 matches found!
node 12 checked!...31 matches found!
node 13 checked!...31 matches found!
node 14 checked!...37 matches found!
node 15 checked!...28 matches found!
node 16 checked!...33 matches found!
node 17 checked!...34 matches found!
```

```
node 18 checked!...35 matches found!
node 19 checked!...32 matches found!
node 20 checked!...32 matches found!
node 21 checked!...36 matches found!
node 22 checked!...32 matches found!
node 23 checked!...39 matches found!
node 24 checked!...36 matches found!
node 25 checked!...36 matches found!
node 26 checked!...37 matches found!
node 27 checked!...37 matches found!
node 28 checked!...36 matches found!
node 29 checked!...34 matches found!
node 30 checked!...36 matches found!
```

Voting array

[32 27 31 36 37 31 30 31 34 33 35 31 31 37 28 33 34 35 32 32 36 32 39 36 36
 37 37 36 34 36]

Putative nodes

[5 27 14 26 23]

Best matching node from voting array

23

Presence of query node in putative nodes

Absent

Node 19 -> query image 22
----

83 features detected!

Checking for matches...

```
node 1 checked!...31 matches found!
node 2 checked!...32 matches found!
node 3 checked!...35 matches found!
node 4 checked!...38 matches found!
node 5 checked!...34 matches found!
node 6 checked!...32 matches found!
node 7 checked!...36 matches found!
node 8 checked!...37 matches found!
node 9 checked!...32 matches found!
node 10 checked!...34 matches found!
node 11 checked!...32 matches found!
node 12 checked!...36 matches found!
node 13 checked!...36 matches found!
node 14 checked!...35 matches found!
node 15 checked!...34 matches found!
node 16 checked!...36 matches found!
node 17 checked!...34 matches found!
node 18 checked!...33 matches found!
node 19 checked!...36 matches found!
node 20 checked!...33 matches found!
node 21 checked!...38 matches found!
node 22 checked!...32 matches found!
node 23 checked!...41 matches found!
```

```
node 24 checked!...36 matches found!
node 25 checked!...36 matches found!
node 26 checked!...38 matches found!
node 27 checked!...37 matches found!
node 28 checked!...39 matches found!
node 29 checked!...28 matches found!
node 30 checked!...32 matches found!

Voting array
--------------
[31 32 35 38 34 32 36 37 32 34 32 36 36 35 34 36 34 33 36 33 38 32 41 36 36
 38 37 39 28 32]

Putative nodes
------------
[26  4 21 28 23]

Best matching node from voting array
----------------------------------------
23

Presence of query node in putative nodes
----------------------------------------
Absent


Node 19 -> query image 23
-----------------------

100 features detected!

Checking for matches...

node 1 checked!...32 matches found!
node 2 checked!...35 matches found!
node 3 checked!...40 matches found!
node 4 checked!...41 matches found!
node 5 checked!...39 matches found!
node 6 checked!...34 matches found!
node 7 checked!...36 matches found!
node 8 checked!...45 matches found!
node 9 checked!...38 matches found!
node 10 checked!...43 matches found!
node 11 checked!...37 matches found!
node 12 checked!...37 matches found!
node 13 checked!...39 matches found!
node 14 checked!...34 matches found!
node 15 checked!...32 matches found!
node 16 checked!...37 matches found!
node 17 checked!...41 matches found!
node 18 checked!...40 matches found!
node 19 checked!...42 matches found!
node 20 checked!...32 matches found!
node 21 checked!...37 matches found!
node 22 checked!...32 matches found!
node 23 checked!...40 matches found!
node 24 checked!...43 matches found!
node 25 checked!...40 matches found!
node 26 checked!...38 matches found!
node 27 checked!...37 matches found!
node 28 checked!...43 matches found!
node 29 checked!...31 matches found!
```

node 30 checked!...37 matches found!

Voting array

[32 35 40 41 39 34 36 45 38 43 37 37 39 34 32 37 41 40 42 32 37 32 40 43 40
 38 37 43 31 37]

Putative nodes

[19 24 28 10 8]

Best matching node from voting array

8

Presence of query node in putative nodes

Present

Node 19 -> query image 24
----

90 features detected!

Checking for matches...

node 1 checked!...31 matches found!
node 2 checked!...31 matches found!
node 3 checked!...32 matches found!
node 4 checked!...40 matches found!
node 5 checked!...37 matches found!
node 6 checked!...26 matches found!
node 7 checked!...33 matches found!
node 8 checked!...32 matches found!
node 9 checked!...30 matches found!
node 10 checked!...34 matches found!
node 11 checked!...34 matches found!
node 12 checked!...36 matches found!
node 13 checked!...36 matches found!
node 14 checked!...32 matches found!
node 15 checked!...30 matches found!
node 16 checked!...35 matches found!
node 17 checked!...36 matches found!
node 18 checked!...35 matches found!
node 19 checked!...36 matches found!
node 20 checked!...29 matches found!
node 21 checked!...37 matches found!
node 22 checked!...32 matches found!
node 23 checked!...37 matches found!
node 24 checked!...38 matches found!
node 25 checked!...30 matches found!
node 26 checked!...38 matches found!
node 27 checked!...34 matches found!
node 28 checked!...34 matches found!
node 29 checked!...26 matches found!
node 30 checked!...36 matches found!

Voting array

[31 31 32 40 37 26 33 32 30 34 34 36 36 32 30 35 36 35 36 29 37 32 37 38 30
 38 34 34 26 36]

Putative nodes

[5 23 24 26 4]

Best matching node from voting array

4

Presence of query node in putative nodes

Absent

Node 19 -> query image 25
----

80 features detected!

Checking for matches...

node 1 checked!...28 matches found!
node 2 checked!...31 matches found!
node 3 checked!...35 matches found!
node 4 checked!...40 matches found!
node 5 checked!...34 matches found!
node 6 checked!...37 matches found!
node 7 checked!...36 matches found!
node 8 checked!...33 matches found!
node 9 checked!...34 matches found!
node 10 checked!...31 matches found!
node 11 checked!...30 matches found!
node 12 checked!...29 matches found!
node 13 checked!...36 matches found!
node 14 checked!...38 matches found!
node 15 checked!...31 matches found!
node 16 checked!...36 matches found!
node 17 checked!...40 matches found!
node 18 checked!...33 matches found!
node 19 checked!...38 matches found!
node 20 checked!...30 matches found!
node 21 checked!...33 matches found!
node 22 checked!...38 matches found!
node 23 checked!...38 matches found!
node 24 checked!...34 matches found!
node 25 checked!...33 matches found!
node 26 checked!...40 matches found!
node 27 checked!...36 matches found!
node 28 checked!...37 matches found!
node 29 checked!...34 matches found!
node 30 checked!...36 matches found!

Voting array

[28 31 35 40 34 37 36 33 34 31 30 29 36 38 31 36 40 33 38 30 33 38 38 34 33
 40 36 37 34 36]

Putative nodes

[23 22 26 4 17]

Best matching node from voting array

```
----------------------------------------
4

Presence of query node in putative nodes
----------------------------------------
Absent


Node 19 -> query image 26
------------------------

98 features detected!

Checking for matches...

node 1 checked!...33 matches found!
node 2 checked!...30 matches found!
node 3 checked!...39 matches found!
node 4 checked!...43 matches found!
node 5 checked!...44 matches found!
node 6 checked!...33 matches found!
node 7 checked!...33 matches found!
node 8 checked!...37 matches found!
node 9 checked!...32 matches found!
node 10 checked!...36 matches found!
node 11 checked!...36 matches found!
node 12 checked!...34 matches found!
node 13 checked!...32 matches found!
node 14 checked!...35 matches found!
node 15 checked!...34 matches found!
node 16 checked!...39 matches found!
node 17 checked!...41 matches found!
node 18 checked!...34 matches found!
node 19 checked!...41 matches found!
node 20 checked!...32 matches found!
node 21 checked!...39 matches found!
node 22 checked!...33 matches found!
node 23 checked!...43 matches found!
node 24 checked!...41 matches found!
node 25 checked!...37 matches found!
node 26 checked!...38 matches found!
node 27 checked!...35 matches found!
node 28 checked!...41 matches found!
node 29 checked!...38 matches found!
node 30 checked!...39 matches found!

Voting array
--------------
[33 30 39 43 44 33 33 37 32 36 36 34 32 35 34 39 41 34 41 32 39 33 43 41 37
 38 35 41 38 39]

Putative nodes
------------
[19 17  4 23  5]

Best matching node from voting array
----------------------------------------
5

Presence of query node in putative nodes
----------------------------------------
Present
```

Node 19 -> query image 27
----

76 features detected!

Checking for matches...

node 1 checked!...29 matches found!
node 2 checked!...32 matches found!
node 3 checked!...38 matches found!
node 4 checked!...35 matches found!
node 5 checked!...36 matches found!
node 6 checked!...33 matches found!
node 7 checked!...32 matches found!
node 8 checked!...33 matches found!
node 9 checked!...31 matches found!
node 10 checked!...35 matches found!
node 11 checked!...33 matches found!
node 12 checked!...33 matches found!
node 13 checked!...33 matches found!
node 14 checked!...35 matches found!
node 15 checked!...29 matches found!
node 16 checked!...37 matches found!
node 17 checked!...33 matches found!
node 18 checked!...30 matches found!
node 19 checked!...37 matches found!
node 20 checked!...31 matches found!
node 21 checked!...29 matches found!
node 22 checked!...33 matches found!
node 23 checked!...37 matches found!
node 24 checked!...34 matches found!
node 25 checked!...36 matches found!
node 26 checked!...33 matches found!
node 27 checked!...35 matches found!
node 28 checked!...35 matches found!
node 29 checked!...34 matches found!
node 30 checked!...35 matches found!

Voting array

[29 32 38 35 36 33 32 33 31 35 33 33 33 35 29 37 33 30 37 31 29 33 37 34 36
 33 35 35 34 35]

Putative nodes

[25 19 23 16 3]

Best matching node from voting array

3

Presence of query node in putative nodes

Present

Node 19 -> query image 28
----

85 features detected!

Checking for matches...

node 1 checked!...31 matches found!
node 2 checked!...30 matches found!
node 3 checked!...35 matches found!
node 4 checked!...35 matches found!
node 5 checked!...36 matches found!
node 6 checked!...32 matches found!
node 7 checked!...31 matches found!
node 8 checked!...36 matches found!
node 9 checked!...33 matches found!
node 10 checked!...32 matches found!
node 11 checked!...31 matches found!
node 12 checked!...30 matches found!
node 13 checked!...34 matches found!
node 14 checked!...30 matches found!
node 15 checked!...28 matches found!
node 16 checked!...34 matches found!
node 17 checked!...36 matches found!
node 18 checked!...30 matches found!
node 19 checked!...33 matches found!
node 20 checked!...27 matches found!
node 21 checked!...34 matches found!
node 22 checked!...31 matches found!
node 23 checked!...41 matches found!
node 24 checked!...34 matches found!
node 25 checked!...38 matches found!
node 26 checked!...36 matches found!
node 27 checked!...33 matches found!
node 28 checked!...31 matches found!
node 29 checked!...32 matches found!
node 30 checked!...33 matches found!

Voting array

[31 30 35 35 36 32 31 36 33 32 31 30 34 30 28 34 36 30 33 27 34 31 41 34 38
 36 33 31 32 33]

Putative nodes

[17 26 25 23 5]

Best matching node from voting array

23

Presence of query node in putative nodes

Absent

Node 19 -> query image 29
----

88 features detected!

Checking for matches...

node 1 checked!...28 matches found!
node 2 checked!...33 matches found!
node 3 checked!...39 matches found!

```
node 4 checked!...33 matches found!
node 5 checked!...34 matches found!
node 6 checked!...29 matches found!
node 7 checked!...31 matches found!
node 8 checked!...31 matches found!
node 9 checked!...32 matches found!
node 10 checked!...30 matches found!
node 11 checked!...32 matches found!
node 12 checked!...35 matches found!
node 13 checked!...37 matches found!
node 14 checked!...32 matches found!
node 15 checked!...30 matches found!
node 16 checked!...32 matches found!
node 17 checked!...36 matches found!
node 18 checked!...29 matches found!
node 19 checked!...26 matches found!
node 20 checked!...28 matches found!
node 21 checked!...33 matches found!
node 22 checked!...32 matches found!
node 23 checked!...34 matches found!
node 24 checked!...30 matches found!
node 25 checked!...36 matches found!
node 26 checked!...36 matches found!
node 27 checked!...35 matches found!
node 28 checked!...34 matches found!
node 29 checked!...27 matches found!
node 30 checked!...32 matches found!
```

Voting array

[28 33 39 33 34 29 31 31 32 30 32 35 37 32 30 32 36 29 26 28 33 32 34 30 36
 36 35 34 27 32]

Putative nodes

[17 26 25 3 13]

Best matching node from voting array

3

Presence of query node in putative nodes

Absent

Node 19 -> query image 30
----

98 features detected!

Checking for matches...

```
node 1 checked!...36 matches found!
node 2 checked!...34 matches found!
node 3 checked!...38 matches found!
node 4 checked!...45 matches found!
node 5 checked!...40 matches found!
node 6 checked!...34 matches found!
node 7 checked!...37 matches found!
node 8 checked!...37 matches found!
node 9 checked!...35 matches found!
```

```
node 10 checked!...34 matches found!
node 11 checked!...36 matches found!
node 12 checked!...33 matches found!
node 13 checked!...35 matches found!
node 14 checked!...37 matches found!
node 15 checked!...38 matches found!
node 16 checked!...44 matches found!
node 17 checked!...35 matches found!
node 18 checked!...34 matches found!
node 19 checked!...43 matches found!
node 20 checked!...34 matches found!
node 21 checked!...34 matches found!
node 22 checked!...33 matches found!
node 23 checked!...41 matches found!
node 24 checked!...37 matches found!
node 25 checked!...36 matches found!
node 26 checked!...37 matches found!
node 27 checked!...38 matches found!
node 28 checked!...40 matches found!
node 29 checked!...39 matches found!
node 30 checked!...38 matches found!
```

Voting array

[36 34 38 45 40 34 37 37 35 34 36 33 35 37 38 44 35 34 43 34 34 33 41 37 36
 37 38 40 39 38]

Putative nodes

[5 23 19 16 4]

Best matching node from voting array

4

Presence of query node in putative nodes

Present

Node 19 -> query image 31
----

98 features detected!

Checking for matches...

```
node 1 checked!...32 matches found!
node 2 checked!...34 matches found!
node 3 checked!...32 matches found!
node 4 checked!...41 matches found!
node 5 checked!...40 matches found!
node 6 checked!...30 matches found!
node 7 checked!...39 matches found!
node 8 checked!...38 matches found!
node 9 checked!...35 matches found!
node 10 checked!...33 matches found!
node 11 checked!...36 matches found!
node 12 checked!...35 matches found!
node 13 checked!...42 matches found!
node 14 checked!...36 matches found!
node 15 checked!...35 matches found!
```

```
node 16 checked!...36 matches found!
node 17 checked!...37 matches found!
node 18 checked!...33 matches found!
node 19 checked!...41 matches found!
node 20 checked!...33 matches found!
node 21 checked!...38 matches found!
node 22 checked!...30 matches found!
node 23 checked!...42 matches found!
node 24 checked!...38 matches found!
node 25 checked!...40 matches found!
node 26 checked!...39 matches found!
node 27 checked!...33 matches found!
node 28 checked!...41 matches found!
node 29 checked!...34 matches found!
node 30 checked!...37 matches found!

Voting array
--------------
[32 34 32 41 40 30 39 38 35 33 36 35 42 36 35 36 37 33 41 33 38 30 42 38 40
 39 33 41 34 37]

Putative nodes
------------
[ 4 28 19 23 13]

Best matching node from voting array
----------------------------------------
13

Presence of query node in putative nodes
----------------------------------------
Present


Node 19 -> query image 32
-----------------------

98 features detected!

Checking for matches...

node 1 checked!...31 matches found!
node 2 checked!...35 matches found!
node 3 checked!...38 matches found!
node 4 checked!...41 matches found!
node 5 checked!...39 matches found!
node 6 checked!...38 matches found!
node 7 checked!...36 matches found!
node 8 checked!...40 matches found!
node 9 checked!...36 matches found!
node 10 checked!...41 matches found!
node 11 checked!...41 matches found!
node 12 checked!...36 matches found!
node 13 checked!...38 matches found!
node 14 checked!...36 matches found!
node 15 checked!...30 matches found!
node 16 checked!...34 matches found!
node 17 checked!...39 matches found!
node 18 checked!...37 matches found!
node 19 checked!...43 matches found!
node 20 checked!...34 matches found!
node 21 checked!...38 matches found!
```

```
node 22 checked!...32 matches found!
node 23 checked!...41 matches found!
node 24 checked!...44 matches found!
node 25 checked!...42 matches found!
node 26 checked!...38 matches found!
node 27 checked!...36 matches found!
node 28 checked!...38 matches found!
node 29 checked!...30 matches found!
node 30 checked!...39 matches found!

Voting array
--------------
[31 35 38 41 39 38 36 40 36 41 41 36 38 36 30 34 39 37 43 34 38 32 41 44 42
 38 36 38 30 39]

Putative nodes
------------
[ 4 23 25 24 19]

Best matching node from voting array
----------------------------------------
24

Presence of query node in putative nodes
----------------------------------------
Present


Node 19 -> query image 33
------------------------

99 features detected!

Checking for matches...

node 1 checked!...30 matches found!
node 2 checked!...37 matches found!
node 3 checked!...37 matches found!
node 4 checked!...36 matches found!
node 5 checked!...35 matches found!
node 6 checked!...35 matches found!
node 7 checked!...35 matches found!
node 8 checked!...30 matches found!
node 9 checked!...32 matches found!
node 10 checked!...34 matches found!
node 11 checked!...32 matches found!
node 12 checked!...35 matches found!
node 13 checked!...41 matches found!
node 14 checked!...33 matches found!
node 15 checked!...30 matches found!
node 16 checked!...36 matches found!
node 17 checked!...43 matches found!
node 18 checked!...32 matches found!
node 19 checked!...32 matches found!
node 20 checked!...31 matches found!
node 21 checked!...32 matches found!
node 22 checked!...36 matches found!
node 23 checked!...40 matches found!
node 24 checked!...40 matches found!
node 25 checked!...38 matches found!
node 26 checked!...38 matches found!
node 27 checked!...35 matches found!
```

```
node 28 checked!...37 matches found!
node 29 checked!...35 matches found!
node 30 checked!...33 matches found!

Voting array
--------------
[30 37 37 36 35 35 35 30 32 34 32 35 41 33 30 36 43 32 32 31 32 36 40 40 38
 38 35 37 35 33]

Putative nodes
------------
[26 23 24 13 17]

Best matching node from voting array
-------------------------------------
17

Presence of query node in putative nodes
-------------------------------------
Absent


Node 19 -> query image 34
------------------------

85 features detected!

Checking for matches...

node 1 checked!...30 matches found!
node 2 checked!...36 matches found!
node 3 checked!...31 matches found!
node 4 checked!...39 matches found!
node 5 checked!...38 matches found!
node 6 checked!...28 matches found!
node 7 checked!...31 matches found!
node 8 checked!...38 matches found!
node 9 checked!...30 matches found!
node 10 checked!...33 matches found!
node 11 checked!...36 matches found!
node 12 checked!...34 matches found!
node 13 checked!...36 matches found!
node 14 checked!...35 matches found!
node 15 checked!...34 matches found!
node 16 checked!...38 matches found!
node 17 checked!...41 matches found!
node 18 checked!...40 matches found!
node 19 checked!...32 matches found!
node 20 checked!...37 matches found!
node 21 checked!...35 matches found!
node 22 checked!...33 matches found!
node 23 checked!...39 matches found!
node 24 checked!...36 matches found!
node 25 checked!...33 matches found!
node 26 checked!...36 matches found!
node 27 checked!...36 matches found!
node 28 checked!...35 matches found!
node 29 checked!...33 matches found!
node 30 checked!...35 matches found!

Voting array
--------------
```

```
[30 36 31 39 38 28 31 38 30 33 36 34 36 35 34 38 41 40 32 37 35 33 39 36 33
 36 36 35 33 35]
```

Putative nodes

[8 4 23 18 17]

Best matching node from voting array

17

Presence of query node in putative nodes

Absent

Node 19 -> query image 35
----

3 features detected!

Checking for matches...

node 1 checked!...3 matches found!
node 2 checked!...3 matches found!
node 3 checked!...3 matches found!
node 4 checked!...3 matches found!
node 5 checked!...3 matches found!
node 6 checked!...3 matches found!
node 7 checked!...3 matches found!
node 8 checked!...3 matches found!
node 9 checked!...3 matches found!
node 10 checked!...3 matches found!
node 11 checked!...3 matches found!
node 12 checked!...3 matches found!
node 13 checked!...3 matches found!
node 14 checked!...3 matches found!
node 15 checked!...3 matches found!
node 16 checked!...3 matches found!
node 17 checked!...3 matches found!
node 18 checked!...3 matches found!
node 19 checked!...3 matches found!
node 20 checked!...3 matches found!
node 21 checked!...3 matches found!
node 22 checked!...3 matches found!
node 23 checked!...3 matches found!
node 24 checked!...3 matches found!
node 25 checked!...3 matches found!
node 26 checked!...3 matches found!
node 27 checked!...3 matches found!
node 28 checked!...3 matches found!
node 29 checked!...3 matches found!
node 30 checked!...3 matches found!

Voting array

[3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3]

Putative nodes

[11 14 12 10 30]
```

Best matching node from voting array

1

Presence of query node in putative nodes

Absent

Node 19 -> query image 36
----

77 features detected!

Checking for matches...

node 1 checked!...29 matches found!
node 2 checked!...33 matches found!
node 3 checked!...29 matches found!
node 4 checked!...36 matches found!
node 5 checked!...35 matches found!
node 6 checked!...29 matches found!
node 7 checked!...29 matches found!
node 8 checked!...38 matches found!
node 9 checked!...27 matches found!
node 10 checked!...29 matches found!
node 11 checked!...33 matches found!
node 12 checked!...25 matches found!
node 13 checked!...33 matches found!
node 14 checked!...27 matches found!
node 15 checked!...27 matches found!
node 16 checked!...33 matches found!
node 17 checked!...32 matches found!
node 18 checked!...33 matches found!
node 19 checked!...28 matches found!
node 20 checked!...30 matches found!
node 21 checked!...30 matches found!
node 22 checked!...29 matches found!
node 23 checked!...38 matches found!
node 24 checked!...32 matches found!
node 25 checked!...34 matches found!
node 26 checked!...35 matches found!
node 27 checked!...31 matches found!
node 28 checked!...29 matches found!
node 29 checked!...34 matches found!
node 30 checked!...31 matches found!

Voting array

[29 33 29 36 35 29 29 38 27 29 33 25 33 27 27 33 32 33 28 30 30 29 38 32 34
 35 31 29 34 31]

Putative nodes

[5 26 4 23 8]

Best matching node from voting array

8

Presence of query node in putative nodes

Absent

Node 19 -> query image 37
----

46 features detected!

Checking for matches...

node 1 checked!...23 matches found!
node 2 checked!...23 matches found!
node 3 checked!...20 matches found!
node 4 checked!...24 matches found!
node 5 checked!...21 matches found!
node 6 checked!...19 matches found!
node 7 checked!...20 matches found!
node 8 checked!...20 matches found!
node 9 checked!...21 matches found!
node 10 checked!...22 matches found!
node 11 checked!...24 matches found!
node 12 checked!...21 matches found!
node 13 checked!...21 matches found!
node 14 checked!...23 matches found!
node 15 checked!...19 matches found!
node 16 checked!...23 matches found!
node 17 checked!...24 matches found!
node 18 checked!...25 matches found!
node 19 checked!...25 matches found!
node 20 checked!...22 matches found!
node 21 checked!...24 matches found!
node 22 checked!...21 matches found!
node 23 checked!...23 matches found!
node 24 checked!...22 matches found!
node 25 checked!...22 matches found!
node 26 checked!...30 matches found!
node 27 checked!...24 matches found!
node 28 checked!...20 matches found!
node 29 checked!...23 matches found!
node 30 checked!...20 matches found!

Voting array

[23 23 20 24 21 19 20 20 21 22 24 21 21 23 19 23 24 25 25 22 24 21 23 22 22
 30 24 20 23 20]

Putative nodes

[4 27 19 26 18]

Best matching node from voting array

26

Presence of query node in putative nodes

Present

Node 19 -> query image 38
----

52 features detected!

Checking for matches...

node 1 checked!...23 matches found!
node 2 checked!...25 matches found!
node 3 checked!...25 matches found!
node 4 checked!...26 matches found!
node 5 checked!...24 matches found!
node 6 checked!...29 matches found!
node 7 checked!...25 matches found!
node 8 checked!...25 matches found!
node 9 checked!...27 matches found!
node 10 checked!...24 matches found!
node 11 checked!...23 matches found!
node 12 checked!...25 matches found!
node 13 checked!...22 matches found!
node 14 checked!...21 matches found!
node 15 checked!...22 matches found!
node 16 checked!...20 matches found!
node 17 checked!...26 matches found!
node 18 checked!...26 matches found!
node 19 checked!...20 matches found!
node 20 checked!...25 matches found!
node 21 checked!...25 matches found!
node 22 checked!...22 matches found!
node 23 checked!...24 matches found!
node 24 checked!...25 matches found!
node 25 checked!...26 matches found!
node 26 checked!...23 matches found!
node 27 checked!...21 matches found!
node 28 checked!...23 matches found!
node 29 checked!...25 matches found!
node 30 checked!...22 matches found!

Voting array

[23 25 25 26 24 29 25 25 27 24 23 25 22 21 22 20 26 26 20 25 25 22 24 25 26
 23 21 23 25 22]

Putative nodes

[25 17 4 9 6]

Best matching node from voting array

6

Presence of query node in putative nodes

Absent

Node 19 -> query image 39
----

62 features detected!

Checking for matches...

node 1 checked!...27 matches found!
node 2 checked!...31 matches found!

```
node 3 checked!...29 matches found!
node 4 checked!...35 matches found!
node 5 checked!...29 matches found!
node 6 checked!...30 matches found!
node 7 checked!...27 matches found!
node 8 checked!...30 matches found!
node 9 checked!...24 matches found!
node 10 checked!...28 matches found!
node 11 checked!...31 matches found!
node 12 checked!...27 matches found!
node 13 checked!...31 matches found!
node 14 checked!...29 matches found!
node 15 checked!...31 matches found!
node 16 checked!...32 matches found!
node 17 checked!...36 matches found!
node 18 checked!...34 matches found!
node 19 checked!...28 matches found!
node 20 checked!...31 matches found!
node 21 checked!...33 matches found!
node 22 checked!...31 matches found!
node 23 checked!...34 matches found!
node 24 checked!...32 matches found!
node 25 checked!...33 matches found!
node 26 checked!...32 matches found!
node 27 checked!...30 matches found!
node 28 checked!...31 matches found!
node 29 checked!...33 matches found!
node 30 checked!...34 matches found!

Voting array
--------------
[27 31 29 35 29 30 27 30 24 28 31 27 31 29 31 32 36 34 28 31 33 31 34 32 33
 32 30 31 33 34]

Putative nodes
------------
[23 30  4 18 17]

Best matching node from voting array
----------------------------------------
17

Presence of query node in putative nodes
----------------------------------------
Absent


Node 19 -> query image 40
------------------------

76 features detected!

Checking for matches...

node 1 checked!...24 matches found!
node 2 checked!...27 matches found!
node 3 checked!...31 matches found!
node 4 checked!...31 matches found!
node 5 checked!...32 matches found!
node 6 checked!...27 matches found!
node 7 checked!...31 matches found!
node 8 checked!...33 matches found!
```

```
node 9 checked!...30 matches found!
node 10 checked!...29 matches found!
node 11 checked!...32 matches found!
node 12 checked!...27 matches found!
node 13 checked!...27 matches found!
node 14 checked!...26 matches found!
node 15 checked!...28 matches found!
node 16 checked!...27 matches found!
node 17 checked!...31 matches found!
node 18 checked!...27 matches found!
node 19 checked!...31 matches found!
node 20 checked!...25 matches found!
node 21 checked!...27 matches found!
node 22 checked!...20 matches found!
node 23 checked!...34 matches found!
node 24 checked!...33 matches found!
node 25 checked!...31 matches found!
node 26 checked!...31 matches found!
node 27 checked!...32 matches found!
node 28 checked!...32 matches found!
node 29 checked!...37 matches found!
node 30 checked!...29 matches found!


Voting array
--------------
[24 27 31 31 32 27 31 33 30 29 32 27 27 26 28 27 31 27 31 25 27 20 34 33 31
 31 32 32 37 29]

Putative nodes
------------
[11  8 24 29 23]

Best matching node from voting array
----------------------------------------
29

Presence of query node in putative nodes
----------------------------------------
Absent


 Node 19 testing completed!


Node 20 -> query image 1
------------------------

2 features detected!

Checking for matches...

node 1 checked!...2 matches found!
node 2 checked!...2 matches found!
node 3 checked!...2 matches found!
node 4 checked!...2 matches found!
node 5 checked!...2 matches found!
node 6 checked!...2 matches found!
node 7 checked!...2 matches found!
node 8 checked!...2 matches found!
node 9 checked!...2 matches found!
node 10 checked!...2 matches found!
node 11 checked!...2 matches found!
```

```
node 12 checked!...2 matches found!
node 13 checked!...2 matches found!
node 14 checked!...2 matches found!
node 15 checked!...2 matches found!
node 16 checked!...2 matches found!
node 17 checked!...2 matches found!
node 18 checked!...2 matches found!
node 19 checked!...2 matches found!
node 20 checked!...2 matches found!
node 21 checked!...2 matches found!
node 22 checked!...2 matches found!
node 23 checked!...2 matches found!
node 24 checked!...2 matches found!
node 25 checked!...2 matches found!
node 26 checked!...2 matches found!
node 27 checked!...2 matches found!
node 28 checked!...2 matches found!
node 29 checked!...2 matches found!
node 30 checked!...2 matches found!

Voting array
--------------
[2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2]

Putative nodes
------------
[11 14 12 10 30]

Best matching node from voting array
----------------------------------------
1

Presence of query node in putative nodes
----------------------------------------
Absent


Node 20 -> query image 2
------------------------

5 features detected!

Checking for matches...

node 1 checked!...5 matches found!
node 2 checked!...5 matches found!
node 3 checked!...5 matches found!
node 4 checked!...5 matches found!
node 5 checked!...5 matches found!
node 6 checked!...5 matches found!
node 7 checked!...5 matches found!
node 8 checked!...5 matches found!
node 9 checked!...5 matches found!
node 10 checked!...5 matches found!
node 11 checked!...5 matches found!
node 12 checked!...5 matches found!
node 13 checked!...5 matches found!
node 14 checked!...5 matches found!
node 15 checked!...5 matches found!
node 16 checked!...5 matches found!
node 17 checked!...5 matches found!
node 18 checked!...5 matches found!
```

```
node 19 checked!...5 matches found!
node 20 checked!...5 matches found!
node 21 checked!...5 matches found!
node 22 checked!...5 matches found!
node 23 checked!...5 matches found!
node 24 checked!...5 matches found!
node 25 checked!...5 matches found!
node 26 checked!...5 matches found!
node 27 checked!...5 matches found!
node 28 checked!...5 matches found!
node 29 checked!...5 matches found!
node 30 checked!...5 matches found!

Voting array
--------------
[5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5]

Putative nodes
------------
[11 14 12 10 30]

Best matching node from voting array
----------------------------------------
1

Presence of query node in putative nodes
----------------------------------------
Absent


Node 20 -> query image 3
------------------------

79 features detected!

Checking for matches...

node 1 checked!...37 matches found!
node 2 checked!...41 matches found!
node 3 checked!...40 matches found!
node 4 checked!...37 matches found!
node 5 checked!...37 matches found!
node 6 checked!...33 matches found!
node 7 checked!...40 matches found!
node 8 checked!...40 matches found!
node 9 checked!...31 matches found!
node 10 checked!...37 matches found!
node 11 checked!...35 matches found!
node 12 checked!...35 matches found!
node 13 checked!...37 matches found!
node 14 checked!...34 matches found!
node 15 checked!...33 matches found!
node 16 checked!...36 matches found!
node 17 checked!...38 matches found!
node 18 checked!...38 matches found!
node 19 checked!...32 matches found!
node 20 checked!...38 matches found!
node 21 checked!...36 matches found!
node 22 checked!...28 matches found!
node 23 checked!...38 matches found!
node 24 checked!...37 matches found!
node 25 checked!...35 matches found!
```

```
node 26 checked!...36 matches found!
node 27 checked!...37 matches found!
node 28 checked!...40 matches found!
node 29 checked!...32 matches found!
node 30 checked!...37 matches found!

Voting array
--------------
[37 41 40 37 37 33 40 40 31 37 35 35 37 34 33 36 38 38 32 38 36 28 38 37 35
 36 37 40 32 37]

Putative nodes
------------
[ 3  8 28  7  2]

Best matching node from voting array
----------------------------------------
2

Presence of query node in putative nodes
----------------------------------------
Absent


Node 20 -> query image 4
------------------------

68 features detected!

Checking for matches...

node 1 checked!...31 matches found!
node 2 checked!...29 matches found!
node 3 checked!...33 matches found!
node 4 checked!...33 matches found!
node 5 checked!...34 matches found!
node 6 checked!...30 matches found!
node 7 checked!...30 matches found!
node 8 checked!...29 matches found!
node 9 checked!...25 matches found!
node 10 checked!...36 matches found!
node 11 checked!...26 matches found!
node 12 checked!...29 matches found!
node 13 checked!...32 matches found!
node 14 checked!...35 matches found!
node 15 checked!...29 matches found!
node 16 checked!...32 matches found!
node 17 checked!...29 matches found!
node 18 checked!...29 matches found!
node 19 checked!...29 matches found!
node 20 checked!...33 matches found!
node 21 checked!...36 matches found!
node 22 checked!...26 matches found!
node 23 checked!...32 matches found!
node 24 checked!...35 matches found!
node 25 checked!...28 matches found!
node 26 checked!...30 matches found!
node 27 checked!...31 matches found!
node 28 checked!...33 matches found!
node 29 checked!...33 matches found!
node 30 checked!...28 matches found!
```

Voting array

[31 29 33 33 34 30 30 29 25 36 26 29 32 35 29 32 29 29 29 33 36 26 32 35 28
 30 31 33 33 28]

Putative nodes

[5 14 24 10 21]

Best matching node from voting array

10

Presence of query node in putative nodes

Absent

Node 20 -> query image 5
----

61 features detected!

Checking for matches...

node 1 checked!...28 matches found!
node 2 checked!...31 matches found!
node 3 checked!...34 matches found!
node 4 checked!...33 matches found!
node 5 checked!...31 matches found!
node 6 checked!...26 matches found!
node 7 checked!...29 matches found!
node 8 checked!...30 matches found!
node 9 checked!...26 matches found!
node 10 checked!...31 matches found!
node 11 checked!...28 matches found!
node 12 checked!...30 matches found!
node 13 checked!...30 matches found!
node 14 checked!...26 matches found!
node 15 checked!...29 matches found!
node 16 checked!...29 matches found!
node 17 checked!...29 matches found!
node 18 checked!...30 matches found!
node 19 checked!...32 matches found!
node 20 checked!...26 matches found!
node 21 checked!...32 matches found!
node 22 checked!...27 matches found!
node 23 checked!...26 matches found!
node 24 checked!...31 matches found!
node 25 checked!...30 matches found!
node 26 checked!...30 matches found!
node 27 checked!...25 matches found!
node 28 checked!...28 matches found!
node 29 checked!...31 matches found!
node 30 checked!...33 matches found!

Voting array

[28 31 34 33 31 26 29 30 26 31 28 30 30 26 29 29 29 30 32 26 32 27 26 31 30
 30 25 28 31 33]

Putative nodes

```
------------
[19  4  3 21 30]
```

Best matching node from voting array

3

Presence of query node in putative nodes

Absent

Node 20 -> query image 6
----

32 features detected!

Checking for matches...

node 1 checked!...24 matches found!
node 2 checked!...18 matches found!
node 3 checked!...21 matches found!
node 4 checked!...23 matches found!
node 5 checked!...23 matches found!
node 6 checked!...15 matches found!
node 7 checked!...16 matches found!
node 8 checked!...21 matches found!
node 9 checked!...17 matches found!
node 10 checked!...22 matches found!
node 11 checked!...21 matches found!
node 12 checked!...19 matches found!
node 13 checked!...22 matches found!
node 14 checked!...21 matches found!
node 15 checked!...19 matches found!
node 16 checked!...21 matches found!
node 17 checked!...21 matches found!
node 18 checked!...24 matches found!
node 19 checked!...21 matches found!
node 20 checked!...22 matches found!
node 21 checked!...23 matches found!
node 22 checked!...21 matches found!
node 23 checked!...22 matches found!
node 24 checked!...19 matches found!
node 25 checked!...22 matches found!
node 26 checked!...23 matches found!
node 27 checked!...22 matches found!
node 28 checked!...20 matches found!
node 29 checked!...20 matches found!
node 30 checked!...20 matches found!

Voting array

```
[24 18 21 23 23 15 16 21 17 22 21 19 22 21 19 21 21 24 21 22 23 21 22 19 22
 23 22 20 20 20]
```

Putative nodes

```
[26 21 18  5  1]
```

Best matching node from voting array

1

Presence of query node in putative nodes

Absent

Node 20 -> query image 7
----

62 features detected!

Checking for matches...

node 1 checked!...28 matches found!
node 2 checked!...29 matches found!
node 3 checked!...28 matches found!
node 4 checked!...27 matches found!
node 5 checked!...31 matches found!
node 6 checked!...27 matches found!
node 7 checked!...24 matches found!
node 8 checked!...30 matches found!
node 9 checked!...28 matches found!
node 10 checked!...27 matches found!
node 11 checked!...28 matches found!
node 12 checked!...27 matches found!
node 13 checked!...30 matches found!
node 14 checked!...27 matches found!
node 15 checked!...25 matches found!
node 16 checked!...30 matches found!
node 17 checked!...30 matches found!
node 18 checked!...30 matches found!
node 19 checked!...27 matches found!
node 20 checked!...27 matches found!
node 21 checked!...35 matches found!
node 22 checked!...26 matches found!
node 23 checked!...29 matches found!
node 24 checked!...26 matches found!
node 25 checked!...24 matches found!
node 26 checked!...30 matches found!
node 27 checked!...29 matches found!
node 28 checked!...29 matches found!
node 29 checked!...26 matches found!
node 30 checked!...30 matches found!

Voting array

[28 29 28 27 31 27 24 30 28 27 28 27 30 27 25 30 30 30 27 27 35 26 29 26 24
 30 29 29 26 30]

Putative nodes

[16 21 5 8 30]

Best matching node from voting array

21

Presence of query node in putative nodes

Absent

Node 20 -> query image 8
----

34 features detected!

Checking for matches...

node 1 checked!...20 matches found!
node 2 checked!...20 matches found!
node 3 checked!...20 matches found!
node 4 checked!...21 matches found!
node 5 checked!...21 matches found!
node 6 checked!...18 matches found!
node 7 checked!...19 matches found!
node 8 checked!...20 matches found!
node 9 checked!...21 matches found!
node 10 checked!...20 matches found!
node 11 checked!...23 matches found!
node 12 checked!...19 matches found!
node 13 checked!...23 matches found!
node 14 checked!...20 matches found!
node 15 checked!...17 matches found!
node 16 checked!...20 matches found!
node 17 checked!...24 matches found!
node 18 checked!...20 matches found!
node 19 checked!...20 matches found!
node 20 checked!...20 matches found!
node 21 checked!...22 matches found!
node 22 checked!...19 matches found!
node 23 checked!...22 matches found!
node 24 checked!...23 matches found!
node 25 checked!...20 matches found!
node 26 checked!...22 matches found!
node 27 checked!...22 matches found!
node 28 checked!...21 matches found!
node 29 checked!...21 matches found!
node 30 checked!...20 matches found!

Voting array

[20 20 20 21 21 18 19 20 21 20 23 19 23 20 17 20 24 20 20 20 22 19 22 23 20
 22 22 21 21 20]

Putative nodes

[23 11 24 17 13]

Best matching node from voting array

17

Presence of query node in putative nodes

Absent

Node 20 -> query image 9
----

48 features detected!

Checking for matches...

```
node 1 checked!...24 matches found!
node 2 checked!...23 matches found!
node 3 checked!...20 matches found!
node 4 checked!...24 matches found!
node 5 checked!...25 matches found!
node 6 checked!...25 matches found!
node 7 checked!...21 matches found!
node 8 checked!...20 matches found!
node 9 checked!...21 matches found!
node 10 checked!...25 matches found!
node 11 checked!...24 matches found!
node 12 checked!...24 matches found!
node 13 checked!...23 matches found!
node 14 checked!...27 matches found!
node 15 checked!...23 matches found!
node 16 checked!...23 matches found!
node 17 checked!...23 matches found!
node 18 checked!...25 matches found!
node 19 checked!...22 matches found!
node 20 checked!...23 matches found!
node 21 checked!...25 matches found!
node 22 checked!...21 matches found!
node 23 checked!...24 matches found!
node 24 checked!...22 matches found!
node 25 checked!...22 matches found!
node 26 checked!...23 matches found!
node 27 checked!...24 matches found!
node 28 checked!...24 matches found!
node 29 checked!...24 matches found!
node 30 checked!...22 matches found!
```

Voting array

[24 23 20 24 25 25 21 20 21 25 24 24 23 27 23 23 23 25 22 23 25 21 24 22 22
 23 24 24 24 22]

Putative nodes

[21 10 6 5 14]

Best matching node from voting array

14

Presence of query node in putative nodes

Absent

Node 20 -> query image 10
----

91 features detected!

Checking for matches...

```
node 1 checked!...35 matches found!
node 2 checked!...34 matches found!
node 3 checked!...38 matches found!
node 4 checked!...36 matches found!
node 5 checked!...35 matches found!
```

```
node 6 checked!...32 matches found!
node 7 checked!...28 matches found!
node 8 checked!...35 matches found!
node 9 checked!...31 matches found!
node 10 checked!...37 matches found!
node 11 checked!...35 matches found!
node 12 checked!...37 matches found!
node 13 checked!...36 matches found!
node 14 checked!...31 matches found!
node 15 checked!...28 matches found!
node 16 checked!...32 matches found!
node 17 checked!...33 matches found!
node 18 checked!...36 matches found!
node 19 checked!...34 matches found!
node 20 checked!...37 matches found!
node 21 checked!...38 matches found!
node 22 checked!...35 matches found!
node 23 checked!...37 matches found!
node 24 checked!...33 matches found!
node 25 checked!...31 matches found!
node 26 checked!...33 matches found!
node 27 checked!...36 matches found!
node 28 checked!...32 matches found!
node 29 checked!...36 matches found!
node 30 checked!...33 matches found!
```

Voting array

[35 34 38 36 35 32 28 35 31 37 35 37 36 31 28 32 33 36 34 37 38 35 37 33 31
 33 36 32 36 33]

Putative nodes

[23 12 3 20 21]

Best matching node from voting array

3

Presence of query node in putative nodes

Present

Node 20 -> query image 11
----

39 features detected!

Checking for matches...

```
node 1 checked!...23 matches found!
node 2 checked!...20 matches found!
node 3 checked!...22 matches found!
node 4 checked!...23 matches found!
node 5 checked!...21 matches found!
node 6 checked!...19 matches found!
node 7 checked!...22 matches found!
node 8 checked!...23 matches found!
node 9 checked!...19 matches found!
node 10 checked!...22 matches found!
node 11 checked!...24 matches found!
```

```
node 12 checked!...20 matches found!
node 13 checked!...21 matches found!
node 14 checked!...20 matches found!
node 15 checked!...19 matches found!
node 16 checked!...25 matches found!
node 17 checked!...25 matches found!
node 18 checked!...24 matches found!
node 19 checked!...22 matches found!
node 20 checked!...23 matches found!
node 21 checked!...27 matches found!
node 22 checked!...23 matches found!
node 23 checked!...24 matches found!
node 24 checked!...24 matches found!
node 25 checked!...22 matches found!
node 26 checked!...25 matches found!
node 27 checked!...25 matches found!
node 28 checked!...21 matches found!
node 29 checked!...25 matches found!
node 30 checked!...21 matches found!
```

Voting array

[23 20 22 23 21 19 22 23 19 22 24 20 21 20 19 25 25 24 22 23 27 23 24 24 22
 25 25 21 25 21]

Putative nodes

[16 27 17 21 26]

Best matching node from voting array

21

Presence of query node in putative nodes

Absent

Node 20 -> query image 12
----

90 features detected!

Checking for matches...

```
node 1 checked!...34 matches found!
node 2 checked!...33 matches found!
node 3 checked!...33 matches found!
node 4 checked!...40 matches found!
node 5 checked!...38 matches found!
node 6 checked!...37 matches found!
node 7 checked!...33 matches found!
node 8 checked!...34 matches found!
node 9 checked!...33 matches found!
node 10 checked!...39 matches found!
node 11 checked!...35 matches found!
node 12 checked!...35 matches found!
node 13 checked!...35 matches found!
node 14 checked!...39 matches found!
node 15 checked!...34 matches found!
node 16 checked!...34 matches found!
node 17 checked!...39 matches found!
```

```
node 18 checked!...33 matches found!
node 19 checked!...36 matches found!
node 20 checked!...44 matches found!
node 21 checked!...40 matches found!
node 22 checked!...30 matches found!
node 23 checked!...39 matches found!
node 24 checked!...38 matches found!
node 25 checked!...29 matches found!
node 26 checked!...37 matches found!
node 27 checked!...35 matches found!
node 28 checked!...30 matches found!
node 29 checked!...37 matches found!
node 30 checked!...35 matches found!

Voting array
--------------
[34 33 33 40 38 37 33 34 33 39 35 35 35 39 34 34 39 33 36 44 40 30 39 38 29
 37 35 30 37 35]

Putative nodes
------------
[17 10  4 20 21]

Best matching node from voting array
----------------------------------------
20

Presence of query node in putative nodes
----------------------------------------
Present


Node 20 -> query image 13
-----------------------

92 features detected!

Checking for matches...

node 1 checked!...35 matches found!
node 2 checked!...40 matches found!
node 3 checked!...38 matches found!
node 4 checked!...41 matches found!
node 5 checked!...39 matches found!
node 6 checked!...35 matches found!
node 7 checked!...41 matches found!
node 8 checked!...46 matches found!
node 9 checked!...33 matches found!
node 10 checked!...37 matches found!
node 11 checked!...38 matches found!
node 12 checked!...35 matches found!
node 13 checked!...39 matches found!
node 14 checked!...36 matches found!
node 15 checked!...34 matches found!
node 16 checked!...37 matches found!
node 17 checked!...37 matches found!
node 18 checked!...35 matches found!
node 19 checked!...36 matches found!
node 20 checked!...42 matches found!
node 21 checked!...37 matches found!
node 22 checked!...31 matches found!
node 23 checked!...40 matches found!
```

```
node 24 checked!...35 matches found!
node 25 checked!...37 matches found!
node 26 checked!...38 matches found!
node 27 checked!...37 matches found!
node 28 checked!...36 matches found!
node 29 checked!...34 matches found!
node 30 checked!...36 matches found!

Voting array
--------------
[35 40 38 41 39 35 41 46 33 37 38 35 39 36 34 37 37 35 36 42 37 31 40 35 37
 38 37 36 34 36]

Putative nodes
------------
[23  7  4 20  8]

Best matching node from voting array
----------------------------------------
8

Presence of query node in putative nodes
----------------------------------------
Present


Node 20 -> query image 14
------------------------

75 features detected!

Checking for matches...

node 1 checked!...32 matches found!
node 2 checked!...33 matches found!
node 3 checked!...34 matches found!
node 4 checked!...34 matches found!
node 5 checked!...32 matches found!
node 6 checked!...32 matches found!
node 7 checked!...30 matches found!
node 8 checked!...35 matches found!
node 9 checked!...31 matches found!
node 10 checked!...34 matches found!
node 11 checked!...28 matches found!
node 12 checked!...32 matches found!
node 13 checked!...32 matches found!
node 14 checked!...33 matches found!
node 15 checked!...31 matches found!
node 16 checked!...35 matches found!
node 17 checked!...36 matches found!
node 18 checked!...30 matches found!
node 19 checked!...32 matches found!
node 20 checked!...29 matches found!
node 21 checked!...33 matches found!
node 22 checked!...26 matches found!
node 23 checked!...38 matches found!
node 24 checked!...32 matches found!
node 25 checked!...31 matches found!
node 26 checked!...36 matches found!
node 27 checked!...32 matches found!
node 28 checked!...37 matches found!
node 29 checked!...36 matches found!
```

node 30 checked!...37 matches found!

Voting array

[32 33 34 34 32 32 30 35 31 34 28 32 32 33 31 35 36 30 32 29 33 26 38 32 31
 36 32 37 36 37]

Putative nodes

[29 26 30 28 23]

Best matching node from voting array

23

Presence of query node in putative nodes

Absent

Node 20 -> query image 15
----

78 features detected!

Checking for matches...

node 1 checked!...30 matches found!
node 2 checked!...32 matches found!
node 3 checked!...34 matches found!
node 4 checked!...35 matches found!
node 5 checked!...33 matches found!
node 6 checked!...32 matches found!
node 7 checked!...24 matches found!
node 8 checked!...30 matches found!
node 9 checked!...27 matches found!
node 10 checked!...36 matches found!
node 11 checked!...31 matches found!
node 12 checked!...34 matches found!
node 13 checked!...29 matches found!
node 14 checked!...31 matches found!
node 15 checked!...28 matches found!
node 16 checked!...27 matches found!
node 17 checked!...29 matches found!
node 18 checked!...31 matches found!
node 19 checked!...25 matches found!
node 20 checked!...30 matches found!
node 21 checked!...34 matches found!
node 22 checked!...31 matches found!
node 23 checked!...33 matches found!
node 24 checked!...30 matches found!
node 25 checked!...30 matches found!
node 26 checked!...32 matches found!
node 27 checked!...29 matches found!
node 28 checked!...28 matches found!
node 29 checked!...29 matches found!
node 30 checked!...30 matches found!

Voting array

[30 32 34 35 33 32 24 30 27 36 31 34 29 31 28 27 29 31 25 30 34 31 33 30 30
 32 29 28 29 30]

Putative nodes

[3 12 4 21 10]

Best matching node from voting array

10

Presence of query node in putative nodes

Absent

Node 20 -> query image 16
----

90 features detected!

Checking for matches...

node 1 checked!...38 matches found!
node 2 checked!...33 matches found!
node 3 checked!...34 matches found!
node 4 checked!...41 matches found!
node 5 checked!...35 matches found!
node 6 checked!...34 matches found!
node 7 checked!...33 matches found!
node 8 checked!...36 matches found!
node 9 checked!...33 matches found!
node 10 checked!...34 matches found!
node 11 checked!...33 matches found!
node 12 checked!...39 matches found!
node 13 checked!...36 matches found!
node 14 checked!...37 matches found!
node 15 checked!...33 matches found!
node 16 checked!...37 matches found!
node 17 checked!...39 matches found!
node 18 checked!...38 matches found!
node 19 checked!...38 matches found!
node 20 checked!...42 matches found!
node 21 checked!...43 matches found!
node 22 checked!...34 matches found!
node 23 checked!...37 matches found!
node 24 checked!...39 matches found!
node 25 checked!...29 matches found!
node 26 checked!...39 matches found!
node 27 checked!...35 matches found!
node 28 checked!...33 matches found!
node 29 checked!...34 matches found!
node 30 checked!...38 matches found!

Voting array

[38 33 34 41 35 34 33 36 33 34 33 39 36 37 33 37 39 38 38 42 43 34 37 39 29
 39 35 33 34 38]

Putative nodes

[24 20 26 4 21]

Best matching node from voting array

```
----------------------------------------
21

Presence of query node in putative nodes
----------------------------------------
Present


Node 20 -> query image 17
------------------------

87 features detected!

Checking for matches...

node 1 checked!...38 matches found!
node 2 checked!...34 matches found!
node 3 checked!...37 matches found!
node 4 checked!...42 matches found!
node 5 checked!...40 matches found!
node 6 checked!...32 matches found!
node 7 checked!...37 matches found!
node 8 checked!...35 matches found!
node 9 checked!...31 matches found!
node 10 checked!...35 matches found!
node 11 checked!...35 matches found!
node 12 checked!...36 matches found!
node 13 checked!...33 matches found!
node 14 checked!...34 matches found!
node 15 checked!...30 matches found!
node 16 checked!...37 matches found!
node 17 checked!...37 matches found!
node 18 checked!...32 matches found!
node 19 checked!...36 matches found!
node 20 checked!...42 matches found!
node 21 checked!...40 matches found!
node 22 checked!...36 matches found!
node 23 checked!...38 matches found!
node 24 checked!...36 matches found!
node 25 checked!...34 matches found!
node 26 checked!...39 matches found!
node 27 checked!...38 matches found!
node 28 checked!...37 matches found!
node 29 checked!...32 matches found!
node 30 checked!...35 matches found!

Voting array
--------------
[38 34 37 42 40 32 37 35 31 35 35 36 33 34 30 37 37 32 36 42 40 36 38 36 34
 39 38 37 32 35]

Putative nodes
------------
[26  5 21 20  4]

Best matching node from voting array
----------------------------------------
4

Presence of query node in putative nodes
----------------------------------------
Present
```

Node 20 -> query image 18
----

87 features detected!

Checking for matches...

node 1 checked!...37 matches found!
node 2 checked!...37 matches found!
node 3 checked!...44 matches found!
node 4 checked!...43 matches found!
node 5 checked!...42 matches found!
node 6 checked!...40 matches found!
node 7 checked!...39 matches found!
node 8 checked!...44 matches found!
node 9 checked!...37 matches found!
node 10 checked!...41 matches found!
node 11 checked!...32 matches found!
node 12 checked!...41 matches found!
node 13 checked!...41 matches found!
node 14 checked!...38 matches found!
node 15 checked!...36 matches found!
node 16 checked!...35 matches found!
node 17 checked!...42 matches found!
node 18 checked!...34 matches found!
node 19 checked!...35 matches found!
node 20 checked!...44 matches found!
node 21 checked!...33 matches found!
node 22 checked!...33 matches found!
node 23 checked!...43 matches found!
node 24 checked!...37 matches found!
node 25 checked!...35 matches found!
node 26 checked!...39 matches found!
node 27 checked!...43 matches found!
node 28 checked!...39 matches found!
node 29 checked!...32 matches found!
node 30 checked!...37 matches found!

Voting array

[37 37 44 43 42 40 39 44 37 41 32 41 41 38 36 35 42 34 35 44 33 33 43 37 35
 39 43 39 32 37]

Putative nodes

[23 4 20 3 8]

Best matching node from voting array

3

Presence of query node in putative nodes

Present

Node 20 -> query image 19
----

89 features detected!

Checking for matches...

node 1 checked!...34 matches found!
node 2 checked!...37 matches found!
node 3 checked!...35 matches found!
node 4 checked!...36 matches found!
node 5 checked!...31 matches found!
node 6 checked!...32 matches found!
node 7 checked!...29 matches found!
node 8 checked!...29 matches found!
node 9 checked!...33 matches found!
node 10 checked!...38 matches found!
node 11 checked!...36 matches found!
node 12 checked!...32 matches found!
node 13 checked!...36 matches found!
node 14 checked!...33 matches found!
node 15 checked!...30 matches found!
node 16 checked!...31 matches found!
node 17 checked!...35 matches found!
node 18 checked!...35 matches found!
node 19 checked!...29 matches found!
node 20 checked!...35 matches found!
node 21 checked!...33 matches found!
node 22 checked!...34 matches found!
node 23 checked!...34 matches found!
node 24 checked!...35 matches found!
node 25 checked!...30 matches found!
node 26 checked!...33 matches found!
node 27 checked!...35 matches found!
node 28 checked!...29 matches found!
node 29 checked!...30 matches found!
node 30 checked!...41 matches found!

Voting array

[34 37 35 36 31 32 29 29 33 38 36 32 36 33 30 31 35 35 29 35 33 34 34 35 30
 33 35 29 30 41]

Putative nodes

[4 11 2 10 30]

Best matching node from voting array

30

Presence of query node in putative nodes

Absent

Node 20 -> query image 20
----

86 features detected!

Checking for matches...

node 1 checked!...29 matches found!
node 2 checked!...35 matches found!
node 3 checked!...32 matches found!

```
node 4 checked!...35 matches found!
node 5 checked!...36 matches found!
node 6 checked!...33 matches found!
node 7 checked!...30 matches found!
node 8 checked!...32 matches found!
node 9 checked!...31 matches found!
node 10 checked!...35 matches found!
node 11 checked!...30 matches found!
node 12 checked!...36 matches found!
node 13 checked!...34 matches found!
node 14 checked!...26 matches found!
node 15 checked!...31 matches found!
node 16 checked!...36 matches found!
node 17 checked!...39 matches found!
node 18 checked!...36 matches found!
node 19 checked!...29 matches found!
node 20 checked!...29 matches found!
node 21 checked!...36 matches found!
node 22 checked!...36 matches found!
node 23 checked!...33 matches found!
node 24 checked!...35 matches found!
node 25 checked!...33 matches found!
node 26 checked!...32 matches found!
node 27 checked!...33 matches found!
node 28 checked!...35 matches found!
node 29 checked!...33 matches found!
node 30 checked!...35 matches found!

Voting array
--------------
[29 35 32 35 36 33 30 32 31 35 30 36 34 26 31 36 39 36 29 29 36 36 33 35 33
 32 33 35 33 35]

Putative nodes
------------
[21 16 22 18 17]

Best matching node from voting array
----------------------------------------
17

Presence of query node in putative nodes
----------------------------------------
Absent


Node 20 -> query image 21
------------------------

96 features detected!

Checking for matches...

node 1 checked!...40 matches found!
node 2 checked!...34 matches found!
node 3 checked!...38 matches found!
node 4 checked!...41 matches found!
node 5 checked!...35 matches found!
node 6 checked!...42 matches found!
node 7 checked!...38 matches found!
node 8 checked!...40 matches found!
node 9 checked!...36 matches found!
```

```
node 10 checked!...37 matches found!
node 11 checked!...36 matches found!
node 12 checked!...35 matches found!
node 13 checked!...39 matches found!
node 14 checked!...37 matches found!
node 15 checked!...33 matches found!
node 16 checked!...37 matches found!
node 17 checked!...38 matches found!
node 18 checked!...41 matches found!
node 19 checked!...41 matches found!
node 20 checked!...43 matches found!
node 21 checked!...42 matches found!
node 22 checked!...34 matches found!
node 23 checked!...41 matches found!
node 24 checked!...42 matches found!
node 25 checked!...32 matches found!
node 26 checked!...41 matches found!
node 27 checked!...41 matches found!
node 28 checked!...36 matches found!
node 29 checked!...34 matches found!
node 30 checked!...41 matches found!
```

Voting array

[40 34 38 41 35 42 38 40 36 37 36 35 39 37 33 37 38 41 41 43 42 34 41 42 32
 41 41 36 34 41]

Putative nodes

[23 21 24 6 20]

Best matching node from voting array

20

Presence of query node in putative nodes

Present

Node 20 -> query image 22
----

84 features detected!

Checking for matches...

```
node 1 checked!...38 matches found!
node 2 checked!...32 matches found!
node 3 checked!...38 matches found!
node 4 checked!...42 matches found!
node 5 checked!...35 matches found!
node 6 checked!...34 matches found!
node 7 checked!...33 matches found!
node 8 checked!...36 matches found!
node 9 checked!...32 matches found!
node 10 checked!...38 matches found!
node 11 checked!...33 matches found!
node 12 checked!...34 matches found!
node 13 checked!...37 matches found!
node 14 checked!...32 matches found!
node 15 checked!...26 matches found!
```

```
node 16 checked!...36 matches found!
node 17 checked!...37 matches found!
node 18 checked!...30 matches found!
node 19 checked!...36 matches found!
node 20 checked!...42 matches found!
node 21 checked!...35 matches found!
node 22 checked!...35 matches found!
node 23 checked!...39 matches found!
node 24 checked!...38 matches found!
node 25 checked!...33 matches found!
node 26 checked!...37 matches found!
node 27 checked!...35 matches found!
node 28 checked!...33 matches found!
node 29 checked!...28 matches found!
node 30 checked!...35 matches found!

Voting array
--------------
[38 32 38 42 35 34 33 36 32 38 33 34 37 32 26 36 37 30 36 42 35 35 39 38 33
 37 35 33 28 35]

Putative nodes
------------
[10 24 23 20  4]

Best matching node from voting array
----------------------------------------
4

Presence of query node in putative nodes
----------------------------------------
Present


Node 20 -> query image 23
------------------------

89 features detected!

Checking for matches...

node 1 checked!...36 matches found!
node 2 checked!...38 matches found!
node 3 checked!...38 matches found!
node 4 checked!...40 matches found!
node 5 checked!...35 matches found!
node 6 checked!...36 matches found!
node 7 checked!...34 matches found!
node 8 checked!...39 matches found!
node 9 checked!...32 matches found!
node 10 checked!...35 matches found!
node 11 checked!...34 matches found!
node 12 checked!...39 matches found!
node 13 checked!...33 matches found!
node 14 checked!...36 matches found!
node 15 checked!...32 matches found!
node 16 checked!...33 matches found!
node 17 checked!...41 matches found!
node 18 checked!...35 matches found!
node 19 checked!...37 matches found!
node 20 checked!...44 matches found!
node 21 checked!...34 matches found!
```

```
node 22 checked!...35 matches found!
node 23 checked!...41 matches found!
node 24 checked!...38 matches found!
node 25 checked!...38 matches found!
node 26 checked!...40 matches found!
node 27 checked!...40 matches found!
node 28 checked!...37 matches found!
node 29 checked!...36 matches found!
node 30 checked!...36 matches found!

Voting array
--------------
[36 38 38 40 35 36 34 39 32 35 34 39 33 36 32 33 41 35 37 44 34 35 41 38 38
 40 40 37 36 36]

Putative nodes
------------
[ 4 27 20 17 23]

Best matching node from voting array
----------------------------------------
20

Presence of query node in putative nodes
----------------------------------------
Present


Node 20 -> query image 24
------------------------

94 features detected!

Checking for matches...

node 1 checked!...35 matches found!
node 2 checked!...39 matches found!
node 3 checked!...38 matches found!
node 4 checked!...44 matches found!
node 5 checked!...39 matches found!
node 6 checked!...36 matches found!
node 7 checked!...35 matches found!
node 8 checked!...40 matches found!
node 9 checked!...36 matches found!
node 10 checked!...35 matches found!
node 11 checked!...33 matches found!
node 12 checked!...36 matches found!
node 13 checked!...34 matches found!
node 14 checked!...35 matches found!
node 15 checked!...39 matches found!
node 16 checked!...37 matches found!
node 17 checked!...39 matches found!
node 18 checked!...31 matches found!
node 19 checked!...37 matches found!
node 20 checked!...33 matches found!
node 21 checked!...35 matches found!
node 22 checked!...31 matches found!
node 23 checked!...42 matches found!
node 24 checked!...33 matches found!
node 25 checked!...38 matches found!
node 26 checked!...37 matches found!
node 27 checked!...38 matches found!
```

```
node 28 checked!...42 matches found!
node 29 checked!...36 matches found!
node 30 checked!...40 matches found!

Voting array
--------------
[35 39 38 44 39 36 35 40 36 35 33 36 34 35 39 37 39 31 37 33 35 31 42 33 38
 37 38 42 36 40]

Putative nodes
------------
[ 8 30 28  4 23]

Best matching node from voting array
----------------------------------------
4

Presence of query node in putative nodes
----------------------------------------
Absent


Node 20 -> query image 25
------------------------

97 features detected!

Checking for matches...

node 1 checked!...38 matches found!
node 2 checked!...33 matches found!
node 3 checked!...33 matches found!
node 4 checked!...41 matches found!
node 5 checked!...36 matches found!
node 6 checked!...36 matches found!
node 7 checked!...39 matches found!
node 8 checked!...41 matches found!
node 9 checked!...36 matches found!
node 10 checked!...37 matches found!
node 11 checked!...37 matches found!
node 12 checked!...35 matches found!
node 13 checked!...38 matches found!
node 14 checked!...42 matches found!
node 15 checked!...35 matches found!
node 16 checked!...41 matches found!
node 17 checked!...37 matches found!
node 18 checked!...35 matches found!
node 19 checked!...35 matches found!
node 20 checked!...44 matches found!
node 21 checked!...42 matches found!
node 22 checked!...33 matches found!
node 23 checked!...40 matches found!
node 24 checked!...38 matches found!
node 25 checked!...32 matches found!
node 26 checked!...41 matches found!
node 27 checked!...31 matches found!
node 28 checked!...38 matches found!
node 29 checked!...32 matches found!
node 30 checked!...41 matches found!

Voting array
--------------
```

```
[38 33 33 41 36 36 39 41 36 37 37 35 38 42 35 41 37 35 35 44 42 33 40 38 32
 41 31 38 32 41]
```

Putative nodes

```
[26 16 14 21 20]
```

Best matching node from voting array

20

Presence of query node in putative nodes

Present

Node 20 -> query image 26
----

97 features detected!

Checking for matches...

node 1 checked!...40 matches found!
node 2 checked!...38 matches found!
node 3 checked!...37 matches found!
node 4 checked!...44 matches found!
node 5 checked!...40 matches found!
node 6 checked!...36 matches found!
node 7 checked!...35 matches found!
node 8 checked!...42 matches found!
node 9 checked!...37 matches found!
node 10 checked!...38 matches found!
node 11 checked!...36 matches found!
node 12 checked!...33 matches found!
node 13 checked!...37 matches found!
node 14 checked!...40 matches found!
node 15 checked!...36 matches found!
node 16 checked!...38 matches found!
node 17 checked!...40 matches found!
node 18 checked!...31 matches found!
node 19 checked!...39 matches found!
node 20 checked!...43 matches found!
node 21 checked!...38 matches found!
node 22 checked!...35 matches found!
node 23 checked!...40 matches found!
node 24 checked!...44 matches found!
node 25 checked!...36 matches found!
node 26 checked!...36 matches found!
node 27 checked!...33 matches found!
node 28 checked!...36 matches found!
node 29 checked!...32 matches found!
node 30 checked!...35 matches found!

Voting array

```
[40 38 37 44 40 36 35 42 37 38 36 33 37 40 36 38 40 31 39 43 38 35 40 44 36
 36 33 36 32 35]
```

Putative nodes

```
[23  8  4 20 24]
```

Best matching node from voting array

4

Presence of query node in putative nodes

Present

Node 20 -> query image 27
----

86 features detected!

Checking for matches...

node 1 checked!...38 matches found!
node 2 checked!...33 matches found!
node 3 checked!...41 matches found!
node 4 checked!...42 matches found!
node 5 checked!...37 matches found!
node 6 checked!...34 matches found!
node 7 checked!...39 matches found!
node 8 checked!...39 matches found!
node 9 checked!...37 matches found!
node 10 checked!...38 matches found!
node 11 checked!...32 matches found!
node 12 checked!...41 matches found!
node 13 checked!...38 matches found!
node 14 checked!...39 matches found!
node 15 checked!...33 matches found!
node 16 checked!...36 matches found!
node 17 checked!...41 matches found!
node 18 checked!...34 matches found!
node 19 checked!...35 matches found!
node 20 checked!...45 matches found!
node 21 checked!...31 matches found!
node 22 checked!...35 matches found!
node 23 checked!...43 matches found!
node 24 checked!...38 matches found!
node 25 checked!...36 matches found!
node 26 checked!...38 matches found!
node 27 checked!...38 matches found!
node 28 checked!...37 matches found!
node 29 checked!...34 matches found!
node 30 checked!...35 matches found!

Voting array

[38 33 41 42 37 34 39 39 37 38 32 41 38 39 33 36 41 34 35 45 31 35 43 38 36
 38 38 37 34 35]

Putative nodes

[12 17 4 23 20]

Best matching node from voting array

20

Presence of query node in putative nodes

```
----------------------------------------
Present


Node 20 -> query image 28
-----------------------

81 features detected!

Checking for matches...

node 1 checked!...36 matches found!
node 2 checked!...35 matches found!
node 3 checked!...36 matches found!
node 4 checked!...38 matches found!
node 5 checked!...36 matches found!
node 6 checked!...34 matches found!
node 7 checked!...27 matches found!
node 8 checked!...32 matches found!
node 9 checked!...32 matches found!
node 10 checked!...32 matches found!
node 11 checked!...36 matches found!
node 12 checked!...41 matches found!
node 13 checked!...37 matches found!
node 14 checked!...32 matches found!
node 15 checked!...32 matches found!
node 16 checked!...37 matches found!
node 17 checked!...34 matches found!
node 18 checked!...32 matches found!
node 19 checked!...35 matches found!
node 20 checked!...30 matches found!
node 21 checked!...38 matches found!
node 22 checked!...31 matches found!
node 23 checked!...39 matches found!
node 24 checked!...40 matches found!
node 25 checked!...32 matches found!
node 26 checked!...35 matches found!
node 27 checked!...33 matches found!
node 28 checked!...34 matches found!
node 29 checked!...32 matches found!
node 30 checked!...36 matches found!

Voting array
--------------
[36 35 36 38 36 34 27 32 32 32 36 41 37 32 32 37 34 32 35 30 38 31 39 40 32
 35 33 34 32 36]

Putative nodes
------------
[ 4 21 23 24 12]

Best matching node from voting array
----------------------------------------
12

Presence of query node in putative nodes
----------------------------------------
Absent


Node 20 -> query image 29
-----------------------
```

90 features detected!

Checking for matches...

node 1 checked!...36 matches found!
node 2 checked!...32 matches found!
node 3 checked!...38 matches found!
node 4 checked!...41 matches found!
node 5 checked!...31 matches found!
node 6 checked!...34 matches found!
node 7 checked!...40 matches found!
node 8 checked!...39 matches found!
node 9 checked!...34 matches found!
node 10 checked!...35 matches found!
node 11 checked!...34 matches found!
node 12 checked!...33 matches found!
node 13 checked!...37 matches found!
node 14 checked!...41 matches found!
node 15 checked!...32 matches found!
node 16 checked!...40 matches found!
node 17 checked!...37 matches found!
node 18 checked!...35 matches found!
node 19 checked!...33 matches found!
node 20 checked!...43 matches found!
node 21 checked!...43 matches found!
node 22 checked!...30 matches found!
node 23 checked!...38 matches found!
node 24 checked!...39 matches found!
node 25 checked!...31 matches found!
node 26 checked!...40 matches found!
node 27 checked!...33 matches found!
node 28 checked!...36 matches found!
node 29 checked!...32 matches found!
node 30 checked!...41 matches found!

Voting array

[36 32 38 41 31 34 40 39 34 35 34 33 37 41 32 40 37 35 33 43 43 30 38 39 31
 40 33 36 32 41]

Putative nodes

[14 30 4 20 21]

Best matching node from voting array

20

Presence of query node in putative nodes

Present

Node 20 -> query image 30
----

98 features detected!

Checking for matches...

node 1 checked!...40 matches found!

```
node 2 checked!...39 matches found!
node 3 checked!...40 matches found!
node 4 checked!...45 matches found!
node 5 checked!...39 matches found!
node 6 checked!...39 matches found!
node 7 checked!...36 matches found!
node 8 checked!...42 matches found!
node 9 checked!...40 matches found!
node 10 checked!...39 matches found!
node 11 checked!...36 matches found!
node 12 checked!...37 matches found!
node 13 checked!...42 matches found!
node 14 checked!...39 matches found!
node 15 checked!...36 matches found!
node 16 checked!...41 matches found!
node 17 checked!...40 matches found!
node 18 checked!...30 matches found!
node 19 checked!...38 matches found!
node 20 checked!...46 matches found!
node 21 checked!...41 matches found!
node 22 checked!...35 matches found!
node 23 checked!...42 matches found!
node 24 checked!...47 matches found!
node 25 checked!...38 matches found!
node 26 checked!...40 matches found!
node 27 checked!...37 matches found!
node 28 checked!...38 matches found!
node 29 checked!...34 matches found!
node 30 checked!...38 matches found!

Voting array
--------------
[40 39 40 45 39 39 36 42 40 39 36 37 42 39 36 41 40 30 38 46 41 35 42 47 38
 40 37 38 34 38]

Putative nodes
------------
[ 8 13  4 20 24]

Best matching node from voting array
----------------------------------------
24

Presence of query node in putative nodes
----------------------------------------
Present


Node 20 -> query image 31
------------------------

91 features detected!

Checking for matches...

node 1 checked!...35 matches found!
node 2 checked!...36 matches found!
node 3 checked!...37 matches found!
node 4 checked!...41 matches found!
node 5 checked!...38 matches found!
node 6 checked!...38 matches found!
node 7 checked!...32 matches found!
```

```
node 8 checked!...39 matches found!
node 9 checked!...32 matches found!
node 10 checked!...39 matches found!
node 11 checked!...37 matches found!
node 12 checked!...35 matches found!
node 13 checked!...35 matches found!
node 14 checked!...31 matches found!
node 15 checked!...37 matches found!
node 16 checked!...30 matches found!
node 17 checked!...40 matches found!
node 18 checked!...30 matches found!
node 19 checked!...34 matches found!
node 20 checked!...37 matches found!
node 21 checked!...34 matches found!
node 22 checked!...31 matches found!
node 23 checked!...46 matches found!
node 24 checked!...34 matches found!
node 25 checked!...32 matches found!
node 26 checked!...40 matches found!
node 27 checked!...36 matches found!
node 28 checked!...36 matches found!
node 29 checked!...35 matches found!
node 30 checked!...35 matches found!

Voting array
--------------
[35 36 37 41 38 38 32 39 32 39 37 35 35 31 37 30 40 30 34 37 34 31 46 34 32
 40 36 36 35 35]

Putative nodes
------------
[ 8 26 23 17  4]

Best matching node from voting array
----------------------------------------
23

Presence of query node in putative nodes
----------------------------------------
Absent


Node 20 -> query image 32
------------------------

80 features detected!

Checking for matches...

node 1 checked!...29 matches found!
node 2 checked!...30 matches found!
node 3 checked!...32 matches found!
node 4 checked!...36 matches found!
node 5 checked!...31 matches found!
node 6 checked!...29 matches found!
node 7 checked!...28 matches found!
node 8 checked!...32 matches found!
node 9 checked!...33 matches found!
node 10 checked!...31 matches found!
node 11 checked!...33 matches found!
node 12 checked!...30 matches found!
node 13 checked!...30 matches found!
```

```
node 14 checked!...32 matches found!
node 15 checked!...27 matches found!
node 16 checked!...30 matches found!
node 17 checked!...35 matches found!
node 18 checked!...34 matches found!
node 19 checked!...32 matches found!
node 20 checked!...30 matches found!
node 21 checked!...33 matches found!
node 22 checked!...30 matches found!
node 23 checked!...33 matches found!
node 24 checked!...32 matches found!
node 25 checked!...32 matches found!
node 26 checked!...28 matches found!
node 27 checked!...36 matches found!
node 28 checked!...32 matches found!
node 29 checked!...28 matches found!
node 30 checked!...31 matches found!
```

Voting array

[29 30 32 36 31 29 28 32 33 31 33 30 30 32 27 30 35 34 32 30 33 30 33 32 32
 28 36 32 28 31]

Putative nodes

[21 18 4 17 27]

Best matching node from voting array

4

Presence of query node in putative nodes

Absent

Node 20 -> query image 33
----

0 features detected!

Checking for matches...

```
node 1 checked!...0 matches found!
node 2 checked!...0 matches found!
node 3 checked!...0 matches found!
node 4 checked!...0 matches found!
node 5 checked!...0 matches found!
node 6 checked!...0 matches found!
node 7 checked!...0 matches found!
node 8 checked!...0 matches found!
node 9 checked!...0 matches found!
node 10 checked!...0 matches found!
node 11 checked!...0 matches found!
node 12 checked!...0 matches found!
node 13 checked!...0 matches found!
node 14 checked!...0 matches found!
node 15 checked!...0 matches found!
node 16 checked!...0 matches found!
node 17 checked!...0 matches found!
node 18 checked!...0 matches found!
node 19 checked!...0 matches found!
```

```
node 20 checked!...0 matches found!
node 21 checked!...0 matches found!
node 22 checked!...0 matches found!
node 23 checked!...0 matches found!
node 24 checked!...0 matches found!
node 25 checked!...0 matches found!
node 26 checked!...0 matches found!
node 27 checked!...0 matches found!
node 28 checked!...0 matches found!
node 29 checked!...0 matches found!
node 30 checked!...0 matches found!

Voting array
--------------
[0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0]

Unable to predict a matching node and putative nodes!

Node 20 -> query image 34
------------------------

91 features detected!

Checking for matches...

node 1 checked!...37 matches found!
node 2 checked!...39 matches found!
node 3 checked!...37 matches found!
node 4 checked!...45 matches found!
node 5 checked!...39 matches found!
node 6 checked!...36 matches found!
node 7 checked!...35 matches found!
node 8 checked!...40 matches found!
node 9 checked!...35 matches found!
node 10 checked!...40 matches found!
node 11 checked!...38 matches found!
node 12 checked!...38 matches found!
node 13 checked!...39 matches found!
node 14 checked!...39 matches found!
node 15 checked!...35 matches found!
node 16 checked!...38 matches found!
node 17 checked!...40 matches found!
node 18 checked!...37 matches found!
node 19 checked!...39 matches found!
node 20 checked!...36 matches found!
node 21 checked!...41 matches found!
node 22 checked!...30 matches found!
node 23 checked!...40 matches found!
node 24 checked!...41 matches found!
node 25 checked!...32 matches found!
node 26 checked!...42 matches found!
node 27 checked!...38 matches found!
node 28 checked!...37 matches found!
node 29 checked!...32 matches found!
node 30 checked!...38 matches found!

Voting array
--------------
[37 39 37 45 39 36 35 40 35 40 38 38 39 39 35 38 40 37 39 36 41 30 40 41 32
 42 38 37 32 38]

Putative nodes
```

```
------------
[ 8 24  4 26 21]
```

Best matching node from voting array

4

Presence of query node in putative nodes

Absent

Node 20 -> query image 35
----

71 features detected!

Checking for matches...

```
node 1 checked!...25 matches found!
node 2 checked!...31 matches found!
node 3 checked!...30 matches found!
node 4 checked!...36 matches found!
node 5 checked!...32 matches found!
node 6 checked!...30 matches found!
node 7 checked!...25 matches found!
node 8 checked!...35 matches found!
node 9 checked!...27 matches found!
node 10 checked!...25 matches found!
node 11 checked!...27 matches found!
node 12 checked!...27 matches found!
node 13 checked!...32 matches found!
node 14 checked!...31 matches found!
node 15 checked!...28 matches found!
node 16 checked!...37 matches found!
node 17 checked!...34 matches found!
node 18 checked!...32 matches found!
node 19 checked!...34 matches found!
node 20 checked!...28 matches found!
node 21 checked!...33 matches found!
node 22 checked!...31 matches found!
node 23 checked!...37 matches found!
node 24 checked!...34 matches found!
node 25 checked!...28 matches found!
node 26 checked!...36 matches found!
node 27 checked!...37 matches found!
node 28 checked!...30 matches found!
node 29 checked!...36 matches found!
node 30 checked!...31 matches found!
```

Voting array

```
[25 31 30 36 32 30 25 35 27 25 27 27 32 31 28 37 34 32 34 28 33 31 37 34 28
 36 37 30 36 31]
```

Putative nodes

```
[29 26 23 16 27]
```

Best matching node from voting array

16

Presence of query node in putative nodes

Absent

Node 20 -> query image 36
----

54 features detected!

Checking for matches...

node 1 checked!...27 matches found!
node 2 checked!...27 matches found!
node 3 checked!...33 matches found!
node 4 checked!...30 matches found!
node 5 checked!...28 matches found!
node 6 checked!...28 matches found!
node 7 checked!...26 matches found!
node 8 checked!...31 matches found!
node 9 checked!...27 matches found!
node 10 checked!...27 matches found!
node 11 checked!...27 matches found!
node 12 checked!...27 matches found!
node 13 checked!...29 matches found!
node 14 checked!...30 matches found!
node 15 checked!...27 matches found!
node 16 checked!...33 matches found!
node 17 checked!...31 matches found!
node 18 checked!...29 matches found!
node 19 checked!...28 matches found!
node 20 checked!...28 matches found!
node 21 checked!...33 matches found!
node 22 checked!...28 matches found!
node 23 checked!...30 matches found!
node 24 checked!...27 matches found!
node 25 checked!...26 matches found!
node 26 checked!...30 matches found!
node 27 checked!...30 matches found!
node 28 checked!...28 matches found!
node 29 checked!...26 matches found!
node 30 checked!...28 matches found!

Voting array

[27 27 33 30 28 28 26 31 27 27 27 27 29 30 27 33 31 29 28 28 33 28 30 27 26
 30 30 28 26 28]

Putative nodes

[8 21 16 3 17]

Best matching node from voting array

3

Presence of query node in putative nodes

Absent

Node 20 -> query image 37
----

67 features detected!

Checking for matches...

node 1 checked!...30 matches found!
node 2 checked!...31 matches found!
node 3 checked!...33 matches found!
node 4 checked!...35 matches found!
node 5 checked!...34 matches found!
node 6 checked!...30 matches found!
node 7 checked!...29 matches found!
node 8 checked!...30 matches found!
node 9 checked!...24 matches found!
node 10 checked!...29 matches found!
node 11 checked!...33 matches found!
node 12 checked!...28 matches found!
node 13 checked!...34 matches found!
node 14 checked!...29 matches found!
node 15 checked!...28 matches found!
node 16 checked!...36 matches found!
node 17 checked!...34 matches found!
node 18 checked!...30 matches found!
node 19 checked!...28 matches found!
node 20 checked!...30 matches found!
node 21 checked!...35 matches found!
node 22 checked!...31 matches found!
node 23 checked!...29 matches found!
node 24 checked!...29 matches found!
node 25 checked!...34 matches found!
node 26 checked!...34 matches found!
node 27 checked!...31 matches found!
node 28 checked!...31 matches found!
node 29 checked!...31 matches found!
node 30 checked!...31 matches found!

Voting array

[30 31 33 35 34 30 29 30 24 29 33 28 34 29 28 36 34 30 28 30 35 31 29 29 34
 34 31 31 31 31]

Putative nodes

[5 17 4 16 21]

Best matching node from voting array

16

Presence of query node in putative nodes

Absent

Node 20 -> query image 38
----

0 features detected!

Checking for matches...

```
node 1 checked!...0 matches found!
node 2 checked!...0 matches found!
node 3 checked!...0 matches found!
node 4 checked!...0 matches found!
node 5 checked!...0 matches found!
node 6 checked!...0 matches found!
node 7 checked!...0 matches found!
node 8 checked!...0 matches found!
node 9 checked!...0 matches found!
node 10 checked!...0 matches found!
node 11 checked!...0 matches found!
node 12 checked!...0 matches found!
node 13 checked!...0 matches found!
node 14 checked!...0 matches found!
node 15 checked!...0 matches found!
node 16 checked!...0 matches found!
node 17 checked!...0 matches found!
node 18 checked!...0 matches found!
node 19 checked!...0 matches found!
node 20 checked!...0 matches found!
node 21 checked!...0 matches found!
node 22 checked!...0 matches found!
node 23 checked!...0 matches found!
node 24 checked!...0 matches found!
node 25 checked!...0 matches found!
node 26 checked!...0 matches found!
node 27 checked!...0 matches found!
node 28 checked!...0 matches found!
node 29 checked!...0 matches found!
node 30 checked!...0 matches found!

Voting array
--------------
[0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0]

Unable to predict a matching node and putative nodes!

Node 20 -> query image 39
------------------------

67 features detected!

Checking for matches...

node 1 checked!...30 matches found!
node 2 checked!...29 matches found!
node 3 checked!...27 matches found!
node 4 checked!...33 matches found!
node 5 checked!...30 matches found!
node 6 checked!...27 matches found!
node 7 checked!...26 matches found!
node 8 checked!...31 matches found!
node 9 checked!...28 matches found!
node 10 checked!...32 matches found!
node 11 checked!...33 matches found!
node 12 checked!...31 matches found!
node 13 checked!...33 matches found!
node 14 checked!...33 matches found!
node 15 checked!...29 matches found!
node 16 checked!...32 matches found!
node 17 checked!...33 matches found!
```

```
node 18 checked!...28 matches found!
node 19 checked!...32 matches found!
node 20 checked!...33 matches found!
node 21 checked!...32 matches found!
node 22 checked!...27 matches found!
node 23 checked!...31 matches found!
node 24 checked!...32 matches found!
node 25 checked!...24 matches found!
node 26 checked!...32 matches found!
node 27 checked!...29 matches found!
node 28 checked!...26 matches found!
node 29 checked!...28 matches found!
node 30 checked!...27 matches found!

Voting array
--------------
[30 29 27 33 30 27 26 31 28 32 33 31 33 33 29 32 33 28 32 33 32 27 31 32 24
 32 29 26 28 27]

Putative nodes
------------
[14 13 20 17 11]

Best matching node from voting array
----------------------------------------
4

Presence of query node in putative nodes
----------------------------------------
Present


Node 20 -> query image 40
------------------------

80 features detected!

Checking for matches...

node 1 checked!...35 matches found!
node 2 checked!...37 matches found!
node 3 checked!...36 matches found!
node 4 checked!...37 matches found!
node 5 checked!...40 matches found!
node 6 checked!...35 matches found!
node 7 checked!...37 matches found!
node 8 checked!...38 matches found!
node 9 checked!...31 matches found!
node 10 checked!...38 matches found!
node 11 checked!...40 matches found!
node 12 checked!...38 matches found!
node 13 checked!...39 matches found!
node 14 checked!...38 matches found!
node 15 checked!...35 matches found!
node 16 checked!...39 matches found!
node 17 checked!...38 matches found!
node 18 checked!...32 matches found!
node 19 checked!...35 matches found!
node 20 checked!...44 matches found!
node 21 checked!...36 matches found!
node 22 checked!...33 matches found!
node 23 checked!...42 matches found!
```

```
node 24 checked!...40 matches found!
node 25 checked!...36 matches found!
node 26 checked!...39 matches found!
node 27 checked!...37 matches found!
node 28 checked!...36 matches found!
node 29 checked!...39 matches found!
node 30 checked!...38 matches found!

Voting array
--------------
[35 37 36 37 40 35 37 38 31 38 40 38 39 38 35 39 38 32 35 44 36 33 42 40 36
 39 37 36 39 38]

Putative nodes
------------
[24 11 23 20  5]

Best matching node from voting array
----------------------------------------
20

Presence of query node in putative nodes
----------------------------------------
Present


 Node 20 testing completed!


Node 21 -> query image 1
------------------------

0 features detected!

Checking for matches...

node 1 checked!...0 matches found!
node 2 checked!...0 matches found!
node 3 checked!...0 matches found!
node 4 checked!...0 matches found!
node 5 checked!...0 matches found!
node 6 checked!...0 matches found!
node 7 checked!...0 matches found!
node 8 checked!...0 matches found!
node 9 checked!...0 matches found!
node 10 checked!...0 matches found!
node 11 checked!...0 matches found!
node 12 checked!...0 matches found!
node 13 checked!...0 matches found!
node 14 checked!...0 matches found!
node 15 checked!...0 matches found!
node 16 checked!...0 matches found!
node 17 checked!...0 matches found!
node 18 checked!...0 matches found!
node 19 checked!...0 matches found!
node 20 checked!...0 matches found!
node 21 checked!...0 matches found!
node 22 checked!...0 matches found!
node 23 checked!...0 matches found!
node 24 checked!...0 matches found!
node 25 checked!...0 matches found!
node 26 checked!...0 matches found!
```

```
node 27 checked!...0 matches found!
node 28 checked!...0 matches found!
node 29 checked!...0 matches found!
node 30 checked!...0 matches found!

Voting array
--------------
[0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0]

Unable to predict a matching node and putative nodes!

Node 21 -> query image 2
------------------------

57 features detected!

Checking for matches...

node 1 checked!...25 matches found!
node 2 checked!...22 matches found!
node 3 checked!...26 matches found!
node 4 checked!...32 matches found!
node 5 checked!...29 matches found!
node 6 checked!...28 matches found!
node 7 checked!...26 matches found!
node 8 checked!...28 matches found!
node 9 checked!...21 matches found!
node 10 checked!...26 matches found!
node 11 checked!...29 matches found!
node 12 checked!...27 matches found!
node 13 checked!...25 matches found!
node 14 checked!...24 matches found!
node 15 checked!...21 matches found!
node 16 checked!...28 matches found!
node 17 checked!...32 matches found!
node 18 checked!...31 matches found!
node 19 checked!...19 matches found!
node 20 checked!...23 matches found!
node 21 checked!...29 matches found!
node 22 checked!...27 matches found!
node 23 checked!...30 matches found!
node 24 checked!...28 matches found!
node 25 checked!...27 matches found!
node 26 checked!...28 matches found!
node 27 checked!...24 matches found!
node 28 checked!...27 matches found!
node 29 checked!...31 matches found!
node 30 checked!...32 matches found!

Voting array
--------------
[25 22 26 32 29 28 26 28 21 26 29 27 25 24 21 28 32 31 19 23 29 27 30 28 27
 28 24 27 31 32]

Putative nodes
------------
[29 18  4 17 30]

Best matching node from voting array
---------------------------------------
4
```

Presence of query node in putative nodes

Absent

Node 21 -> query image 3
----

45 features detected!

Checking for matches...

node 1 checked!...26 matches found!
node 2 checked!...24 matches found!
node 3 checked!...30 matches found!
node 4 checked!...28 matches found!
node 5 checked!...26 matches found!
node 6 checked!...25 matches found!
node 7 checked!...24 matches found!
node 8 checked!...24 matches found!
node 9 checked!...24 matches found!
node 10 checked!...25 matches found!
node 11 checked!...26 matches found!
node 12 checked!...30 matches found!
node 13 checked!...27 matches found!
node 14 checked!...27 matches found!
node 15 checked!...27 matches found!
node 16 checked!...30 matches found!
node 17 checked!...28 matches found!
node 18 checked!...24 matches found!
node 19 checked!...20 matches found!
node 20 checked!...27 matches found!
node 21 checked!...29 matches found!
node 22 checked!...26 matches found!
node 23 checked!...29 matches found!
node 24 checked!...30 matches found!
node 25 checked!...27 matches found!
node 26 checked!...26 matches found!
node 27 checked!...22 matches found!
node 28 checked!...25 matches found!
node 29 checked!...23 matches found!
node 30 checked!...25 matches found!

Voting array

[26 24 30 28 26 25 24 24 24 25 26 30 27 27 27 30 28 24 20 27 29 26 29 30 27
 26 22 25 23 25]

Putative nodes

[21 3 24 12 16]

Best matching node from voting array

3

Presence of query node in putative nodes

Present

Node 21 -> query image 4

----

47 features detected!

Checking for matches...

node 1 checked!...26 matches found!
node 2 checked!...24 matches found!
node 3 checked!...25 matches found!
node 4 checked!...25 matches found!
node 5 checked!...29 matches found!
node 6 checked!...22 matches found!
node 7 checked!...24 matches found!
node 8 checked!...25 matches found!
node 9 checked!...19 matches found!
node 10 checked!...25 matches found!
node 11 checked!...24 matches found!
node 12 checked!...23 matches found!
node 13 checked!...22 matches found!
node 14 checked!...26 matches found!
node 15 checked!...21 matches found!
node 16 checked!...26 matches found!
node 17 checked!...25 matches found!
node 18 checked!...23 matches found!
node 19 checked!...21 matches found!
node 20 checked!...29 matches found!
node 21 checked!...25 matches found!
node 22 checked!...24 matches found!
node 23 checked!...31 matches found!
node 24 checked!...24 matches found!
node 25 checked!...26 matches found!
node 26 checked!...25 matches found!
node 27 checked!...24 matches found!
node 28 checked!...24 matches found!
node 29 checked!...22 matches found!
node 30 checked!...24 matches found!

Voting array

[26 24 25 25 29 22 24 25 19 25 24 23 22 26 21 26 25 23 21 29 25 24 31 24 26
 25 24 24 22 24]

Putative nodes

[16 1 5 20 23]

Best matching node from voting array

23

Presence of query node in putative nodes

Absent

Node 21 -> query image 5
----

67 features detected!

Checking for matches...

```
node 1 checked!...29 matches found!
node 2 checked!...32 matches found!
node 3 checked!...30 matches found!
node 4 checked!...35 matches found!
node 5 checked!...32 matches found!
node 6 checked!...27 matches found!
node 7 checked!...31 matches found!
node 8 checked!...29 matches found!
node 9 checked!...21 matches found!
node 10 checked!...30 matches found!
node 11 checked!...29 matches found!
node 12 checked!...23 matches found!
node 13 checked!...30 matches found!
node 14 checked!...29 matches found!
node 15 checked!...24 matches found!
node 16 checked!...32 matches found!
node 17 checked!...32 matches found!
node 18 checked!...31 matches found!
node 19 checked!...27 matches found!
node 20 checked!...33 matches found!
node 21 checked!...32 matches found!
node 22 checked!...28 matches found!
node 23 checked!...33 matches found!
node 24 checked!...29 matches found!
node 25 checked!...28 matches found!
node 26 checked!...33 matches found!
node 27 checked!...28 matches found!
node 28 checked!...28 matches found!
node 29 checked!...28 matches found!
node 30 checked!...29 matches found!

Voting array
--------------
[29 32 30 35 32 27 31 29 21 30 29 23 30 29 24 32 32 31 27 33 32 28 33 29 28
 33 28 28 28 29]

Putative nodes
------------
[21 26 23 20  4]

Best matching node from voting array
----------------------------------------
4

Presence of query node in putative nodes
----------------------------------------
Present


Node 21 -> query image 6
------------------------

0 features detected!

Checking for matches...

node 1 checked!...0 matches found!
node 2 checked!...0 matches found!
node 3 checked!...0 matches found!
node 4 checked!...0 matches found!
node 5 checked!...0 matches found!
node 6 checked!...0 matches found!
```

```
node 7 checked!...0 matches found!
node 8 checked!...0 matches found!
node 9 checked!...0 matches found!
node 10 checked!...0 matches found!
node 11 checked!...0 matches found!
node 12 checked!...0 matches found!
node 13 checked!...0 matches found!
node 14 checked!...0 matches found!
node 15 checked!...0 matches found!
node 16 checked!...0 matches found!
node 17 checked!...0 matches found!
node 18 checked!...0 matches found!
node 19 checked!...0 matches found!
node 20 checked!...0 matches found!
node 21 checked!...0 matches found!
node 22 checked!...0 matches found!
node 23 checked!...0 matches found!
node 24 checked!...0 matches found!
node 25 checked!...0 matches found!
node 26 checked!...0 matches found!
node 27 checked!...0 matches found!
node 28 checked!...0 matches found!
node 29 checked!...0 matches found!
node 30 checked!...0 matches found!

Voting array
--------------
[0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0]

Unable to predict a matching node and putative nodes!

Node 21 -> query image 7
-----------------------

89 features detected!

Checking for matches...

node 1 checked!...32 matches found!
node 2 checked!...40 matches found!
node 3 checked!...39 matches found!
node 4 checked!...42 matches found!
node 5 checked!...42 matches found!
node 6 checked!...37 matches found!
node 7 checked!...33 matches found!
node 8 checked!...38 matches found!
node 9 checked!...30 matches found!
node 10 checked!...38 matches found!
node 11 checked!...39 matches found!
node 12 checked!...34 matches found!
node 13 checked!...35 matches found!
node 14 checked!...37 matches found!
node 15 checked!...32 matches found!
node 16 checked!...41 matches found!
node 17 checked!...44 matches found!
node 18 checked!...35 matches found!
node 19 checked!...33 matches found!
node 20 checked!...34 matches found!
node 21 checked!...43 matches found!
node 22 checked!...32 matches found!
node 23 checked!...41 matches found!
node 24 checked!...37 matches found!
```

```
node 25 checked!...38 matches found!
node 26 checked!...41 matches found!
node 27 checked!...32 matches found!
node 28 checked!...39 matches found!
node 29 checked!...34 matches found!
node 30 checked!...38 matches found!

Voting array
--------------
[32 40 39 42 42 37 33 38 30 38 39 34 35 37 32 41 44 35 33 34 43 32 41 37 38
 41 32 39 34 38]

Putative nodes
------------
[26  5 21 17  4]

Best matching node from voting array
-------------------------------------
17

Presence of query node in putative nodes
-------------------------------------
Present


Node 21 -> query image 8
------------------------

79 features detected!

Checking for matches...

node 1 checked!...35 matches found!
node 2 checked!...30 matches found!
node 3 checked!...35 matches found!
node 4 checked!...38 matches found!
node 5 checked!...38 matches found!
node 6 checked!...31 matches found!
node 7 checked!...32 matches found!
node 8 checked!...38 matches found!
node 9 checked!...32 matches found!
node 10 checked!...33 matches found!
node 11 checked!...35 matches found!
node 12 checked!...33 matches found!
node 13 checked!...35 matches found!
node 14 checked!...35 matches found!
node 15 checked!...35 matches found!
node 16 checked!...34 matches found!
node 17 checked!...41 matches found!
node 18 checked!...35 matches found!
node 19 checked!...34 matches found!
node 20 checked!...34 matches found!
node 21 checked!...35 matches found!
node 22 checked!...31 matches found!
node 23 checked!...40 matches found!
node 24 checked!...35 matches found!
node 25 checked!...35 matches found!
node 26 checked!...36 matches found!
node 27 checked!...38 matches found!
node 28 checked!...35 matches found!
node 29 checked!...39 matches found!
node 30 checked!...32 matches found!
```

Voting array

[35 30 35 38 38 31 32 38 32 33 35 33 35 35 35 34 41 35 34 34 35 31 40 35 35
 36 38 35 39 32]

Putative nodes

[8 4 23 29 17]

Best matching node from voting array

17

Presence of query node in putative nodes

Absent

Node 21 -> query image 9
----

72 features detected!

Checking for matches...

node 1 checked!...27 matches found!
node 2 checked!...35 matches found!
node 3 checked!...31 matches found!
node 4 checked!...37 matches found!
node 5 checked!...35 matches found!
node 6 checked!...29 matches found!
node 7 checked!...27 matches found!
node 8 checked!...28 matches found!
node 9 checked!...28 matches found!
node 10 checked!...34 matches found!
node 11 checked!...40 matches found!
node 12 checked!...31 matches found!
node 13 checked!...31 matches found!
node 14 checked!...33 matches found!
node 15 checked!...30 matches found!
node 16 checked!...33 matches found!
node 17 checked!...39 matches found!
node 18 checked!...32 matches found!
node 19 checked!...32 matches found!
node 20 checked!...32 matches found!
node 21 checked!...37 matches found!
node 22 checked!...32 matches found!
node 23 checked!...34 matches found!
node 24 checked!...33 matches found!
node 25 checked!...33 matches found!
node 26 checked!...31 matches found!
node 27 checked!...32 matches found!
node 28 checked!...34 matches found!
node 29 checked!...33 matches found!
node 30 checked!...34 matches found!

Voting array

[27 35 31 37 35 29 27 28 28 34 40 31 31 33 30 33 39 32 32 32 37 32 34 33 33
 31 32 34 33 34]

Putative nodes

[5 4 11 17 21]

Best matching node from voting array

11

Presence of query node in putative nodes

Present

Node 21 -> query image 10
----

74 features detected!

Checking for matches...

node 1 checked!...31 matches found!
node 2 checked!...31 matches found!
node 3 checked!...36 matches found!
node 4 checked!...38 matches found!
node 5 checked!...34 matches found!
node 6 checked!...32 matches found!
node 7 checked!...38 matches found!
node 8 checked!...37 matches found!
node 9 checked!...32 matches found!
node 10 checked!...34 matches found!
node 11 checked!...35 matches found!
node 12 checked!...26 matches found!
node 13 checked!...36 matches found!
node 14 checked!...32 matches found!
node 15 checked!...31 matches found!
node 16 checked!...35 matches found!
node 17 checked!...36 matches found!
node 18 checked!...27 matches found!
node 19 checked!...34 matches found!
node 20 checked!...32 matches found!
node 21 checked!...38 matches found!
node 22 checked!...27 matches found!
node 23 checked!...37 matches found!
node 24 checked!...36 matches found!
node 25 checked!...36 matches found!
node 26 checked!...38 matches found!
node 27 checked!...34 matches found!
node 28 checked!...40 matches found!
node 29 checked!...34 matches found!
node 30 checked!...33 matches found!

Voting array

[31 31 36 38 34 32 38 37 32 34 35 26 36 32 31 35 36 27 34 32 38 27 37 36 36
 38 34 40 34 33]

Putative nodes

[7 26 28 21 4]

Best matching node from voting array

28

Presence of query node in putative nodes

Present

Node 21 -> query image 11
----

63 features detected!

Checking for matches...

node 1 checked!...31 matches found!
node 2 checked!...31 matches found!
node 3 checked!...29 matches found!
node 4 checked!...35 matches found!
node 5 checked!...33 matches found!
node 6 checked!...26 matches found!
node 7 checked!...28 matches found!
node 8 checked!...28 matches found!
node 9 checked!...26 matches found!
node 10 checked!...27 matches found!
node 11 checked!...31 matches found!
node 12 checked!...28 matches found!
node 13 checked!...29 matches found!
node 14 checked!...28 matches found!
node 15 checked!...28 matches found!
node 16 checked!...31 matches found!
node 17 checked!...32 matches found!
node 18 checked!...27 matches found!
node 19 checked!...29 matches found!
node 20 checked!...27 matches found!
node 21 checked!...34 matches found!
node 22 checked!...26 matches found!
node 23 checked!...33 matches found!
node 24 checked!...33 matches found!
node 25 checked!...29 matches found!
node 26 checked!...33 matches found!
node 27 checked!...28 matches found!
node 28 checked!...34 matches found!
node 29 checked!...31 matches found!
node 30 checked!...33 matches found!

Voting array

[31 31 29 35 33 26 28 28 26 27 31 28 29 28 28 31 32 27 29 27 34 26 33 33 29
 33 28 34 31 33]

Putative nodes

[30 23 21 4 28]

Best matching node from voting array

4

Presence of query node in putative nodes

Present

Node 21 -> query image 12
----

94 features detected!

Checking for matches...

node 1 checked!...36 matches found!
node 2 checked!...39 matches found!
node 3 checked!...43 matches found!
node 4 checked!...42 matches found!
node 5 checked!...41 matches found!
node 6 checked!...37 matches found!
node 7 checked!...33 matches found!
node 8 checked!...40 matches found!
node 9 checked!...33 matches found!
node 10 checked!...41 matches found!
node 11 checked!...41 matches found!
node 12 checked!...39 matches found!
node 13 checked!...37 matches found!
node 14 checked!...35 matches found!
node 15 checked!...35 matches found!
node 16 checked!...40 matches found!
node 17 checked!...40 matches found!
node 18 checked!...36 matches found!
node 19 checked!...34 matches found!
node 20 checked!...36 matches found!
node 21 checked!...45 matches found!
node 22 checked!...35 matches found!
node 23 checked!...41 matches found!
node 24 checked!...39 matches found!
node 25 checked!...40 matches found!
node 26 checked!...43 matches found!
node 27 checked!...33 matches found!
node 28 checked!...39 matches found!
node 29 checked!...33 matches found!
node 30 checked!...39 matches found!

Voting array

[36 39 43 42 41 37 33 40 33 41 41 39 37 35 35 40 40 36 34 36 45 35 41 39 40
 43 33 39 33 39]

Putative nodes

[23 4 26 3 21]

Best matching node from voting array

21

Presence of query node in putative nodes

Present

Node 21 -> query image 13
----

54 features detected!

Checking for matches...

node 1 checked!...29 matches found!
node 2 checked!...27 matches found!
node 3 checked!...28 matches found!
node 4 checked!...35 matches found!
node 5 checked!...33 matches found!
node 6 checked!...27 matches found!
node 7 checked!...23 matches found!
node 8 checked!...31 matches found!
node 9 checked!...26 matches found!
node 10 checked!...27 matches found!
node 11 checked!...31 matches found!
node 12 checked!...29 matches found!
node 13 checked!...29 matches found!
node 14 checked!...30 matches found!
node 15 checked!...28 matches found!
node 16 checked!...29 matches found!
node 17 checked!...29 matches found!
node 18 checked!...30 matches found!
node 19 checked!...31 matches found!
node 20 checked!...27 matches found!
node 21 checked!...30 matches found!
node 22 checked!...31 matches found!
node 23 checked!...33 matches found!
node 24 checked!...31 matches found!
node 25 checked!...29 matches found!
node 26 checked!...29 matches found!
node 27 checked!...36 matches found!
node 28 checked!...33 matches found!
node 29 checked!...31 matches found!
node 30 checked!...32 matches found!

Voting array

[29 27 28 35 33 27 23 31 26 27 31 29 29 30 28 29 29 30 31 27 30 31 33 31 29
 29 36 33 31 32]

Putative nodes

[5 28 23 27 4]

Best matching node from voting array

27

Presence of query node in putative nodes

Absent

Node 21 -> query image 14
----

72 features detected!

Checking for matches...

node 1 checked!...33 matches found!
node 2 checked!...32 matches found!
node 3 checked!...33 matches found!
node 4 checked!...36 matches found!

```
node 5 checked!...37 matches found!
node 6 checked!...31 matches found!
node 7 checked!...28 matches found!
node 8 checked!...30 matches found!
node 9 checked!...27 matches found!
node 10 checked!...34 matches found!
node 11 checked!...36 matches found!
node 12 checked!...30 matches found!
node 13 checked!...34 matches found!
node 14 checked!...28 matches found!
node 15 checked!...35 matches found!
node 16 checked!...34 matches found!
node 17 checked!...32 matches found!
node 18 checked!...32 matches found!
node 19 checked!...32 matches found!
node 20 checked!...34 matches found!
node 21 checked!...38 matches found!
node 22 checked!...29 matches found!
node 23 checked!...31 matches found!
node 24 checked!...30 matches found!
node 25 checked!...33 matches found!
node 26 checked!...32 matches found!
node 27 checked!...36 matches found!
node 28 checked!...30 matches found!
node 29 checked!...34 matches found!
node 30 checked!...36 matches found!
```

Voting array

[33 32 33 36 37 31 28 30 27 34 36 30 34 28 35 34 32 32 32 34 38 29 31 30 33
 32 36 30 34 36]

Putative nodes

[27 30 5 11 21]

Best matching node from voting array

21

Presence of query node in putative nodes

Present

Node 21 -> query image 15
----

86 features detected!

Checking for matches...

```
node 1 checked!...30 matches found!
node 2 checked!...31 matches found!
node 3 checked!...30 matches found!
node 4 checked!...36 matches found!
node 5 checked!...28 matches found!
node 6 checked!...26 matches found!
node 7 checked!...28 matches found!
node 8 checked!...31 matches found!
node 9 checked!...27 matches found!
node 10 checked!...27 matches found!
```

```
node 11 checked!...31 matches found!
node 12 checked!...28 matches found!
node 13 checked!...30 matches found!
node 14 checked!...31 matches found!
node 15 checked!...25 matches found!
node 16 checked!...32 matches found!
node 17 checked!...31 matches found!
node 18 checked!...29 matches found!
node 19 checked!...27 matches found!
node 20 checked!...26 matches found!
node 21 checked!...38 matches found!
node 22 checked!...30 matches found!
node 23 checked!...30 matches found!
node 24 checked!...29 matches found!
node 25 checked!...30 matches found!
node 26 checked!...36 matches found!
node 27 checked!...32 matches found!
node 28 checked!...31 matches found!
node 29 checked!...26 matches found!
node 30 checked!...32 matches found!
```

Voting array

```
[30 31 30 36 28 26 28 31 27 27 31 28 30 31 25 32 31 29 27 26 38 30 30 29 30
 36 32 31 26 32]
```

Putative nodes

```
[16 27 21  4 26]
```

Best matching node from voting array

21

Presence of query node in putative nodes

Present

Node 21 -> query image 16
----

91 features detected!

Checking for matches...

```
node 1 checked!...35 matches found!
node 2 checked!...32 matches found!
node 3 checked!...34 matches found!
node 4 checked!...33 matches found!
node 5 checked!...34 matches found!
node 6 checked!...24 matches found!
node 7 checked!...33 matches found!
node 8 checked!...34 matches found!
node 9 checked!...29 matches found!
node 10 checked!...34 matches found!
node 11 checked!...38 matches found!
node 12 checked!...31 matches found!
node 13 checked!...33 matches found!
node 14 checked!...33 matches found!
node 15 checked!...34 matches found!
node 16 checked!...33 matches found!
```

```
node 17 checked!...39 matches found!
node 18 checked!...34 matches found!
node 19 checked!...32 matches found!
node 20 checked!...30 matches found!
node 21 checked!...45 matches found!
node 22 checked!...31 matches found!
node 23 checked!...34 matches found!
node 24 checked!...37 matches found!
node 25 checked!...31 matches found!
node 26 checked!...37 matches found!
node 27 checked!...35 matches found!
node 28 checked!...33 matches found!
node 29 checked!...29 matches found!
node 30 checked!...38 matches found!


Voting array
--------------
[35 32 34 33 34 24 33 34 29 34 38 31 33 33 34 33 39 34 32 30 45 31 34 37 31
 37 35 33 29 38]

Putative nodes
------------
[26 11 30 17 21]

Best matching node from voting array
----------------------------------------
21

Presence of query node in putative nodes
----------------------------------------
Present


Node 21 -> query image 17
-----------------------

87 features detected!

Checking for matches...

node 1 checked!...30 matches found!
node 2 checked!...34 matches found!
node 3 checked!...36 matches found!
node 4 checked!...36 matches found!
node 5 checked!...37 matches found!
node 6 checked!...30 matches found!
node 7 checked!...27 matches found!
node 8 checked!...36 matches found!
node 9 checked!...24 matches found!
node 10 checked!...30 matches found!
node 11 checked!...34 matches found!
node 12 checked!...30 matches found!
node 13 checked!...34 matches found!
node 14 checked!...34 matches found!
node 15 checked!...29 matches found!
node 16 checked!...33 matches found!
node 17 checked!...33 matches found!
node 18 checked!...30 matches found!
node 19 checked!...31 matches found!
node 20 checked!...29 matches found!
node 21 checked!...41 matches found!
node 22 checked!...28 matches found!
```

```
node 23 checked!...32 matches found!
node 24 checked!...32 matches found!
node 25 checked!...30 matches found!
node 26 checked!...34 matches found!
node 27 checked!...31 matches found!
node 28 checked!...33 matches found!
node 29 checked!...27 matches found!
node 30 checked!...32 matches found!

Voting array
--------------
[30 34 36 36 37 30 27 36 24 30 34 30 34 34 29 33 33 30 31 29 41 28 32 32 30
 34 31 33 27 32]

Putative nodes
------------
[ 3  8  4 21  5]

Best matching node from voting array
----------------------------------------
21

Presence of query node in putative nodes
----------------------------------------
Present


Node 21 -> query image 18
------------------------

94 features detected!

Checking for matches...

node 1 checked!...32 matches found!
node 2 checked!...34 matches found!
node 3 checked!...34 matches found!
node 4 checked!...36 matches found!
node 5 checked!...42 matches found!
node 6 checked!...40 matches found!
node 7 checked!...33 matches found!
node 8 checked!...39 matches found!
node 9 checked!...31 matches found!
node 10 checked!...40 matches found!
node 11 checked!...35 matches found!
node 12 checked!...38 matches found!
node 13 checked!...39 matches found!
node 14 checked!...33 matches found!
node 15 checked!...34 matches found!
node 16 checked!...38 matches found!
node 17 checked!...42 matches found!
node 18 checked!...40 matches found!
node 19 checked!...35 matches found!
node 20 checked!...35 matches found!
node 21 checked!...45 matches found!
node 22 checked!...34 matches found!
node 23 checked!...45 matches found!
node 24 checked!...41 matches found!
node 25 checked!...35 matches found!
node 26 checked!...46 matches found!
node 27 checked!...38 matches found!
node 28 checked!...38 matches found!
```

```
node 29 checked!...32 matches found!
node 30 checked!...39 matches found!

Voting array
--------------
[32 34 34 36 42 40 33 39 31 40 35 38 39 33 34 38 42 40 35 35 45 34 45 41 35
 46 38 38 32 39]

Putative nodes
------------
[ 5 21 23 26 17]

Best matching node from voting array
---------------------------------------
26

Presence of query node in putative nodes
---------------------------------------
Present


Node 21 -> query image 19
-----------------------

92 features detected!

Checking for matches...

node 1 checked!...35 matches found!
node 2 checked!...39 matches found!
node 3 checked!...38 matches found!
node 4 checked!...38 matches found!
node 5 checked!...38 matches found!
node 6 checked!...34 matches found!
node 7 checked!...31 matches found!
node 8 checked!...37 matches found!
node 9 checked!...34 matches found!
node 10 checked!...37 matches found!
node 11 checked!...36 matches found!
node 12 checked!...33 matches found!
node 13 checked!...33 matches found!
node 14 checked!...34 matches found!
node 15 checked!...31 matches found!
node 16 checked!...37 matches found!
node 17 checked!...41 matches found!
node 18 checked!...38 matches found!
node 19 checked!...35 matches found!
node 20 checked!...38 matches found!
node 21 checked!...39 matches found!
node 22 checked!...32 matches found!
node 23 checked!...37 matches found!
node 24 checked!...36 matches found!
node 25 checked!...35 matches found!
node 26 checked!...32 matches found!
node 27 checked!...36 matches found!
node 28 checked!...37 matches found!
node 29 checked!...37 matches found!
node 30 checked!...35 matches found!

Voting array
--------------
[35 39 38 38 38 34 31 37 34 37 36 33 33 34 31 37 41 38 35 38 39 32 37 36 35
```

```
 32 36 37 37 35]

Putative nodes
------------
[18  5 21  2 17]

Best matching node from voting array
----------------------------------------
17

Presence of query node in putative nodes
----------------------------------------
Present


Node 21 -> query image 20
-----------------------

76 features detected!

Checking for matches...

node 1 checked!...34 matches found!
node 2 checked!...34 matches found!
node 3 checked!...32 matches found!
node 4 checked!...38 matches found!
node 5 checked!...38 matches found!
node 6 checked!...30 matches found!
node 7 checked!...30 matches found!
node 8 checked!...28 matches found!
node 9 checked!...30 matches found!
node 10 checked!...35 matches found!
node 11 checked!...32 matches found!
node 12 checked!...30 matches found!
node 13 checked!...35 matches found!
node 14 checked!...31 matches found!
node 15 checked!...26 matches found!
node 16 checked!...36 matches found!
node 17 checked!...38 matches found!
node 18 checked!...33 matches found!
node 19 checked!...31 matches found!
node 20 checked!...26 matches found!
node 21 checked!...36 matches found!
node 22 checked!...36 matches found!
node 23 checked!...39 matches found!
node 24 checked!...37 matches found!
node 25 checked!...35 matches found!
node 26 checked!...33 matches found!
node 27 checked!...35 matches found!
node 28 checked!...32 matches found!
node 29 checked!...30 matches found!
node 30 checked!...33 matches found!

Voting array
--------------
[34 34 32 38 38 30 30 28 30 35 32 30 35 31 26 36 38 33 31 26 36 36 39 37 35
 33 35 32 30 33]

Putative nodes
------------
[24  4 17  5 23]
```

Best matching node from voting array

23

Presence of query node in putative nodes

Absent

Node 21 -> query image 21
----

68 features detected!

Checking for matches...

node 1 checked!...28 matches found!
node 2 checked!...27 matches found!
node 3 checked!...31 matches found!
node 4 checked!...32 matches found!
node 5 checked!...33 matches found!
node 6 checked!...28 matches found!
node 7 checked!...22 matches found!
node 8 checked!...33 matches found!
node 9 checked!...20 matches found!
node 10 checked!...26 matches found!
node 11 checked!...35 matches found!
node 12 checked!...26 matches found!
node 13 checked!...29 matches found!
node 14 checked!...24 matches found!
node 15 checked!...26 matches found!
node 16 checked!...30 matches found!
node 17 checked!...30 matches found!
node 18 checked!...24 matches found!
node 19 checked!...26 matches found!
node 20 checked!...23 matches found!
node 21 checked!...38 matches found!
node 22 checked!...25 matches found!
node 23 checked!...27 matches found!
node 24 checked!...30 matches found!
node 25 checked!...29 matches found!
node 26 checked!...32 matches found!
node 27 checked!...30 matches found!
node 28 checked!...28 matches found!
node 29 checked!...26 matches found!
node 30 checked!...30 matches found!

Voting array

[28 27 31 32 33 28 22 33 20 26 35 26 29 24 26 30 30 24 26 23 38 25 27 30 29
 32 30 28 26 30]

Putative nodes

[4 5 8 11 21]

Best matching node from voting array

21

Presence of query node in putative nodes

Present

Node 21 -> query image 22
----

98 features detected!

Checking for matches...

node 1 checked!...32 matches found!
node 2 checked!...37 matches found!
node 3 checked!...40 matches found!
node 4 checked!...42 matches found!
node 5 checked!...44 matches found!
node 6 checked!...39 matches found!
node 7 checked!...37 matches found!
node 8 checked!...43 matches found!
node 9 checked!...33 matches found!
node 10 checked!...41 matches found!
node 11 checked!...40 matches found!
node 12 checked!...40 matches found!
node 13 checked!...36 matches found!
node 14 checked!...42 matches found!
node 15 checked!...36 matches found!
node 16 checked!...40 matches found!
node 17 checked!...41 matches found!
node 18 checked!...43 matches found!
node 19 checked!...38 matches found!
node 20 checked!...34 matches found!
node 21 checked!...45 matches found!
node 22 checked!...37 matches found!
node 23 checked!...42 matches found!
node 24 checked!...39 matches found!
node 25 checked!...40 matches found!
node 26 checked!...46 matches found!
node 27 checked!...38 matches found!
node 28 checked!...37 matches found!
node 29 checked!...31 matches found!
node 30 checked!...38 matches found!

Voting array

[32 37 40 42 44 39 37 43 33 41 40 40 36 42 36 40 41 43 38 34 45 37 42 39 40
 46 38 37 31 38]

Putative nodes

[8 18 5 26 21]

Best matching node from voting array

26

Presence of query node in putative nodes

Present

Node 21 -> query image 23
----

91 features detected!

Checking for matches...

node 1 checked!...34 matches found!
node 2 checked!...31 matches found!
node 3 checked!...43 matches found!
node 4 checked!...42 matches found!
node 5 checked!...42 matches found!
node 6 checked!...36 matches found!
node 7 checked!...36 matches found!
node 8 checked!...35 matches found!
node 9 checked!...33 matches found!
node 10 checked!...41 matches found!
node 11 checked!...41 matches found!
node 12 checked!...37 matches found!
node 13 checked!...39 matches found!
node 14 checked!...35 matches found!
node 15 checked!...40 matches found!
node 16 checked!...38 matches found!
node 17 checked!...41 matches found!
node 18 checked!...40 matches found!
node 19 checked!...36 matches found!
node 20 checked!...37 matches found!
node 21 checked!...39 matches found!
node 22 checked!...34 matches found!
node 23 checked!...40 matches found!
node 24 checked!...38 matches found!
node 25 checked!...33 matches found!
node 26 checked!...35 matches found!
node 27 checked!...44 matches found!
node 28 checked!...39 matches found!
node 29 checked!...35 matches found!
node 30 checked!...33 matches found!

Voting array

[34 31 43 42 42 36 36 35 33 41 41 37 39 35 40 38 41 40 36 37 39 34 40 38 33
 35 44 39 35 33]

Putative nodes

[17 4 27 3 5]

Best matching node from voting array

27

Presence of query node in putative nodes

Absent

Node 21 -> query image 24
----

81 features detected!

Checking for matches...

node 1 checked!...36 matches found!
node 2 checked!...37 matches found!

```
node 3 checked!...38 matches found!
node 4 checked!...40 matches found!
node 5 checked!...38 matches found!
node 6 checked!...28 matches found!
node 7 checked!...29 matches found!
node 8 checked!...39 matches found!
node 9 checked!...36 matches found!
node 10 checked!...38 matches found!
node 11 checked!...32 matches found!
node 12 checked!...31 matches found!
node 13 checked!...39 matches found!
node 14 checked!...34 matches found!
node 15 checked!...34 matches found!
node 16 checked!...37 matches found!
node 17 checked!...38 matches found!
node 18 checked!...34 matches found!
node 19 checked!...34 matches found!
node 20 checked!...38 matches found!
node 21 checked!...36 matches found!
node 22 checked!...34 matches found!
node 23 checked!...40 matches found!
node 24 checked!...34 matches found!
node 25 checked!...34 matches found!
node 26 checked!...34 matches found!
node 27 checked!...39 matches found!
node 28 checked!...38 matches found!
node 29 checked!...37 matches found!
node 30 checked!...36 matches found!
```

```
Voting array
--------------
[36 37 38 40 38 28 29 39 36 38 32 31 39 34 34 37 38 34 34 38 36 34 40 34 34
 34 39 38 37 36]
```

```
Putative nodes
------------
[ 8 27 23 13  4]
```

```
Best matching node from voting array
----------------------------------------
4
```

```
Presence of query node in putative nodes
----------------------------------------
Absent
```

```
Node 21 -> query image 25
------------------------

84 features detected!

Checking for matches...

node 1 checked!...34 matches found!
node 2 checked!...32 matches found!
node 3 checked!...30 matches found!
node 4 checked!...37 matches found!
node 5 checked!...35 matches found!
node 6 checked!...29 matches found!
node 7 checked!...29 matches found!
node 8 checked!...32 matches found!
```

```
node 9 checked!...28 matches found!
node 10 checked!...29 matches found!
node 11 checked!...37 matches found!
node 12 checked!...30 matches found!
node 13 checked!...32 matches found!
node 14 checked!...30 matches found!
node 15 checked!...32 matches found!
node 16 checked!...33 matches found!
node 17 checked!...36 matches found!
node 18 checked!...30 matches found!
node 19 checked!...30 matches found!
node 20 checked!...33 matches found!
node 21 checked!...40 matches found!
node 22 checked!...26 matches found!
node 23 checked!...35 matches found!
node 24 checked!...37 matches found!
node 25 checked!...32 matches found!
node 26 checked!...35 matches found!
node 27 checked!...31 matches found!
node 28 checked!...36 matches found!
node 29 checked!...31 matches found!
node 30 checked!...36 matches found!


Voting array
--------------
[34 32 30 37 35 29 29 32 28 29 37 30 32 30 32 33 36 30 30 33 40 26 35 37 32
 35 31 36 31 36]

Putative nodes
------------
[30  4 11 24 21]

Best matching node from voting array
----------------------------------------
21

Presence of query node in putative nodes
----------------------------------------
Present


Node 21 -> query image 26
------------------------

102 features detected!

Checking for matches...

node 1 checked!...32 matches found!
node 2 checked!...35 matches found!
node 3 checked!...37 matches found!
node 4 checked!...38 matches found!
node 5 checked!...41 matches found!
node 6 checked!...39 matches found!
node 7 checked!...35 matches found!
node 8 checked!...38 matches found!
node 9 checked!...30 matches found!
node 10 checked!...41 matches found!
node 11 checked!...39 matches found!
node 12 checked!...41 matches found!
node 13 checked!...39 matches found!
node 14 checked!...38 matches found!
```

```
node 15 checked!...41 matches found!
node 16 checked!...38 matches found!
node 17 checked!...43 matches found!
node 18 checked!...41 matches found!
node 19 checked!...36 matches found!
node 20 checked!...36 matches found!
node 21 checked!...45 matches found!
node 22 checked!...33 matches found!
node 23 checked!...46 matches found!
node 24 checked!...41 matches found!
node 25 checked!...37 matches found!
node 26 checked!...48 matches found!
node 27 checked!...41 matches found!
node 28 checked!...39 matches found!
node 29 checked!...33 matches found!
node 30 checked!...39 matches found!

Voting array
--------------
[32 35 37 38 41 39 35 38 30 41 39 41 39 38 41 38 43 41 36 36 45 33 46 41 37
 48 41 39 33 39]

Putative nodes
------------
[ 5 17 26 21 23]

Best matching node from voting array
----------------------------------------
26

Presence of query node in putative nodes
----------------------------------------
Present


Node 21 -> query image 27
------------------------

93 features detected!

Checking for matches...

node 1 checked!...33 matches found!
node 2 checked!...37 matches found!
node 3 checked!...41 matches found!
node 4 checked!...41 matches found!
node 5 checked!...45 matches found!
node 6 checked!...38 matches found!
node 7 checked!...36 matches found!
node 8 checked!...38 matches found!
node 9 checked!...36 matches found!
node 10 checked!...34 matches found!
node 11 checked!...41 matches found!
node 12 checked!...35 matches found!
node 13 checked!...38 matches found!
node 14 checked!...37 matches found!
node 15 checked!...38 matches found!
node 16 checked!...39 matches found!
node 17 checked!...38 matches found!
node 18 checked!...44 matches found!
node 19 checked!...38 matches found!
node 20 checked!...41 matches found!
```

```
node 21 checked!...39 matches found!
node 22 checked!...37 matches found!
node 23 checked!...40 matches found!
node 24 checked!...38 matches found!
node 25 checked!...38 matches found!
node 26 checked!...34 matches found!
node 27 checked!...40 matches found!
node 28 checked!...44 matches found!
node 29 checked!...36 matches found!
node 30 checked!...40 matches found!
```

Voting array

[33 37 41 41 45 38 36 38 36 34 41 35 38 37 38 39 38 44 38 41 39 37 40 38 38
 34 40 44 36 40]

Putative nodes

[11 4 18 5 28]

Best matching node from voting array

5

Presence of query node in putative nodes

Absent

Node 21 -> query image 28
----

81 features detected!

Checking for matches...

```
node 1 checked!...30 matches found!
node 2 checked!...36 matches found!
node 3 checked!...32 matches found!
node 4 checked!...34 matches found!
node 5 checked!...36 matches found!
node 6 checked!...35 matches found!
node 7 checked!...31 matches found!
node 8 checked!...27 matches found!
node 9 checked!...27 matches found!
node 10 checked!...28 matches found!
node 11 checked!...31 matches found!
node 12 checked!...33 matches found!
node 13 checked!...34 matches found!
node 14 checked!...30 matches found!
node 15 checked!...31 matches found!
node 16 checked!...35 matches found!
node 17 checked!...33 matches found!
node 18 checked!...32 matches found!
node 19 checked!...28 matches found!
node 20 checked!...33 matches found!
node 21 checked!...35 matches found!
node 22 checked!...32 matches found!
node 23 checked!...35 matches found!
node 24 checked!...35 matches found!
node 25 checked!...34 matches found!
node 26 checked!...31 matches found!
```

```
node 27 checked!...36 matches found!
node 28 checked!...34 matches found!
node 29 checked!...38 matches found!
node 30 checked!...34 matches found!

Voting array
--------------
[30 36 32 34 36 35 31 27 27 28 31 33 34 30 31 35 33 32 28 33 35 32 35 35 34
 31 36 34 38 34]

Putative nodes
------------
[ 6  2  5 29 27]

Best matching node from voting array
----------------------------------------
29

Presence of query node in putative nodes
----------------------------------------
Absent


Node 21 -> query image 29
-----------------------

100 features detected!

Checking for matches...

node 1 checked!...37 matches found!
node 2 checked!...34 matches found!
node 3 checked!...31 matches found!
node 4 checked!...36 matches found!
node 5 checked!...37 matches found!
node 6 checked!...30 matches found!
node 7 checked!...31 matches found!
node 8 checked!...34 matches found!
node 9 checked!...27 matches found!
node 10 checked!...33 matches found!
node 11 checked!...38 matches found!
node 12 checked!...34 matches found!
node 13 checked!...35 matches found!
node 14 checked!...31 matches found!
node 15 checked!...33 matches found!
node 16 checked!...34 matches found!
node 17 checked!...36 matches found!
node 18 checked!...33 matches found!
node 19 checked!...33 matches found!
node 20 checked!...35 matches found!
node 21 checked!...45 matches found!
node 22 checked!...28 matches found!
node 23 checked!...39 matches found!
node 24 checked!...41 matches found!
node 25 checked!...30 matches found!
node 26 checked!...38 matches found!
node 27 checked!...31 matches found!
node 28 checked!...35 matches found!
node 29 checked!...32 matches found!
node 30 checked!...37 matches found!

Voting array
```

```
--------------
[37 34 31 36 37 30 31 34 27 33 38 34 35 31 33 34 36 33 33 35 45 28 39 41 30
 38 31 35 32 37]
```

Putative nodes

```
[26 23 11 24 21]
```

Best matching node from voting array

21

Presence of query node in putative nodes

Present

Node 21 -> query image 30
----

98 features detected!

Checking for matches...

node 1 checked!...35 matches found!
node 2 checked!...32 matches found!
node 3 checked!...37 matches found!
node 4 checked!...36 matches found!
node 5 checked!...40 matches found!
node 6 checked!...40 matches found!
node 7 checked!...32 matches found!
node 8 checked!...40 matches found!
node 9 checked!...31 matches found!
node 10 checked!...40 matches found!
node 11 checked!...33 matches found!
node 12 checked!...42 matches found!
node 13 checked!...39 matches found!
node 14 checked!...35 matches found!
node 15 checked!...37 matches found!
node 16 checked!...38 matches found!
node 17 checked!...43 matches found!
node 18 checked!...36 matches found!
node 19 checked!...37 matches found!
node 20 checked!...39 matches found!
node 21 checked!...44 matches found!
node 22 checked!...36 matches found!
node 23 checked!...41 matches found!
node 24 checked!...39 matches found!
node 25 checked!...35 matches found!
node 26 checked!...41 matches found!
node 27 checked!...39 matches found!
node 28 checked!...39 matches found!
node 29 checked!...32 matches found!
node 30 checked!...38 matches found!

Voting array

```
[35 32 37 36 40 40 32 40 31 40 33 42 39 35 37 38 43 36 37 39 44 36 41 39 35
 41 39 39 32 38]
```

Putative nodes

[23 26 12 17 21]

Best matching node from voting array

21

Presence of query node in putative nodes

Present

Node 21 -> query image 31
----

96 features detected!

Checking for matches...

node 1 checked!...31 matches found!
node 2 checked!...34 matches found!
node 3 checked!...32 matches found!
node 4 checked!...34 matches found!
node 5 checked!...35 matches found!
node 6 checked!...39 matches found!
node 7 checked!...33 matches found!
node 8 checked!...38 matches found!
node 9 checked!...32 matches found!
node 10 checked!...42 matches found!
node 11 checked!...34 matches found!
node 12 checked!...37 matches found!
node 13 checked!...36 matches found!
node 14 checked!...34 matches found!
node 15 checked!...37 matches found!
node 16 checked!...37 matches found!
node 17 checked!...41 matches found!
node 18 checked!...37 matches found!
node 19 checked!...33 matches found!
node 20 checked!...37 matches found!
node 21 checked!...43 matches found!
node 22 checked!...33 matches found!
node 23 checked!...42 matches found!
node 24 checked!...37 matches found!
node 25 checked!...39 matches found!
node 26 checked!...40 matches found!
node 27 checked!...39 matches found!
node 28 checked!...39 matches found!
node 29 checked!...31 matches found!
node 30 checked!...37 matches found!

Voting array

[31 34 32 34 35 39 33 38 32 42 34 37 36 34 37 37 41 37 33 37 43 33 42 37 39
 40 39 39 31 37]

Putative nodes

[26 17 23 21 10]

Best matching node from voting array

21

Presence of query node in putative nodes

Present

Node 21 -> query image 32
----

79 features detected!

Checking for matches...

node 1 checked!...27 matches found!
node 2 checked!...31 matches found!
node 3 checked!...35 matches found!
node 4 checked!...33 matches found!
node 5 checked!...32 matches found!
node 6 checked!...33 matches found!
node 7 checked!...28 matches found!
node 8 checked!...31 matches found!
node 9 checked!...26 matches found!
node 10 checked!...30 matches found!
node 11 checked!...33 matches found!
node 12 checked!...35 matches found!
node 13 checked!...34 matches found!
node 14 checked!...33 matches found!
node 15 checked!...31 matches found!
node 16 checked!...33 matches found!
node 17 checked!...34 matches found!
node 18 checked!...33 matches found!
node 19 checked!...27 matches found!
node 20 checked!...31 matches found!
node 21 checked!...36 matches found!
node 22 checked!...32 matches found!
node 23 checked!...34 matches found!
node 24 checked!...32 matches found!
node 25 checked!...32 matches found!
node 26 checked!...31 matches found!
node 27 checked!...35 matches found!
node 28 checked!...35 matches found!
node 29 checked!...37 matches found!
node 30 checked!...30 matches found!

Voting array

[27 31 35 33 32 33 28 31 26 30 33 35 34 33 31 33 34 33 27 31 36 32 34 32 32
 31 35 35 37 30]

Putative nodes

[27 3 12 29 21]

Best matching node from voting array

29

Presence of query node in putative nodes

Present

Node 21 -> query image 33

----

0 features detected!

Checking for matches...

node 1 checked!...0 matches found!
node 2 checked!...0 matches found!
node 3 checked!...0 matches found!
node 4 checked!...0 matches found!
node 5 checked!...0 matches found!
node 6 checked!...0 matches found!
node 7 checked!...0 matches found!
node 8 checked!...0 matches found!
node 9 checked!...0 matches found!
node 10 checked!...0 matches found!
node 11 checked!...0 matches found!
node 12 checked!...0 matches found!
node 13 checked!...0 matches found!
node 14 checked!...0 matches found!
node 15 checked!...0 matches found!
node 16 checked!...0 matches found!
node 17 checked!...0 matches found!
node 18 checked!...0 matches found!
node 19 checked!...0 matches found!
node 20 checked!...0 matches found!
node 21 checked!...0 matches found!
node 22 checked!...0 matches found!
node 23 checked!...0 matches found!
node 24 checked!...0 matches found!
node 25 checked!...0 matches found!
node 26 checked!...0 matches found!
node 27 checked!...0 matches found!
node 28 checked!...0 matches found!
node 29 checked!...0 matches found!
node 30 checked!...0 matches found!

Voting array

[0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0]

Unable to predict a matching node and putative nodes!

Node 21 -> query image 34
----

78 features detected!

Checking for matches...

node 1 checked!...37 matches found!
node 2 checked!...33 matches found!
node 3 checked!...36 matches found!
node 4 checked!...40 matches found!
node 5 checked!...38 matches found!
node 6 checked!...30 matches found!
node 7 checked!...35 matches found!
node 8 checked!...37 matches found!
node 9 checked!...27 matches found!
node 10 checked!...30 matches found!
node 11 checked!...37 matches found!
node 12 checked!...31 matches found!

```
node 13 checked!...33 matches found!
node 14 checked!...34 matches found!
node 15 checked!...34 matches found!
node 16 checked!...36 matches found!
node 17 checked!...38 matches found!
node 18 checked!...30 matches found!
node 19 checked!...29 matches found!
node 20 checked!...35 matches found!
node 21 checked!...36 matches found!
node 22 checked!...34 matches found!
node 23 checked!...41 matches found!
node 24 checked!...36 matches found!
node 25 checked!...32 matches found!
node 26 checked!...35 matches found!
node 27 checked!...36 matches found!
node 28 checked!...34 matches found!
node 29 checked!...31 matches found!
node 30 checked!...36 matches found!


Voting array
--------------
[37 33 36 40 38 30 35 37 27 30 37 31 33 34 34 36 38 30 29 35 36 34 41 36 32
 35 36 34 31 36]

Putative nodes
------------
[11 17  5  4 23]

Best matching node from voting array
----------------------------------------
23

Presence of query node in putative nodes
----------------------------------------
Absent


Node 21 -> query image 35
------------------------

44 features detected!

Checking for matches...

node 1 checked!...17 matches found!
node 2 checked!...20 matches found!
node 3 checked!...19 matches found!
node 4 checked!...23 matches found!
node 5 checked!...23 matches found!
node 6 checked!...20 matches found!
node 7 checked!...24 matches found!
node 8 checked!...24 matches found!
node 9 checked!...23 matches found!
node 10 checked!...24 matches found!
node 11 checked!...21 matches found!
node 12 checked!...20 matches found!
node 13 checked!...22 matches found!
node 14 checked!...22 matches found!
node 15 checked!...21 matches found!
node 16 checked!...24 matches found!
node 17 checked!...24 matches found!
node 18 checked!...25 matches found!
```

```
node 19 checked!...17 matches found!
node 20 checked!...22 matches found!
node 21 checked!...23 matches found!
node 22 checked!...23 matches found!
node 23 checked!...24 matches found!
node 24 checked!...22 matches found!
node 25 checked!...21 matches found!
node 26 checked!...21 matches found!
node 27 checked!...21 matches found!
node 28 checked!...23 matches found!
node 29 checked!...21 matches found!
node 30 checked!...23 matches found!
```

Voting array

[17 20 19 23 23 20 24 24 23 24 21 20 22 22 21 24 24 25 17 22 23 23 24 22 21
 21 21 23 21 23]

Putative nodes

[10 7 8 23 18]

Best matching node from voting array

18

Presence of query node in putative nodes

Absent

Node 21 -> query image 36
----

33 features detected!

Checking for matches...

```
node 1 checked!...15 matches found!
node 2 checked!...14 matches found!
node 3 checked!...14 matches found!
node 4 checked!...18 matches found!
node 5 checked!...18 matches found!
node 6 checked!...14 matches found!
node 7 checked!...12 matches found!
node 8 checked!...18 matches found!
node 9 checked!...15 matches found!
node 10 checked!...14 matches found!
node 11 checked!...17 matches found!
node 12 checked!...15 matches found!
node 13 checked!...13 matches found!
node 14 checked!...14 matches found!
node 15 checked!...15 matches found!
node 16 checked!...16 matches found!
node 17 checked!...17 matches found!
node 18 checked!...18 matches found!
node 19 checked!...17 matches found!
node 20 checked!...17 matches found!
node 21 checked!...17 matches found!
node 22 checked!...20 matches found!
node 23 checked!...16 matches found!
node 24 checked!...18 matches found!
```

```
node 25 checked!...18 matches found!
node 26 checked!...20 matches found!
node 27 checked!...19 matches found!
node 28 checked!...17 matches found!
node 29 checked!...18 matches found!
node 30 checked!...20 matches found!

Voting array
--------------
[15 14 14 18 18 14 12 18 15 14 17 15 13 14 15 16 17 18 17 17 17 20 16 18 18
 20 19 17 18 20]

Putative nodes
------------
[ 5 27 22 26 30]

Best matching node from voting array
----------------------------------------
22

Presence of query node in putative nodes
----------------------------------------
Absent


Node 21 -> query image 37
-----------------------

76 features detected!

Checking for matches...

node 1 checked!...30 matches found!
node 2 checked!...32 matches found!
node 3 checked!...30 matches found!
node 4 checked!...38 matches found!
node 5 checked!...36 matches found!
node 6 checked!...32 matches found!
node 7 checked!...27 matches found!
node 8 checked!...32 matches found!
node 9 checked!...31 matches found!
node 10 checked!...31 matches found!
node 11 checked!...37 matches found!
node 12 checked!...34 matches found!
node 13 checked!...32 matches found!
node 14 checked!...30 matches found!
node 15 checked!...31 matches found!
node 16 checked!...40 matches found!
node 17 checked!...38 matches found!
node 18 checked!...32 matches found!
node 19 checked!...33 matches found!
node 20 checked!...34 matches found!
node 21 checked!...37 matches found!
node 22 checked!...32 matches found!
node 23 checked!...34 matches found!
node 24 checked!...31 matches found!
node 25 checked!...28 matches found!
node 26 checked!...32 matches found!
node 27 checked!...32 matches found!
node 28 checked!...35 matches found!
node 29 checked!...36 matches found!
node 30 checked!...33 matches found!
```

Voting array

[30 32 30 38 36 32 27 32 31 31 37 34 32 30 31 40 38 32 33 34 37 32 34 31 28
 32 32 35 36 33]

Putative nodes

[11 16 21 17 4]

Best matching node from voting array

16

Presence of query node in putative nodes

Present

Node 21 -> query image 38
----

0 features detected!

Checking for matches...

node 1 checked!...0 matches found!
node 2 checked!...0 matches found!
node 3 checked!...0 matches found!
node 4 checked!...0 matches found!
node 5 checked!...0 matches found!
node 6 checked!...0 matches found!
node 7 checked!...0 matches found!
node 8 checked!...0 matches found!
node 9 checked!...0 matches found!
node 10 checked!...0 matches found!
node 11 checked!...0 matches found!
node 12 checked!...0 matches found!
node 13 checked!...0 matches found!
node 14 checked!...0 matches found!
node 15 checked!...0 matches found!
node 16 checked!...0 matches found!
node 17 checked!...0 matches found!
node 18 checked!...0 matches found!
node 19 checked!...0 matches found!
node 20 checked!...0 matches found!
node 21 checked!...0 matches found!
node 22 checked!...0 matches found!
node 23 checked!...0 matches found!
node 24 checked!...0 matches found!
node 25 checked!...0 matches found!
node 26 checked!...0 matches found!
node 27 checked!...0 matches found!
node 28 checked!...0 matches found!
node 29 checked!...0 matches found!
node 30 checked!...0 matches found!

Voting array

[0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0]

Unable to predict a matching node and putative nodes!

Node 21 -> query image 39
----

78 features detected!

Checking for matches...

node 1 checked!...27 matches found!
node 2 checked!...33 matches found!
node 3 checked!...32 matches found!
node 4 checked!...39 matches found!
node 5 checked!...35 matches found!
node 6 checked!...24 matches found!
node 7 checked!...27 matches found!
node 8 checked!...28 matches found!
node 9 checked!...24 matches found!
node 10 checked!...28 matches found!
node 11 checked!...36 matches found!
node 12 checked!...27 matches found!
node 13 checked!...33 matches found!
node 14 checked!...33 matches found!
node 15 checked!...29 matches found!
node 16 checked!...33 matches found!
node 17 checked!...29 matches found!
node 18 checked!...28 matches found!
node 19 checked!...31 matches found!
node 20 checked!...32 matches found!
node 21 checked!...37 matches found!
node 22 checked!...26 matches found!
node 23 checked!...32 matches found!
node 24 checked!...28 matches found!
node 25 checked!...25 matches found!
node 26 checked!...33 matches found!
node 27 checked!...34 matches found!
node 28 checked!...30 matches found!
node 29 checked!...25 matches found!
node 30 checked!...31 matches found!

Voting array

[27 33 32 39 35 24 27 28 24 28 36 27 33 33 29 33 29 28 31 32 37 26 32 28 25
 33 34 30 25 31]

Putative nodes

[27 5 11 4 21]

Best matching node from voting array

4

Presence of query node in putative nodes

Present

Node 21 -> query image 40
----

68 features detected!

Checking for matches...

node 1 checked!...28 matches found!
node 2 checked!...34 matches found!
node 3 checked!...34 matches found!
node 4 checked!...29 matches found!
node 5 checked!...28 matches found!
node 6 checked!...31 matches found!
node 7 checked!...25 matches found!
node 8 checked!...33 matches found!
node 9 checked!...28 matches found!
node 10 checked!...29 matches found!
node 11 checked!...30 matches found!
node 12 checked!...30 matches found!
node 13 checked!...32 matches found!
node 14 checked!...25 matches found!
node 15 checked!...25 matches found!
node 16 checked!...33 matches found!
node 17 checked!...33 matches found!
node 18 checked!...31 matches found!
node 19 checked!...24 matches found!
node 20 checked!...32 matches found!
node 21 checked!...29 matches found!
node 22 checked!...34 matches found!
node 23 checked!...35 matches found!
node 24 checked!...30 matches found!
node 25 checked!...31 matches found!
node 26 checked!...30 matches found!
node 27 checked!...27 matches found!
node 28 checked!...34 matches found!
node 29 checked!...28 matches found!
node 30 checked!...28 matches found!

Voting array

[28 34 34 29 28 31 25 33 28 29 30 30 32 25 25 33 33 31 24 32 29 34 35 30 31
 30 27 34 28 28]

Putative nodes

[3 22 28 23 2]

Best matching node from voting array

23

Presence of query node in putative nodes

Absent

 Node 21 testing completed!

Node 22 -> query image 1
----

45 features detected!

Checking for matches...

node 1 checked!...24 matches found!

```
node 2 checked!...22 matches found!
node 3 checked!...24 matches found!
node 4 checked!...21 matches found!
node 5 checked!...22 matches found!
node 6 checked!...26 matches found!
node 7 checked!...23 matches found!
node 8 checked!...23 matches found!
node 9 checked!...20 matches found!
node 10 checked!...19 matches found!
node 11 checked!...24 matches found!
node 12 checked!...22 matches found!
node 13 checked!...22 matches found!
node 14 checked!...27 matches found!
node 15 checked!...21 matches found!
node 16 checked!...27 matches found!
node 17 checked!...28 matches found!
node 18 checked!...23 matches found!
node 19 checked!...22 matches found!
node 20 checked!...23 matches found!
node 21 checked!...31 matches found!
node 22 checked!...17 matches found!
node 23 checked!...23 matches found!
node 24 checked!...23 matches found!
node 25 checked!...23 matches found!
node 26 checked!...27 matches found!
node 27 checked!...23 matches found!
node 28 checked!...21 matches found!
node 29 checked!...27 matches found!
node 30 checked!...25 matches found!
```

Voting array

```
[24 22 24 21 22 26 23 23 20 19 24 22 22 27 21 27 28 23 22 23 31 17 23 23 23
 27 23 21 27 25]
```

Putative nodes

```
[29 14 17 26 21]
```

Best matching node from voting array

21

Presence of query node in putative nodes

Absent

Node 22 -> query image 2
----

29 features detected!

Checking for matches...

```
node 1 checked!...20 matches found!
node 2 checked!...22 matches found!
node 3 checked!...20 matches found!
node 4 checked!...22 matches found!
node 5 checked!...20 matches found!
node 6 checked!...17 matches found!
node 7 checked!...19 matches found!
```

```
node 8 checked!...21 matches found!
node 9 checked!...19 matches found!
node 10 checked!...20 matches found!
node 11 checked!...21 matches found!
node 12 checked!...15 matches found!
node 13 checked!...18 matches found!
node 14 checked!...21 matches found!
node 15 checked!...19 matches found!
node 16 checked!...21 matches found!
node 17 checked!...19 matches found!
node 18 checked!...21 matches found!
node 19 checked!...16 matches found!
node 20 checked!...19 matches found!
node 21 checked!...22 matches found!
node 22 checked!...20 matches found!
node 23 checked!...19 matches found!
node 24 checked!...23 matches found!
node 25 checked!...19 matches found!
node 26 checked!...20 matches found!
node 27 checked!...20 matches found!
node 28 checked!...20 matches found!
node 29 checked!...18 matches found!
node 30 checked!...18 matches found!
```

Voting array

[20 22 20 22 20 17 19 21 19 20 21 15 18 21 19 21 19 21 16 19 22 20 19 23 19
 20 20 20 18 18]

Putative nodes

[8 24 2 4 21]

Best matching node from voting array

24

Presence of query node in putative nodes

Absent

Node 22 -> query image 3
----

0 features detected!

Checking for matches...

```
node 1 checked!...0 matches found!
node 2 checked!...0 matches found!
node 3 checked!...0 matches found!
node 4 checked!...0 matches found!
node 5 checked!...0 matches found!
node 6 checked!...0 matches found!
node 7 checked!...0 matches found!
node 8 checked!...0 matches found!
node 9 checked!...0 matches found!
node 10 checked!...0 matches found!
node 11 checked!...0 matches found!
node 12 checked!...0 matches found!
node 13 checked!...0 matches found!
```

```
node 14 checked!...0 matches found!
node 15 checked!...0 matches found!
node 16 checked!...0 matches found!
node 17 checked!...0 matches found!
node 18 checked!...0 matches found!
node 19 checked!...0 matches found!
node 20 checked!...0 matches found!
node 21 checked!...0 matches found!
node 22 checked!...0 matches found!
node 23 checked!...0 matches found!
node 24 checked!...0 matches found!
node 25 checked!...0 matches found!
node 26 checked!...0 matches found!
node 27 checked!...0 matches found!
node 28 checked!...0 matches found!
node 29 checked!...0 matches found!
node 30 checked!...0 matches found!

Voting array
--------------
[0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0]

Unable to predict a matching node and putative nodes!

Node 22 -> query image 4
------------------------

0 features detected!

Checking for matches...

node 1 checked!...0 matches found!
node 2 checked!...0 matches found!
node 3 checked!...0 matches found!
node 4 checked!...0 matches found!
node 5 checked!...0 matches found!
node 6 checked!...0 matches found!
node 7 checked!...0 matches found!
node 8 checked!...0 matches found!
node 9 checked!...0 matches found!
node 10 checked!...0 matches found!
node 11 checked!...0 matches found!
node 12 checked!...0 matches found!
node 13 checked!...0 matches found!
node 14 checked!...0 matches found!
node 15 checked!...0 matches found!
node 16 checked!...0 matches found!
node 17 checked!...0 matches found!
node 18 checked!...0 matches found!
node 19 checked!...0 matches found!
node 20 checked!...0 matches found!
node 21 checked!...0 matches found!
node 22 checked!...0 matches found!
node 23 checked!...0 matches found!
node 24 checked!...0 matches found!
node 25 checked!...0 matches found!
node 26 checked!...0 matches found!
node 27 checked!...0 matches found!
node 28 checked!...0 matches found!
node 29 checked!...0 matches found!
node 30 checked!...0 matches found!
```

Voting array

[0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0]

Unable to predict a matching node and putative nodes!

Node 22 -> query image 5
----

62 features detected!

Checking for matches...

node 1 checked!...28 matches found!
node 2 checked!...24 matches found!
node 3 checked!...30 matches found!
node 4 checked!...29 matches found!
node 5 checked!...32 matches found!
node 6 checked!...26 matches found!
node 7 checked!...25 matches found!
node 8 checked!...30 matches found!
node 9 checked!...22 matches found!
node 10 checked!...30 matches found!
node 11 checked!...34 matches found!
node 12 checked!...31 matches found!
node 13 checked!...27 matches found!
node 14 checked!...24 matches found!
node 15 checked!...28 matches found!
node 16 checked!...26 matches found!
node 17 checked!...27 matches found!
node 18 checked!...30 matches found!
node 19 checked!...27 matches found!
node 20 checked!...28 matches found!
node 21 checked!...33 matches found!
node 22 checked!...26 matches found!
node 23 checked!...30 matches found!
node 24 checked!...28 matches found!
node 25 checked!...25 matches found!
node 26 checked!...29 matches found!
node 27 checked!...26 matches found!
node 28 checked!...30 matches found!
node 29 checked!...26 matches found!
node 30 checked!...33 matches found!

Voting array

[28 24 30 29 32 26 25 30 22 30 34 31 27 24 28 26 27 30 27 28 33 26 30 28 25
 29 26 30 26 33]

Putative nodes

[12 5 21 11 30]

Best matching node from voting array

11

Presence of query node in putative nodes

Absent

Node 22 -> query image 6
----

71 features detected!

Checking for matches...

node 1 checked!...25 matches found!
node 2 checked!...27 matches found!
node 3 checked!...25 matches found!
node 4 checked!...28 matches found!
node 5 checked!...26 matches found!
node 6 checked!...25 matches found!
node 7 checked!...28 matches found!
node 8 checked!...29 matches found!
node 9 checked!...23 matches found!
node 10 checked!...29 matches found!
node 11 checked!...28 matches found!
node 12 checked!...28 matches found!
node 13 checked!...32 matches found!
node 14 checked!...32 matches found!
node 15 checked!...28 matches found!
node 16 checked!...30 matches found!
node 17 checked!...33 matches found!
node 18 checked!...28 matches found!
node 19 checked!...28 matches found!
node 20 checked!...27 matches found!
node 21 checked!...28 matches found!
node 22 checked!...25 matches found!
node 23 checked!...32 matches found!
node 24 checked!...27 matches found!
node 25 checked!...30 matches found!
node 26 checked!...33 matches found!
node 27 checked!...26 matches found!
node 28 checked!...31 matches found!
node 29 checked!...26 matches found!
node 30 checked!...33 matches found!

Voting array

[25 27 25 28 26 25 28 29 23 29 28 28 32 32 28 30 33 28 28 27 28 25 32 27 30
 33 26 31 26 33]

Putative nodes

[14 13 26 17 30]

Best matching node from voting array

17

Presence of query node in putative nodes

Absent

Node 22 -> query image 7
----

56 features detected!

Checking for matches...

```
node 1 checked!...27 matches found!
node 2 checked!...30 matches found!
node 3 checked!...29 matches found!
node 4 checked!...31 matches found!
node 5 checked!...30 matches found!
node 6 checked!...32 matches found!
node 7 checked!...21 matches found!
node 8 checked!...30 matches found!
node 9 checked!...25 matches found!
node 10 checked!...27 matches found!
node 11 checked!...27 matches found!
node 12 checked!...26 matches found!
node 13 checked!...25 matches found!
node 14 checked!...28 matches found!
node 15 checked!...30 matches found!
node 16 checked!...33 matches found!
node 17 checked!...30 matches found!
node 18 checked!...29 matches found!
node 19 checked!...27 matches found!
node 20 checked!...28 matches found!
node 21 checked!...31 matches found!
node 22 checked!...29 matches found!
node 23 checked!...31 matches found!
node 24 checked!...28 matches found!
node 25 checked!...27 matches found!
node 26 checked!...30 matches found!
node 27 checked!...28 matches found!
node 28 checked!...30 matches found!
node 29 checked!...27 matches found!
node 30 checked!...34 matches found!
```

Voting array

[27 30 29 31 30 32 21 30 25 27 27 26 25 28 30 33 30 29 27 28 31 29 31 28 27
 30 28 30 27 34]

Putative nodes

[21 6 16 23 30]

Best matching node from voting array

30

Presence of query node in putative nodes

Absent

Node 22 -> query image 8
----

23 features detected!

Checking for matches...

```
node 1 checked!...16 matches found!
node 2 checked!...16 matches found!
node 3 checked!...17 matches found!
node 4 checked!...19 matches found!
node 5 checked!...18 matches found!
```

```
node 6 checked!...16 matches found!
node 7 checked!...18 matches found!
node 8 checked!...17 matches found!
node 9 checked!...17 matches found!
node 10 checked!...15 matches found!
node 11 checked!...14 matches found!
node 12 checked!...20 matches found!
node 13 checked!...19 matches found!
node 14 checked!...18 matches found!
node 15 checked!...17 matches found!
node 16 checked!...17 matches found!
node 17 checked!...17 matches found!
node 18 checked!...13 matches found!
node 19 checked!...16 matches found!
node 20 checked!...16 matches found!
node 21 checked!...16 matches found!
node 22 checked!...16 matches found!
node 23 checked!...18 matches found!
node 24 checked!...19 matches found!
node 25 checked!...18 matches found!
node 26 checked!...17 matches found!
node 27 checked!...18 matches found!
node 28 checked!...19 matches found!
node 29 checked!...17 matches found!
node 30 checked!...17 matches found!

Voting array
--------------
[16 16 17 19 18 16 18 17 17 15 14 20 19 18 17 17 17 13 16 16 16 16 18 19 18
 17 18 19 17 17]

Putative nodes
------------
[28 13 24 12  4]

Best matching node from voting array
----------------------------------------
12

Presence of query node in putative nodes
----------------------------------------
Absent


Node 22 -> query image 9
------------------------

73 features detected!

Checking for matches...

node 1 checked!...31 matches found!
node 2 checked!...32 matches found!
node 3 checked!...35 matches found!
node 4 checked!...35 matches found!
node 5 checked!...33 matches found!
node 6 checked!...27 matches found!
node 7 checked!...28 matches found!
node 8 checked!...29 matches found!
node 9 checked!...32 matches found!
node 10 checked!...27 matches found!
node 11 checked!...29 matches found!
```

```
node 12 checked!...28 matches found!
node 13 checked!...28 matches found!
node 14 checked!...34 matches found!
node 15 checked!...31 matches found!
node 16 checked!...34 matches found!
node 17 checked!...34 matches found!
node 18 checked!...32 matches found!
node 19 checked!...27 matches found!
node 20 checked!...29 matches found!
node 21 checked!...35 matches found!
node 22 checked!...25 matches found!
node 23 checked!...32 matches found!
node 24 checked!...33 matches found!
node 25 checked!...30 matches found!
node 26 checked!...33 matches found!
node 27 checked!...35 matches found!
node 28 checked!...30 matches found!
node 29 checked!...29 matches found!
node 30 checked!...34 matches found!


Voting array
--------------
[31 32 35 35 33 27 28 29 32 27 29 28 28 34 31 34 34 32 27 29 35 25 32 33 30
 33 35 30 29 34]

Putative nodes
------------
[14  4 21  3 27]

Best matching node from voting array
----------------------------------------
3

Presence of query node in putative nodes
----------------------------------------
Absent


Node 22 -> query image 10
------------------------

72 features detected!

Checking for matches...

node 1 checked!...33 matches found!
node 2 checked!...33 matches found!
node 3 checked!...35 matches found!
node 4 checked!...38 matches found!
node 5 checked!...33 matches found!
node 6 checked!...36 matches found!
node 7 checked!...34 matches found!
node 8 checked!...34 matches found!
node 9 checked!...32 matches found!
node 10 checked!...33 matches found!
node 11 checked!...34 matches found!
node 12 checked!...34 matches found!
node 13 checked!...36 matches found!
node 14 checked!...35 matches found!
node 15 checked!...31 matches found!
node 16 checked!...37 matches found!
node 17 checked!...33 matches found!
```

```
node 18 checked!...35 matches found!
node 19 checked!...32 matches found!
node 20 checked!...33 matches found!
node 21 checked!...33 matches found!
node 22 checked!...37 matches found!
node 23 checked!...35 matches found!
node 24 checked!...36 matches found!
node 25 checked!...36 matches found!
node 26 checked!...38 matches found!
node 27 checked!...34 matches found!
node 28 checked!...31 matches found!
node 29 checked!...33 matches found!
node 30 checked!...32 matches found!

Voting array
--------------
[33 33 35 38 33 36 34 34 32 33 34 34 36 35 31 37 33 35 32 33 33 37 35 36 36
 38 34 31 33 32]

Putative nodes
-------------
[13 22 16  4 26]

Best matching node from voting array
----------------------------------------
4

Presence of query node in putative nodes
----------------------------------------
Present


Node 22 -> query image 11
------------------------

73 features detected!

Checking for matches...

node 1 checked!...31 matches found!
node 2 checked!...30 matches found!
node 3 checked!...32 matches found!
node 4 checked!...32 matches found!
node 5 checked!...30 matches found!
node 6 checked!...31 matches found!
node 7 checked!...29 matches found!
node 8 checked!...29 matches found!
node 9 checked!...30 matches found!
node 10 checked!...26 matches found!
node 11 checked!...27 matches found!
node 12 checked!...31 matches found!
node 13 checked!...30 matches found!
node 14 checked!...30 matches found!
node 15 checked!...28 matches found!
node 16 checked!...36 matches found!
node 17 checked!...32 matches found!
node 18 checked!...31 matches found!
node 19 checked!...32 matches found!
node 20 checked!...29 matches found!
node 21 checked!...35 matches found!
node 22 checked!...29 matches found!
node 23 checked!...36 matches found!
```

```
node 24 checked!...30 matches found!
node 25 checked!...32 matches found!
node 26 checked!...38 matches found!
node 27 checked!...30 matches found!
node 28 checked!...31 matches found!
node 29 checked!...34 matches found!
node 30 checked!...37 matches found!
```

Voting array

```
[31 30 32 32 30 31 29 29 30 26 27 31 30 30 28 36 32 31 32 29 35 29 36 30 32
 38 30 31 34 37]
```

Putative nodes

```
[21 23 16 26 30]
```

Best matching node from voting array

26

Presence of query node in putative nodes

Absent

Node 22 -> query image 12
----

83 features detected!

Checking for matches...

```
node 1 checked!...30 matches found!
node 2 checked!...32 matches found!
node 3 checked!...31 matches found!
node 4 checked!...34 matches found!
node 5 checked!...33 matches found!
node 6 checked!...28 matches found!
node 7 checked!...30 matches found!
node 8 checked!...32 matches found!
node 9 checked!...31 matches found!
node 10 checked!...30 matches found!
node 11 checked!...32 matches found!
node 12 checked!...27 matches found!
node 13 checked!...35 matches found!
node 14 checked!...31 matches found!
node 15 checked!...32 matches found!
node 16 checked!...32 matches found!
node 17 checked!...35 matches found!
node 18 checked!...36 matches found!
node 19 checked!...32 matches found!
node 20 checked!...36 matches found!
node 21 checked!...33 matches found!
node 22 checked!...33 matches found!
node 23 checked!...38 matches found!
node 24 checked!...39 matches found!
node 25 checked!...30 matches found!
node 26 checked!...33 matches found!
node 27 checked!...36 matches found!
node 28 checked!...39 matches found!
node 29 checked!...32 matches found!
```

node 30 checked!...36 matches found!

Voting array

[30 32 31 34 33 28 30 32 31 30 32 27 35 31 32 32 35 36 32 36 33 33 38 39 30
 33 36 39 32 36]

Putative nodes

[30 24 28 20 23]

Best matching node from voting array

24

Presence of query node in putative nodes

Absent

Node 22 -> query image 13
----

86 features detected!

Checking for matches...

node 1 checked!...28 matches found!
node 2 checked!...30 matches found!
node 3 checked!...37 matches found!
node 4 checked!...34 matches found!
node 5 checked!...34 matches found!
node 6 checked!...35 matches found!
node 7 checked!...36 matches found!
node 8 checked!...39 matches found!
node 9 checked!...39 matches found!
node 10 checked!...35 matches found!
node 11 checked!...34 matches found!
node 12 checked!...35 matches found!
node 13 checked!...39 matches found!
node 14 checked!...29 matches found!
node 15 checked!...36 matches found!
node 16 checked!...39 matches found!
node 17 checked!...41 matches found!
node 18 checked!...34 matches found!
node 19 checked!...29 matches found!
node 20 checked!...33 matches found!
node 21 checked!...37 matches found!
node 22 checked!...33 matches found!
node 23 checked!...39 matches found!
node 24 checked!...39 matches found!
node 25 checked!...32 matches found!
node 26 checked!...37 matches found!
node 27 checked!...41 matches found!
node 28 checked!...36 matches found!
node 29 checked!...33 matches found!
node 30 checked!...39 matches found!

Voting array

[28 30 37 34 34 35 36 39 39 35 34 35 39 29 36 39 41 34 29 33 37 33 39 39 32
 37 41 36 33 39]

Putative nodes

[13 23 9 27 17]

Best matching node from voting array

17

Presence of query node in putative nodes

Absent

Node 22 -> query image 14
----

40 features detected!

Checking for matches...

node 1 checked!...18 matches found!
node 2 checked!...21 matches found!
node 3 checked!...19 matches found!
node 4 checked!...20 matches found!
node 5 checked!...19 matches found!
node 6 checked!...16 matches found!
node 7 checked!...17 matches found!
node 8 checked!...19 matches found!
node 9 checked!...16 matches found!
node 10 checked!...19 matches found!
node 11 checked!...22 matches found!
node 12 checked!...20 matches found!
node 13 checked!...16 matches found!
node 14 checked!...21 matches found!
node 15 checked!...21 matches found!
node 16 checked!...21 matches found!
node 17 checked!...18 matches found!
node 18 checked!...23 matches found!
node 19 checked!...17 matches found!
node 20 checked!...21 matches found!
node 21 checked!...24 matches found!
node 22 checked!...16 matches found!
node 23 checked!...23 matches found!
node 24 checked!...19 matches found!
node 25 checked!...19 matches found!
node 26 checked!...24 matches found!
node 27 checked!...20 matches found!
node 28 checked!...20 matches found!
node 29 checked!...17 matches found!
node 30 checked!...23 matches found!

Voting array

[18 21 19 20 19 16 17 19 16 19 22 20 16 21 21 21 18 23 17 21 24 16 23 19 19
 24 20 20 17 23]

Putative nodes

[30 26 18 23 21]

Best matching node from voting array

```
----------------------------------------
21

Presence of query node in putative nodes
----------------------------------------
Absent


Node 22 -> query image 15
-------------------------

75 features detected!

Checking for matches...

node 1 checked!...29 matches found!
node 2 checked!...36 matches found!
node 3 checked!...31 matches found!
node 4 checked!...35 matches found!
node 5 checked!...32 matches found!
node 6 checked!...34 matches found!
node 7 checked!...30 matches found!
node 8 checked!...34 matches found!
node 9 checked!...30 matches found!
node 10 checked!...31 matches found!
node 11 checked!...29 matches found!
node 12 checked!...32 matches found!
node 13 checked!...31 matches found!
node 14 checked!...32 matches found!
node 15 checked!...31 matches found!
node 16 checked!...35 matches found!
node 17 checked!...33 matches found!
node 18 checked!...33 matches found!
node 19 checked!...32 matches found!
node 20 checked!...30 matches found!
node 21 checked!...35 matches found!
node 22 checked!...31 matches found!
node 23 checked!...35 matches found!
node 24 checked!...36 matches found!
node 25 checked!...30 matches found!
node 26 checked!...32 matches found!
node 27 checked!...33 matches found!
node 28 checked!...35 matches found!
node 29 checked!...34 matches found!
node 30 checked!...33 matches found!

Voting array
--------------
[29 36 31 35 32 34 30 34 30 31 29 32 31 32 31 35 33 33 32 30 35 31 35 36 30
 32 33 35 34 33]

Putative nodes
------------
[21 23 16  2 24]

Best matching node from voting array
----------------------------------------
2

Presence of query node in putative nodes
----------------------------------------
Absent
```

Node 22 -> query image 16
----

86 features detected!

Checking for matches...

node 1 checked!...31 matches found!
node 2 checked!...35 matches found!
node 3 checked!...33 matches found!
node 4 checked!...37 matches found!
node 5 checked!...33 matches found!
node 6 checked!...33 matches found!
node 7 checked!...34 matches found!
node 8 checked!...35 matches found!
node 9 checked!...33 matches found!
node 10 checked!...32 matches found!
node 11 checked!...29 matches found!
node 12 checked!...31 matches found!
node 13 checked!...30 matches found!
node 14 checked!...32 matches found!
node 15 checked!...29 matches found!
node 16 checked!...36 matches found!
node 17 checked!...35 matches found!
node 18 checked!...35 matches found!
node 19 checked!...36 matches found!
node 20 checked!...28 matches found!
node 21 checked!...30 matches found!
node 22 checked!...31 matches found!
node 23 checked!...38 matches found!
node 24 checked!...36 matches found!
node 25 checked!...32 matches found!
node 26 checked!...37 matches found!
node 27 checked!...33 matches found!
node 28 checked!...35 matches found!
node 29 checked!...34 matches found!
node 30 checked!...33 matches found!

Voting array

[31 35 33 37 33 33 34 35 33 32 29 31 30 32 29 36 35 35 36 28 30 31 38 36 32
 37 33 35 34 33]

Putative nodes

[24 16 4 26 23]

Best matching node from voting array

23

Presence of query node in putative nodes

Absent

Node 22 -> query image 17
----

77 features detected!

Checking for matches...

node 1 checked!...36 matches found!
node 2 checked!...34 matches found!
node 3 checked!...36 matches found!
node 4 checked!...34 matches found!
node 5 checked!...32 matches found!
node 6 checked!...34 matches found!
node 7 checked!...31 matches found!
node 8 checked!...32 matches found!
node 9 checked!...29 matches found!
node 10 checked!...32 matches found!
node 11 checked!...36 matches found!
node 12 checked!...28 matches found!
node 13 checked!...37 matches found!
node 14 checked!...31 matches found!
node 15 checked!...28 matches found!
node 16 checked!...35 matches found!
node 17 checked!...37 matches found!
node 18 checked!...36 matches found!
node 19 checked!...29 matches found!
node 20 checked!...36 matches found!
node 21 checked!...36 matches found!
node 22 checked!...36 matches found!
node 23 checked!...38 matches found!
node 24 checked!...33 matches found!
node 25 checked!...33 matches found!
node 26 checked!...35 matches found!
node 27 checked!...33 matches found!
node 28 checked!...35 matches found!
node 29 checked!...35 matches found!
node 30 checked!...35 matches found!

Voting array

[36 34 36 34 32 34 31 32 29 32 36 28 37 31 28 35 37 36 29 36 36 36 38 33 33
 35 33 35 35 35]

Putative nodes

[22 18 17 13 23]

Best matching node from voting array

23

Presence of query node in putative nodes

Present

Node 22 -> query image 18
----

87 features detected!

Checking for matches...

node 1 checked!...32 matches found!
node 2 checked!...33 matches found!
node 3 checked!...38 matches found!

```
node 4 checked!...38 matches found!
node 5 checked!...36 matches found!
node 6 checked!...34 matches found!
node 7 checked!...37 matches found!
node 8 checked!...39 matches found!
node 9 checked!...35 matches found!
node 10 checked!...39 matches found!
node 11 checked!...33 matches found!
node 12 checked!...40 matches found!
node 13 checked!...43 matches found!
node 14 checked!...35 matches found!
node 15 checked!...33 matches found!
node 16 checked!...40 matches found!
node 17 checked!...34 matches found!
node 18 checked!...33 matches found!
node 19 checked!...35 matches found!
node 20 checked!...35 matches found!
node 21 checked!...39 matches found!
node 22 checked!...36 matches found!
node 23 checked!...37 matches found!
node 24 checked!...41 matches found!
node 25 checked!...40 matches found!
node 26 checked!...43 matches found!
node 27 checked!...41 matches found!
node 28 checked!...37 matches found!
node 29 checked!...35 matches found!
node 30 checked!...40 matches found!

Voting array
--------------
[32 33 38 38 36 34 37 39 35 39 33 40 43 35 33 40 34 33 35 35 39 36 37 41 40
 43 41 37 35 40]

Putative nodes
------------
[12 24 27 13 26]

Best matching node from voting array
----------------------------------------
13

Presence of query node in putative nodes
----------------------------------------
Absent


Node 22 -> query image 19
------------------------

81 features detected!

Checking for matches...

node 1 checked!...28 matches found!
node 2 checked!...31 matches found!
node 3 checked!...31 matches found!
node 4 checked!...36 matches found!
node 5 checked!...32 matches found!
node 6 checked!...31 matches found!
node 7 checked!...28 matches found!
node 8 checked!...28 matches found!
node 9 checked!...31 matches found!
```

```
node 10 checked!...32 matches found!
node 11 checked!...32 matches found!
node 12 checked!...31 matches found!
node 13 checked!...29 matches found!
node 14 checked!...36 matches found!
node 15 checked!...28 matches found!
node 16 checked!...34 matches found!
node 17 checked!...38 matches found!
node 18 checked!...30 matches found!
node 19 checked!...30 matches found!
node 20 checked!...35 matches found!
node 21 checked!...36 matches found!
node 22 checked!...32 matches found!
node 23 checked!...34 matches found!
node 24 checked!...33 matches found!
node 25 checked!...30 matches found!
node 26 checked!...33 matches found!
node 27 checked!...33 matches found!
node 28 checked!...31 matches found!
node 29 checked!...28 matches found!
node 30 checked!...32 matches found!


Voting array
--------------
[28 31 31 36 32 31 28 28 31 32 32 31 29 36 28 34 38 30 30 35 36 32 34 33 30
 33 33 31 28 32]

Putative nodes
------------
[20  4 14 21 17]

Best matching node from voting array
----------------------------------------
17

Presence of query node in putative nodes
----------------------------------------
Absent


Node 22 -> query image 20
------------------------

92 features detected!

Checking for matches...

node 1 checked!...28 matches found!
node 2 checked!...33 matches found!
node 3 checked!...33 matches found!
node 4 checked!...42 matches found!
node 5 checked!...31 matches found!
node 6 checked!...34 matches found!
node 7 checked!...31 matches found!
node 8 checked!...35 matches found!
node 9 checked!...31 matches found!
node 10 checked!...30 matches found!
node 11 checked!...30 matches found!
node 12 checked!...33 matches found!
node 13 checked!...37 matches found!
node 14 checked!...34 matches found!
node 15 checked!...32 matches found!
```

```
node 16 checked!...33 matches found!
node 17 checked!...35 matches found!
node 18 checked!...35 matches found!
node 19 checked!...33 matches found!
node 20 checked!...32 matches found!
node 21 checked!...40 matches found!
node 22 checked!...35 matches found!
node 23 checked!...34 matches found!
node 24 checked!...33 matches found!
node 25 checked!...34 matches found!
node 26 checked!...33 matches found!
node 27 checked!...39 matches found!
node 28 checked!...34 matches found!
node 29 checked!...37 matches found!
node 30 checked!...40 matches found!


Voting array
--------------
[28 33 33 42 31 34 31 35 31 30 30 33 37 34 32 33 35 35 33 32 40 35 34 33 34
 33 39 34 37 40]

Putative nodes
-------------
[13 27 21  4 30]

Best matching node from voting array
----------------------------------------
4

Presence of query node in putative nodes
----------------------------------------
Absent


Node 22 -> query image 21
------------------------

95 features detected!

Checking for matches...

node 1 checked!...30 matches found!
node 2 checked!...35 matches found!
node 3 checked!...31 matches found!
node 4 checked!...39 matches found!
node 5 checked!...36 matches found!
node 6 checked!...36 matches found!
node 7 checked!...36 matches found!
node 8 checked!...33 matches found!
node 9 checked!...32 matches found!
node 10 checked!...35 matches found!
node 11 checked!...37 matches found!
node 12 checked!...29 matches found!
node 13 checked!...41 matches found!
node 14 checked!...35 matches found!
node 15 checked!...34 matches found!
node 16 checked!...34 matches found!
node 17 checked!...34 matches found!
node 18 checked!...37 matches found!
node 19 checked!...35 matches found!
node 20 checked!...32 matches found!
node 21 checked!...31 matches found!
```

```
node 22 checked!...39 matches found!
node 23 checked!...42 matches found!
node 24 checked!...38 matches found!
node 25 checked!...35 matches found!
node 26 checked!...34 matches found!
node 27 checked!...34 matches found!
node 28 checked!...36 matches found!
node 29 checked!...32 matches found!
node 30 checked!...33 matches found!

Voting array
--------------
[30 35 31 39 36 36 36 33 32 35 37 29 41 35 34 34 34 37 35 32 31 39 42 38 35
 34 34 36 32 33]

Putative nodes
------------
[24  4 22 23 13]

Best matching node from voting array
----------------------------------------
23

Presence of query node in putative nodes
----------------------------------------
Present


Node 22 -> query image 22
------------------------

90 features detected!

Checking for matches...

node 1 checked!...35 matches found!
node 2 checked!...35 matches found!
node 3 checked!...38 matches found!
node 4 checked!...39 matches found!
node 5 checked!...37 matches found!
node 6 checked!...33 matches found!
node 7 checked!...38 matches found!
node 8 checked!...41 matches found!
node 9 checked!...32 matches found!
node 10 checked!...37 matches found!
node 11 checked!...34 matches found!
node 12 checked!...37 matches found!
node 13 checked!...38 matches found!
node 14 checked!...34 matches found!
node 15 checked!...33 matches found!
node 16 checked!...37 matches found!
node 17 checked!...34 matches found!
node 18 checked!...33 matches found!
node 19 checked!...32 matches found!
node 20 checked!...39 matches found!
node 21 checked!...36 matches found!
node 22 checked!...39 matches found!
node 23 checked!...35 matches found!
node 24 checked!...41 matches found!
node 25 checked!...39 matches found!
node 26 checked!...37 matches found!
node 27 checked!...44 matches found!
```

```
node 28 checked!...35 matches found!
node 29 checked!...32 matches found!
node 30 checked!...37 matches found!

Voting array
--------------
[35 35 38 39 37 33 38 41 32 37 34 37 38 34 33 37 34 33 32 39 36 39 35 41 39
 37 44 35 32 37]

Putative nodes
------------
[25 22 27  8 24]

Best matching node from voting array
----------------------------------------
27

Presence of query node in putative nodes
----------------------------------------
Present


Node 22 -> query image 23
------------------------

99 features detected!

Checking for matches...

node 1 checked!...34 matches found!
node 2 checked!...28 matches found!
node 3 checked!...33 matches found!
node 4 checked!...38 matches found!
node 5 checked!...34 matches found!
node 6 checked!...32 matches found!
node 7 checked!...34 matches found!
node 8 checked!...38 matches found!
node 9 checked!...29 matches found!
node 10 checked!...30 matches found!
node 11 checked!...40 matches found!
node 12 checked!...36 matches found!
node 13 checked!...35 matches found!
node 14 checked!...36 matches found!
node 15 checked!...36 matches found!
node 16 checked!...38 matches found!
node 17 checked!...38 matches found!
node 18 checked!...35 matches found!
node 19 checked!...34 matches found!
node 20 checked!...32 matches found!
node 21 checked!...38 matches found!
node 22 checked!...33 matches found!
node 23 checked!...43 matches found!
node 24 checked!...42 matches found!
node 25 checked!...34 matches found!
node 26 checked!...38 matches found!
node 27 checked!...37 matches found!
node 28 checked!...36 matches found!
node 29 checked!...30 matches found!
node 30 checked!...33 matches found!

Voting array
--------------
```

```
[34 28 33 38 34 32 34 38 29 30 40 36 35 36 36 38 38 35 34 32 38 33 43 42 34
 38 37 36 30 33]
```

Putative nodes

[17 21 11 24 23]

Best matching node from voting array

23

Presence of query node in putative nodes

Absent

Node 22 -> query image 24
----

100 features detected!

Checking for matches...

node 1 checked!...34 matches found!
node 2 checked!...30 matches found!
node 3 checked!...34 matches found!
node 4 checked!...34 matches found!
node 5 checked!...36 matches found!
node 6 checked!...35 matches found!
node 7 checked!...31 matches found!
node 8 checked!...37 matches found!
node 9 checked!...27 matches found!
node 10 checked!...34 matches found!
node 11 checked!...37 matches found!
node 12 checked!...34 matches found!
node 13 checked!...33 matches found!
node 14 checked!...36 matches found!
node 15 checked!...35 matches found!
node 16 checked!...38 matches found!
node 17 checked!...38 matches found!
node 18 checked!...41 matches found!
node 19 checked!...37 matches found!
node 20 checked!...34 matches found!
node 21 checked!...38 matches found!
node 22 checked!...35 matches found!
node 23 checked!...41 matches found!
node 24 checked!...40 matches found!
node 25 checked!...36 matches found!
node 26 checked!...37 matches found!
node 27 checked!...38 matches found!
node 28 checked!...34 matches found!
node 29 checked!...33 matches found!
node 30 checked!...35 matches found!

Voting array

```
[34 30 34 34 36 35 31 37 27 34 37 34 33 36 35 38 38 41 37 34 38 35 41 40 36
 37 38 34 33 35]
```

Putative nodes

[16 24 18 21 23]

Best matching node from voting array

18

Presence of query node in putative nodes

Absent

Node 22 -> query image 25
----

85 features detected!

Checking for matches...

node 1 checked!...30 matches found!
node 2 checked!...38 matches found!
node 3 checked!...33 matches found!
node 4 checked!...35 matches found!
node 5 checked!...32 matches found!
node 6 checked!...32 matches found!
node 7 checked!...30 matches found!
node 8 checked!...33 matches found!
node 9 checked!...30 matches found!
node 10 checked!...35 matches found!
node 11 checked!...37 matches found!
node 12 checked!...33 matches found!
node 13 checked!...34 matches found!
node 14 checked!...35 matches found!
node 15 checked!...32 matches found!
node 16 checked!...32 matches found!
node 17 checked!...34 matches found!
node 18 checked!...33 matches found!
node 19 checked!...32 matches found!
node 20 checked!...34 matches found!
node 21 checked!...32 matches found!
node 22 checked!...39 matches found!
node 23 checked!...40 matches found!
node 24 checked!...35 matches found!
node 25 checked!...29 matches found!
node 26 checked!...27 matches found!
node 27 checked!...33 matches found!
node 28 checked!...32 matches found!
node 29 checked!...27 matches found!
node 30 checked!...33 matches found!

Voting array

[30 38 33 35 32 32 30 33 30 35 37 33 34 35 32 32 34 33 32 34 32 39 40 35 29
 27 33 32 27 33]

Putative nodes

[24 11 2 22 23]

Best matching node from voting array

23

Presence of query node in putative nodes

Present

Node 22 -> query image 26
----

89 features detected!

Checking for matches...

node 1 checked!...37 matches found!
node 2 checked!...32 matches found!
node 3 checked!...36 matches found!
node 4 checked!...37 matches found!
node 5 checked!...37 matches found!
node 6 checked!...36 matches found!
node 7 checked!...37 matches found!
node 8 checked!...42 matches found!
node 9 checked!...34 matches found!
node 10 checked!...33 matches found!
node 11 checked!...33 matches found!
node 12 checked!...35 matches found!
node 13 checked!...38 matches found!
node 14 checked!...34 matches found!
node 15 checked!...31 matches found!
node 16 checked!...37 matches found!
node 17 checked!...39 matches found!
node 18 checked!...41 matches found!
node 19 checked!...33 matches found!
node 20 checked!...42 matches found!
node 21 checked!...38 matches found!
node 22 checked!...39 matches found!
node 23 checked!...38 matches found!
node 24 checked!...43 matches found!
node 25 checked!...35 matches found!
node 26 checked!...36 matches found!
node 27 checked!...37 matches found!
node 28 checked!...38 matches found!
node 29 checked!...35 matches found!
node 30 checked!...38 matches found!

Voting array

[37 32 36 37 37 36 37 42 34 33 33 35 38 34 31 37 39 41 33 42 38 39 38 43 35
 36 37 38 35 38]

Putative nodes

[17 24 20 8 18]

Best matching node from voting array

24

Presence of query node in putative nodes

Absent

Node 22 -> query image 27
----

95 features detected!

Checking for matches...

node 1 checked!...38 matches found!
node 2 checked!...35 matches found!
node 3 checked!...38 matches found!
node 4 checked!...39 matches found!
node 5 checked!...42 matches found!
node 6 checked!...34 matches found!
node 7 checked!...40 matches found!
node 8 checked!...44 matches found!
node 9 checked!...32 matches found!
node 10 checked!...36 matches found!
node 11 checked!...37 matches found!
node 12 checked!...40 matches found!
node 13 checked!...39 matches found!
node 14 checked!...35 matches found!
node 15 checked!...35 matches found!
node 16 checked!...38 matches found!
node 17 checked!...33 matches found!
node 18 checked!...37 matches found!
node 19 checked!...31 matches found!
node 20 checked!...42 matches found!
node 21 checked!...39 matches found!
node 22 checked!...41 matches found!
node 23 checked!...40 matches found!
node 24 checked!...45 matches found!
node 25 checked!...38 matches found!
node 26 checked!...40 matches found!
node 27 checked!...41 matches found!
node 28 checked!...39 matches found!
node 29 checked!...32 matches found!
node 30 checked!...36 matches found!

Voting array

[38 35 38 39 42 34 40 44 32 36 37 40 39 35 35 38 33 37 31 42 39 41 40 45 38
 40 41 39 32 36]

Putative nodes

[27 5 8 24 20]

Best matching node from voting array

24

Presence of query node in putative nodes

Absent

Node 22 -> query image 28
----

98 features detected!

Checking for matches...

node 1 checked!...32 matches found!

```
node 2 checked!...28 matches found!
node 3 checked!...30 matches found!
node 4 checked!...33 matches found!
node 5 checked!...36 matches found!
node 6 checked!...34 matches found!
node 7 checked!...30 matches found!
node 8 checked!...36 matches found!
node 9 checked!...28 matches found!
node 10 checked!...32 matches found!
node 11 checked!...33 matches found!
node 12 checked!...31 matches found!
node 13 checked!...30 matches found!
node 14 checked!...32 matches found!
node 15 checked!...34 matches found!
node 16 checked!...36 matches found!
node 17 checked!...37 matches found!
node 18 checked!...38 matches found!
node 19 checked!...35 matches found!
node 20 checked!...31 matches found!
node 21 checked!...35 matches found!
node 22 checked!...33 matches found!
node 23 checked!...39 matches found!
node 24 checked!...38 matches found!
node 25 checked!...33 matches found!
node 26 checked!...36 matches found!
node 27 checked!...33 matches found!
node 28 checked!...35 matches found!
node 29 checked!...30 matches found!
node 30 checked!...33 matches found!

Voting array
--------------
[32 28 30 33 36 34 30 36 28 32 33 31 30 32 34 36 37 38 35 31 35 33 39 38 33
 36 33 35 30 33]

Putative nodes
------------
[ 8 17 24 18 23]

Best matching node from voting array
----------------------------------------
23

Presence of query node in putative nodes
----------------------------------------
Absent


Node 22 -> query image 29
------------------------

95 features detected!

Checking for matches...

node 1 checked!...30 matches found!
node 2 checked!...36 matches found!
node 3 checked!...32 matches found!
node 4 checked!...38 matches found!
node 5 checked!...30 matches found!
node 6 checked!...31 matches found!
node 7 checked!...35 matches found!
```

```
node 8 checked!...30 matches found!
node 9 checked!...33 matches found!
node 10 checked!...33 matches found!
node 11 checked!...35 matches found!
node 12 checked!...31 matches found!
node 13 checked!...37 matches found!
node 14 checked!...33 matches found!
node 15 checked!...30 matches found!
node 16 checked!...32 matches found!
node 17 checked!...37 matches found!
node 18 checked!...31 matches found!
node 19 checked!...37 matches found!
node 20 checked!...35 matches found!
node 21 checked!...35 matches found!
node 22 checked!...42 matches found!
node 23 checked!...41 matches found!
node 24 checked!...37 matches found!
node 25 checked!...32 matches found!
node 26 checked!...31 matches found!
node 27 checked!...33 matches found!
node 28 checked!...33 matches found!
node 29 checked!...32 matches found!
node 30 checked!...31 matches found!


Voting array
--------------
[30 36 32 38 30 31 35 30 33 33 35 31 37 33 30 32 37 31 37 35 35 42 41 37 32
 31 33 33 32 31]

Putative nodes
------------
[19 13  4 23 22]

Best matching node from voting array
----------------------------------------
22

Presence of query node in putative nodes
----------------------------------------
Present


Node 22 -> query image 30
------------------------

95 features detected!

Checking for matches...

node 1 checked!...37 matches found!
node 2 checked!...35 matches found!
node 3 checked!...37 matches found!
node 4 checked!...37 matches found!
node 5 checked!...41 matches found!
node 6 checked!...37 matches found!
node 7 checked!...38 matches found!
node 8 checked!...44 matches found!
node 9 checked!...31 matches found!
node 10 checked!...35 matches found!
node 11 checked!...36 matches found!
node 12 checked!...39 matches found!
node 13 checked!...40 matches found!
```

```
node 14 checked!...37 matches found!
node 15 checked!...35 matches found!
node 16 checked!...39 matches found!
node 17 checked!...33 matches found!
node 18 checked!...39 matches found!
node 19 checked!...34 matches found!
node 20 checked!...41 matches found!
node 21 checked!...41 matches found!
node 22 checked!...40 matches found!
node 23 checked!...42 matches found!
node 24 checked!...43 matches found!
node 25 checked!...38 matches found!
node 26 checked!...37 matches found!
node 27 checked!...41 matches found!
node 28 checked!...36 matches found!
node 29 checked!...34 matches found!
node 30 checked!...36 matches found!
```

Voting array

[37 35 37 37 41 37 38 44 31 35 36 39 40 37 35 39 33 39 34 41 41 40 42 43 38
 37 41 36 34 36]

Putative nodes

[21 5 23 24 8]

Best matching node from voting array

8

Presence of query node in putative nodes

Absent

Node 22 -> query image 31
----

96 features detected!

Checking for matches...

```
node 1 checked!...35 matches found!
node 2 checked!...31 matches found!
node 3 checked!...37 matches found!
node 4 checked!...39 matches found!
node 5 checked!...39 matches found!
node 6 checked!...32 matches found!
node 7 checked!...41 matches found!
node 8 checked!...44 matches found!
node 9 checked!...36 matches found!
node 10 checked!...41 matches found!
node 11 checked!...35 matches found!
node 12 checked!...40 matches found!
node 13 checked!...44 matches found!
node 14 checked!...38 matches found!
node 15 checked!...37 matches found!
node 16 checked!...42 matches found!
node 17 checked!...39 matches found!
node 18 checked!...35 matches found!
node 19 checked!...39 matches found!
```

```
node 20 checked!...39 matches found!
node 21 checked!...40 matches found!
node 22 checked!...38 matches found!
node 23 checked!...43 matches found!
node 24 checked!...46 matches found!
node 25 checked!...39 matches found!
node 26 checked!...42 matches found!
node 27 checked!...41 matches found!
node 28 checked!...40 matches found!
node 29 checked!...35 matches found!
node 30 checked!...39 matches found!
```

Voting array

```
[35 31 37 39 39 32 41 44 36 41 35 40 44 38 37 42 39 35 39 39 40 38 43 46 39
 42 41 40 35 39]
```

Putative nodes

```
[26 23  8 13 24]
```

Best matching node from voting array

24

Presence of query node in putative nodes

Absent

Node 22 -> query image 32
----

85 features detected!

Checking for matches...

```
node 1 checked!...30 matches found!
node 2 checked!...29 matches found!
node 3 checked!...30 matches found!
node 4 checked!...33 matches found!
node 5 checked!...36 matches found!
node 6 checked!...32 matches found!
node 7 checked!...30 matches found!
node 8 checked!...35 matches found!
node 9 checked!...25 matches found!
node 10 checked!...31 matches found!
node 11 checked!...32 matches found!
node 12 checked!...26 matches found!
node 13 checked!...31 matches found!
node 14 checked!...34 matches found!
node 15 checked!...29 matches found!
node 16 checked!...31 matches found!
node 17 checked!...30 matches found!
node 18 checked!...38 matches found!
node 19 checked!...32 matches found!
node 20 checked!...29 matches found!
node 21 checked!...36 matches found!
node 22 checked!...28 matches found!
node 23 checked!...40 matches found!
node 24 checked!...35 matches found!
node 25 checked!...38 matches found!
```

```
node 26 checked!...34 matches found!
node 27 checked!...33 matches found!
node 28 checked!...27 matches found!
node 29 checked!...29 matches found!
node 30 checked!...34 matches found!

Voting array
--------------
[30 29 30 33 36 32 30 35 25 31 32 26 31 34 29 31 30 38 32 29 36 28 40 35 38
 34 33 27 29 34]

Putative nodes
------------
[ 5 21 18 25 23]

Best matching node from voting array
----------------------------------------
23

Presence of query node in putative nodes
----------------------------------------
Absent


Node 22 -> query image 33
-----------------------

86 features detected!

Checking for matches...

node 1 checked!...32 matches found!
node 2 checked!...28 matches found!
node 3 checked!...32 matches found!
node 4 checked!...33 matches found!
node 5 checked!...34 matches found!
node 6 checked!...28 matches found!
node 7 checked!...30 matches found!
node 8 checked!...31 matches found!
node 9 checked!...27 matches found!
node 10 checked!...32 matches found!
node 11 checked!...31 matches found!
node 12 checked!...28 matches found!
node 13 checked!...36 matches found!
node 14 checked!...32 matches found!
node 15 checked!...32 matches found!
node 16 checked!...32 matches found!
node 17 checked!...36 matches found!
node 18 checked!...29 matches found!
node 19 checked!...25 matches found!
node 20 checked!...29 matches found!
node 21 checked!...29 matches found!
node 22 checked!...31 matches found!
node 23 checked!...37 matches found!
node 24 checked!...36 matches found!
node 25 checked!...32 matches found!
node 26 checked!...35 matches found!
node 27 checked!...34 matches found!
node 28 checked!...29 matches found!
node 29 checked!...28 matches found!
node 30 checked!...34 matches found!
```

Voting array

[32 28 32 33 34 28 30 31 27 32 31 28 36 32 32 32 36 29 25 29 29 31 37 36 32
 35 34 29 28 34]

Putative nodes

[26 17 23 13 24]

Best matching node from voting array

23

Presence of query node in putative nodes

Absent

Node 22 -> query image 34
----

1 features detected!

Checking for matches...

node 1 checked!...1 matches found!
node 2 checked!...1 matches found!
node 3 checked!...1 matches found!
node 4 checked!...1 matches found!
node 5 checked!...1 matches found!
node 6 checked!...1 matches found!
node 7 checked!...1 matches found!
node 8 checked!...1 matches found!
node 9 checked!...1 matches found!
node 10 checked!...1 matches found!
node 11 checked!...1 matches found!
node 12 checked!...1 matches found!
node 13 checked!...1 matches found!
node 14 checked!...1 matches found!
node 15 checked!...1 matches found!
node 16 checked!...1 matches found!
node 17 checked!...1 matches found!
node 18 checked!...1 matches found!
node 19 checked!...1 matches found!
node 20 checked!...1 matches found!
node 21 checked!...1 matches found!
node 22 checked!...1 matches found!
node 23 checked!...1 matches found!
node 24 checked!...1 matches found!
node 25 checked!...1 matches found!
node 26 checked!...1 matches found!
node 27 checked!...1 matches found!
node 28 checked!...1 matches found!
node 29 checked!...1 matches found!
node 30 checked!...1 matches found!

Voting array

[1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1]

Putative nodes

[11 14 12 10 30]

Best matching node from voting array

1

Presence of query node in putative nodes

Absent

Node 22 -> query image 35
----

9 features detected!

Checking for matches...

node 1 checked!...7 matches found!
node 2 checked!...7 matches found!
node 3 checked!...7 matches found!
node 4 checked!...7 matches found!
node 5 checked!...7 matches found!
node 6 checked!...7 matches found!
node 7 checked!...7 matches found!
node 8 checked!...7 matches found!
node 9 checked!...7 matches found!
node 10 checked!...7 matches found!
node 11 checked!...7 matches found!
node 12 checked!...7 matches found!
node 13 checked!...7 matches found!
node 14 checked!...7 matches found!
node 15 checked!...6 matches found!
node 16 checked!...7 matches found!
node 17 checked!...7 matches found!
node 18 checked!...7 matches found!
node 19 checked!...7 matches found!
node 20 checked!...7 matches found!
node 21 checked!...7 matches found!
node 22 checked!...7 matches found!
node 23 checked!...7 matches found!
node 24 checked!...7 matches found!
node 25 checked!...7 matches found!
node 26 checked!...6 matches found!
node 27 checked!...7 matches found!
node 28 checked!...7 matches found!
node 29 checked!...6 matches found!
node 30 checked!...7 matches found!

Voting array

[7 7 7 7 7 7 7 7 7 7 7 7 7 6 7 7 7 7 7 7 7 7 7 7 6 7 7 6 7]

Putative nodes

[11 14 12 10 30]

Best matching node from voting array

1

Presence of query node in putative nodes

Absent

Node 22 -> query image 36
----

74 features detected!

Checking for matches...

node 1 checked!...26 matches found!
node 2 checked!...24 matches found!
node 3 checked!...27 matches found!
node 4 checked!...30 matches found!
node 5 checked!...30 matches found!
node 6 checked!...28 matches found!
node 7 checked!...25 matches found!
node 8 checked!...27 matches found!
node 9 checked!...23 matches found!
node 10 checked!...29 matches found!
node 11 checked!...28 matches found!
node 12 checked!...25 matches found!
node 13 checked!...30 matches found!
node 14 checked!...25 matches found!
node 15 checked!...26 matches found!
node 16 checked!...31 matches found!
node 17 checked!...31 matches found!
node 18 checked!...24 matches found!
node 19 checked!...28 matches found!
node 20 checked!...28 matches found!
node 21 checked!...35 matches found!
node 22 checked!...27 matches found!
node 23 checked!...30 matches found!
node 24 checked!...29 matches found!
node 25 checked!...30 matches found!
node 26 checked!...33 matches found!
node 27 checked!...30 matches found!
node 28 checked!...30 matches found!
node 29 checked!...30 matches found!
node 30 checked!...29 matches found!

Voting array

[26 24 27 30 30 28 25 27 23 29 28 25 30 25 26 31 31 24 28 28 35 27 30 29 30
 33 30 30 30 29]

Putative nodes

[23 17 26 21 16]

Best matching node from voting array

21

Presence of query node in putative nodes

Absent

Node 22 -> query image 37
----

78 features detected!

Checking for matches...

node 1 checked!...29 matches found!
node 2 checked!...29 matches found!
node 3 checked!...32 matches found!
node 4 checked!...36 matches found!
node 5 checked!...31 matches found!
node 6 checked!...29 matches found!
node 7 checked!...27 matches found!
node 8 checked!...27 matches found!
node 9 checked!...26 matches found!
node 10 checked!...28 matches found!
node 11 checked!...33 matches found!
node 12 checked!...28 matches found!
node 13 checked!...29 matches found!
node 14 checked!...28 matches found!
node 15 checked!...25 matches found!
node 16 checked!...32 matches found!
node 17 checked!...36 matches found!
node 18 checked!...33 matches found!
node 19 checked!...32 matches found!
node 20 checked!...31 matches found!
node 21 checked!...38 matches found!
node 22 checked!...24 matches found!
node 23 checked!...35 matches found!
node 24 checked!...33 matches found!
node 25 checked!...29 matches found!
node 26 checked!...33 matches found!
node 27 checked!...34 matches found!
node 28 checked!...31 matches found!
node 29 checked!...29 matches found!
node 30 checked!...30 matches found!

Voting array

[29 29 32 36 31 29 27 27 26 28 33 28 29 28 25 32 36 33 32 31 38 24 35 33 29
 33 34 31 29 30]

Putative nodes

[27 23 17 21 4]

Best matching node from voting array

21

Presence of query node in putative nodes

Absent

Node 22 -> query image 38
----

58 features detected!

Checking for matches...

node 1 checked!...30 matches found!

```
node 2 checked!...26 matches found!
node 3 checked!...25 matches found!
node 4 checked!...29 matches found!
node 5 checked!...27 matches found!
node 6 checked!...25 matches found!
node 7 checked!...28 matches found!
node 8 checked!...29 matches found!
node 9 checked!...25 matches found!
node 10 checked!...29 matches found!
node 11 checked!...25 matches found!
node 12 checked!...27 matches found!
node 13 checked!...31 matches found!
node 14 checked!...27 matches found!
node 15 checked!...26 matches found!
node 16 checked!...28 matches found!
node 17 checked!...33 matches found!
node 18 checked!...27 matches found!
node 19 checked!...25 matches found!
node 20 checked!...29 matches found!
node 21 checked!...28 matches found!
node 22 checked!...28 matches found!
node 23 checked!...30 matches found!
node 24 checked!...28 matches found!
node 25 checked!...26 matches found!
node 26 checked!...30 matches found!
node 27 checked!...29 matches found!
node 28 checked!...32 matches found!
node 29 checked!...28 matches found!
node 30 checked!...30 matches found!
```

Voting array

[30 26 25 29 27 25 28 29 25 29 25 27 31 27 26 28 33 27 25 29 28 28 30 28 26
 30 29 32 28 30]

Putative nodes

[30 23 17 13 28]

Best matching node from voting array

17

Presence of query node in putative nodes

Absent

Node 22 -> query image 39
----

67 features detected!

Checking for matches...

```
node 1 checked!...30 matches found!
node 2 checked!...31 matches found!
node 3 checked!...28 matches found!
node 4 checked!...33 matches found!
node 5 checked!...32 matches found!
node 6 checked!...34 matches found!
node 7 checked!...27 matches found!
```

```
node 8 checked!...29 matches found!
node 9 checked!...27 matches found!
node 10 checked!...27 matches found!
node 11 checked!...31 matches found!
node 12 checked!...25 matches found!
node 13 checked!...33 matches found!
node 14 checked!...31 matches found!
node 15 checked!...32 matches found!
node 16 checked!...34 matches found!
node 17 checked!...37 matches found!
node 18 checked!...33 matches found!
node 19 checked!...29 matches found!
node 20 checked!...31 matches found!
node 21 checked!...30 matches found!
node 22 checked!...26 matches found!
node 23 checked!...36 matches found!
node 24 checked!...30 matches found!
node 25 checked!...28 matches found!
node 26 checked!...37 matches found!
node 27 checked!...29 matches found!
node 28 checked!...31 matches found!
node 29 checked!...36 matches found!
node 30 checked!...37 matches found!
```

Voting array

[30 31 28 33 32 34 27 29 27 27 31 25 33 31 32 34 37 33 29 31 30 26 36 30 28
 37 29 31 36 37]

Putative nodes

[23 29 17 26 30]

Best matching node from voting array

17

Presence of query node in putative nodes

Absent

Node 22 -> query image 40
----

12 features detected!

Checking for matches...

```
node 1 checked!...11 matches found!
node 2 checked!...11 matches found!
node 3 checked!...10 matches found!
node 4 checked!...11 matches found!
node 5 checked!...11 matches found!
node 6 checked!...11 matches found!
node 7 checked!...10 matches found!
node 8 checked!...11 matches found!
node 9 checked!...10 matches found!
node 10 checked!...10 matches found!
node 11 checked!...11 matches found!
node 12 checked!...9 matches found!
node 13 checked!...11 matches found!
```

```
node 14 checked!...11 matches found!
node 15 checked!...11 matches found!
node 16 checked!...11 matches found!
node 17 checked!...11 matches found!
node 18 checked!...10 matches found!
node 19 checked!...11 matches found!
node 20 checked!...10 matches found!
node 21 checked!...11 matches found!
node 22 checked!...10 matches found!
node 23 checked!...11 matches found!
node 24 checked!...11 matches found!
node 25 checked!...11 matches found!
node 26 checked!...11 matches found!
node 27 checked!...10 matches found!
node 28 checked!...11 matches found!
node 29 checked!...11 matches found!
node 30 checked!...11 matches found!


Voting array
--------------
[11 11 10 11 11 11 10 11 10 10 11  9 11 11 11 11 11 10 11 10 11 10 11 11 11
 11 10 11 11 11]

Putative nodes
------------
[ 2 14 16 13 30]

Best matching node from voting array
----------------------------------------
1

Presence of query node in putative nodes
----------------------------------------
Absent


 Node 22 testing completed!


Node 23 -> query image 1
------------------------

89 features detected!

Checking for matches...

node 1 checked!...36 matches found!
node 2 checked!...30 matches found!
node 3 checked!...36 matches found!
node 4 checked!...41 matches found!
node 5 checked!...41 matches found!
node 6 checked!...36 matches found!
node 7 checked!...31 matches found!
node 8 checked!...31 matches found!
node 9 checked!...34 matches found!
node 10 checked!...38 matches found!
node 11 checked!...32 matches found!
node 12 checked!...33 matches found!
node 13 checked!...32 matches found!
node 14 checked!...33 matches found!
node 15 checked!...33 matches found!
node 16 checked!...36 matches found!
```

```
node 17 checked!...35 matches found!
node 18 checked!...38 matches found!
node 19 checked!...39 matches found!
node 20 checked!...37 matches found!
node 21 checked!...39 matches found!
node 22 checked!...32 matches found!
node 23 checked!...36 matches found!
node 24 checked!...35 matches found!
node 25 checked!...37 matches found!
node 26 checked!...38 matches found!
node 27 checked!...36 matches found!
node 28 checked!...36 matches found!
node 29 checked!...33 matches found!
node 30 checked!...36 matches found!


Voting array
--------------
[36 30 36 41 41 36 31 31 34 38 32 33 32 33 33 36 35 38 39 37 39 32 36 35 37
 38 36 36 33 36]

Putative nodes
------------
[10 19 21  5  4]

Best matching node from voting array
----------------------------------------
4

Presence of query node in putative nodes
----------------------------------------
Absent


Node 23 -> query image 2
------------------------

5 features detected!

Checking for matches...

node 1 checked!...4 matches found!
node 2 checked!...4 matches found!
node 3 checked!...4 matches found!
node 4 checked!...4 matches found!
node 5 checked!...4 matches found!
node 6 checked!...4 matches found!
node 7 checked!...4 matches found!
node 8 checked!...4 matches found!
node 9 checked!...4 matches found!
node 10 checked!...4 matches found!
node 11 checked!...4 matches found!
node 12 checked!...4 matches found!
node 13 checked!...4 matches found!
node 14 checked!...4 matches found!
node 15 checked!...4 matches found!
node 16 checked!...4 matches found!
node 17 checked!...4 matches found!
node 18 checked!...4 matches found!
node 19 checked!...4 matches found!
node 20 checked!...4 matches found!
node 21 checked!...4 matches found!
node 22 checked!...4 matches found!
```

```
node 23 checked!...4 matches found!
node 24 checked!...4 matches found!
node 25 checked!...4 matches found!
node 26 checked!...4 matches found!
node 27 checked!...4 matches found!
node 28 checked!...4 matches found!
node 29 checked!...4 matches found!
node 30 checked!...4 matches found!

Voting array
--------------
[4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4]

Putative nodes
------------
[11 14 12 10 30]

Best matching node from voting array
----------------------------------------
1

Presence of query node in putative nodes
----------------------------------------
Absent


Node 23 -> query image 3
------------------------

2 features detected!

Checking for matches...

node 1 checked!...1 matches found!
node 2 checked!...1 matches found!
node 3 checked!...1 matches found!
node 4 checked!...1 matches found!
node 5 checked!...1 matches found!
node 6 checked!...1 matches found!
node 7 checked!...1 matches found!
node 8 checked!...1 matches found!
node 9 checked!...1 matches found!
node 10 checked!...1 matches found!
node 11 checked!...1 matches found!
node 12 checked!...1 matches found!
node 13 checked!...1 matches found!
node 14 checked!...1 matches found!
node 15 checked!...1 matches found!
node 16 checked!...1 matches found!
node 17 checked!...1 matches found!
node 18 checked!...1 matches found!
node 19 checked!...1 matches found!
node 20 checked!...1 matches found!
node 21 checked!...1 matches found!
node 22 checked!...1 matches found!
node 23 checked!...1 matches found!
node 24 checked!...1 matches found!
node 25 checked!...1 matches found!
node 26 checked!...1 matches found!
node 27 checked!...1 matches found!
node 28 checked!...1 matches found!
node 29 checked!...1 matches found!
```

node 30 checked!...1 matches found!

Voting array

[1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1]

Putative nodes

[11 14 12 10 30]

Best matching node from voting array

1

Presence of query node in putative nodes

Absent

Node 23 -> query image 4
----

53 features detected!

Checking for matches...

node 1 checked!...21 matches found!
node 2 checked!...27 matches found!
node 3 checked!...24 matches found!
node 4 checked!...23 matches found!
node 5 checked!...20 matches found!
node 6 checked!...18 matches found!
node 7 checked!...21 matches found!
node 8 checked!...22 matches found!
node 9 checked!...22 matches found!
node 10 checked!...24 matches found!
node 11 checked!...23 matches found!
node 12 checked!...19 matches found!
node 13 checked!...27 matches found!
node 14 checked!...21 matches found!
node 15 checked!...19 matches found!
node 16 checked!...23 matches found!
node 17 checked!...27 matches found!
node 18 checked!...22 matches found!
node 19 checked!...18 matches found!
node 20 checked!...23 matches found!
node 21 checked!...25 matches found!
node 22 checked!...24 matches found!
node 23 checked!...23 matches found!
node 24 checked!...18 matches found!
node 25 checked!...22 matches found!
node 26 checked!...20 matches found!
node 27 checked!...24 matches found!
node 28 checked!...24 matches found!
node 29 checked!...15 matches found!
node 30 checked!...21 matches found!

Voting array

[21 27 24 23 20 18 21 22 22 24 23 19 27 21 19 23 27 22 18 23 25 24 23 18 22
 20 24 24 15 21]

Putative nodes

[22 21 17 13 2]

Best matching node from voting array

2

Presence of query node in putative nodes

Absent

Node 23 -> query image 5
----

86 features detected!

Checking for matches...

node 1 checked!...31 matches found!
node 2 checked!...31 matches found!
node 3 checked!...37 matches found!
node 4 checked!...37 matches found!
node 5 checked!...38 matches found!
node 6 checked!...34 matches found!
node 7 checked!...31 matches found!
node 8 checked!...37 matches found!
node 9 checked!...26 matches found!
node 10 checked!...33 matches found!
node 11 checked!...32 matches found!
node 12 checked!...35 matches found!
node 13 checked!...40 matches found!
node 14 checked!...37 matches found!
node 15 checked!...36 matches found!
node 16 checked!...38 matches found!
node 17 checked!...39 matches found!
node 18 checked!...36 matches found!
node 19 checked!...35 matches found!
node 20 checked!...31 matches found!
node 21 checked!...38 matches found!
node 22 checked!...30 matches found!
node 23 checked!...39 matches found!
node 24 checked!...36 matches found!
node 25 checked!...36 matches found!
node 26 checked!...41 matches found!
node 27 checked!...36 matches found!
node 28 checked!...38 matches found!
node 29 checked!...38 matches found!
node 30 checked!...39 matches found!

Voting array

[31 31 37 37 38 34 31 37 26 33 32 35 40 37 36 38 39 36 35 31 38 30 39 36 36
 41 36 38 38 39]

Putative nodes

[23 17 26 13 30]

Best matching node from voting array

26

Presence of query node in putative nodes

Present

Node 23 -> query image 6
----

38 features detected!

Checking for matches...

node 1 checked!...18 matches found!
node 2 checked!...19 matches found!
node 3 checked!...20 matches found!
node 4 checked!...24 matches found!
node 5 checked!...25 matches found!
node 6 checked!...19 matches found!
node 7 checked!...17 matches found!
node 8 checked!...22 matches found!
node 9 checked!...19 matches found!
node 10 checked!...19 matches found!
node 11 checked!...22 matches found!
node 12 checked!...21 matches found!
node 13 checked!...18 matches found!
node 14 checked!...23 matches found!
node 15 checked!...20 matches found!
node 16 checked!...21 matches found!
node 17 checked!...25 matches found!
node 18 checked!...21 matches found!
node 19 checked!...21 matches found!
node 20 checked!...18 matches found!
node 21 checked!...26 matches found!
node 22 checked!...20 matches found!
node 23 checked!...26 matches found!
node 24 checked!...19 matches found!
node 25 checked!...19 matches found!
node 26 checked!...23 matches found!
node 27 checked!...19 matches found!
node 28 checked!...18 matches found!
node 29 checked!...21 matches found!
node 30 checked!...24 matches found!

Voting array

[18 19 20 24 25 19 17 22 19 19 22 21 18 23 20 21 25 21 21 18 26 20 26 19 19
 23 19 18 21 24]

Putative nodes

[30 23 21 17 5]

Best matching node from voting array

21

Presence of query node in putative nodes

Present

Node 23 -> query image 7
----

40 features detected!

Checking for matches...

node 1 checked!...26 matches found!
node 2 checked!...26 matches found!
node 3 checked!...27 matches found!
node 4 checked!...24 matches found!
node 5 checked!...27 matches found!
node 6 checked!...26 matches found!
node 7 checked!...25 matches found!
node 8 checked!...28 matches found!
node 9 checked!...21 matches found!
node 10 checked!...27 matches found!
node 11 checked!...25 matches found!
node 12 checked!...25 matches found!
node 13 checked!...26 matches found!
node 14 checked!...28 matches found!
node 15 checked!...24 matches found!
node 16 checked!...26 matches found!
node 17 checked!...23 matches found!
node 18 checked!...22 matches found!
node 19 checked!...21 matches found!
node 20 checked!...24 matches found!
node 21 checked!...26 matches found!
node 22 checked!...23 matches found!
node 23 checked!...29 matches found!
node 24 checked!...27 matches found!
node 25 checked!...25 matches found!
node 26 checked!...25 matches found!
node 27 checked!...26 matches found!
node 28 checked!...25 matches found!
node 29 checked!...23 matches found!
node 30 checked!...25 matches found!

Voting array

[26 26 27 24 27 26 25 28 21 27 25 25 26 28 24 26 23 22 21 24 26 23 29 27 25
 25 26 25 23 25]

Putative nodes

[24 10 14 23 8]

Best matching node from voting array

23

Presence of query node in putative nodes

Present

Node 23 -> query image 8
----

98 features detected!

Checking for matches...

node 1 checked!...32 matches found!
node 2 checked!...30 matches found!
node 3 checked!...31 matches found!
node 4 checked!...36 matches found!
node 5 checked!...36 matches found!
node 6 checked!...39 matches found!
node 7 checked!...35 matches found!
node 8 checked!...32 matches found!
node 9 checked!...32 matches found!
node 10 checked!...35 matches found!
node 11 checked!...31 matches found!
node 12 checked!...31 matches found!
node 13 checked!...39 matches found!
node 14 checked!...34 matches found!
node 15 checked!...33 matches found!
node 16 checked!...36 matches found!
node 17 checked!...35 matches found!
node 18 checked!...37 matches found!
node 19 checked!...29 matches found!
node 20 checked!...33 matches found!
node 21 checked!...38 matches found!
node 22 checked!...33 matches found!
node 23 checked!...37 matches found!
node 24 checked!...40 matches found!
node 25 checked!...35 matches found!
node 26 checked!...38 matches found!
node 27 checked!...39 matches found!
node 28 checked!...31 matches found!
node 29 checked!...28 matches found!
node 30 checked!...36 matches found!

Voting array

[32 30 31 36 36 39 35 32 32 35 31 31 39 34 33 36 35 37 29 33 38 33 37 40 35
 38 39 31 28 36]

Putative nodes

[21 13 27 24 6]

Best matching node from voting array

24

Presence of query node in putative nodes

Absent

Node 23 -> query image 9
----

87 features detected!

Checking for matches...

node 1 checked!...34 matches found!
node 2 checked!...34 matches found!
node 3 checked!...33 matches found!
node 4 checked!...38 matches found!

```
node 5 checked!...35 matches found!
node 6 checked!...37 matches found!
node 7 checked!...39 matches found!
node 8 checked!...35 matches found!
node 9 checked!...32 matches found!
node 10 checked!...36 matches found!
node 11 checked!...36 matches found!
node 12 checked!...36 matches found!
node 13 checked!...37 matches found!
node 14 checked!...33 matches found!
node 15 checked!...35 matches found!
node 16 checked!...34 matches found!
node 17 checked!...40 matches found!
node 18 checked!...38 matches found!
node 19 checked!...30 matches found!
node 20 checked!...39 matches found!
node 21 checked!...40 matches found!
node 22 checked!...39 matches found!
node 23 checked!...41 matches found!
node 24 checked!...45 matches found!
node 25 checked!...39 matches found!
node 26 checked!...39 matches found!
node 27 checked!...40 matches found!
node 28 checked!...40 matches found!
node 29 checked!...39 matches found!
node 30 checked!...37 matches found!
```

Voting array

[34 34 33 38 35 37 39 35 32 36 36 36 37 33 35 34 40 38 30 39 40 39 41 45 39
 39 40 40 39 37]

Putative nodes

[21 17 27 24 23]

Best matching node from voting array

24

Presence of query node in putative nodes

Present

Node 23 -> query image 10
----

70 features detected!

Checking for matches...

```
node 1 checked!...33 matches found!
node 2 checked!...32 matches found!
node 3 checked!...30 matches found!
node 4 checked!...37 matches found!
node 5 checked!...35 matches found!
node 6 checked!...28 matches found!
node 7 checked!...29 matches found!
node 8 checked!...39 matches found!
node 9 checked!...32 matches found!
node 10 checked!...35 matches found!
```

```
node 11 checked!...34 matches found!
node 12 checked!...26 matches found!
node 13 checked!...26 matches found!
node 14 checked!...29 matches found!
node 15 checked!...27 matches found!
node 16 checked!...35 matches found!
node 17 checked!...32 matches found!
node 18 checked!...36 matches found!
node 19 checked!...32 matches found!
node 20 checked!...28 matches found!
node 21 checked!...35 matches found!
node 22 checked!...29 matches found!
node 23 checked!...36 matches found!
node 24 checked!...34 matches found!
node 25 checked!...35 matches found!
node 26 checked!...34 matches found!
node 27 checked!...30 matches found!
node 28 checked!...36 matches found!
node 29 checked!...26 matches found!
node 30 checked!...35 matches found!
```

Voting array

[33 32 30 37 35 28 29 39 32 35 34 26 26 29 27 35 32 36 32 28 35 29 36 34 35
 34 30 36 26 35]

Putative nodes

[28 18 8 4 23]

Best matching node from voting array

8

Presence of query node in putative nodes

Present

Node 23 -> query image 11
----

84 features detected!

Checking for matches...

```
node 1 checked!...41 matches found!
node 2 checked!...32 matches found!
node 3 checked!...31 matches found!
node 4 checked!...36 matches found!
node 5 checked!...36 matches found!
node 6 checked!...30 matches found!
node 7 checked!...32 matches found!
node 8 checked!...31 matches found!
node 9 checked!...32 matches found!
node 10 checked!...37 matches found!
node 11 checked!...33 matches found!
node 12 checked!...31 matches found!
node 13 checked!...36 matches found!
node 14 checked!...33 matches found!
node 15 checked!...32 matches found!
node 16 checked!...35 matches found!
```

```
node 17 checked!...31 matches found!
node 18 checked!...31 matches found!
node 19 checked!...32 matches found!
node 20 checked!...31 matches found!
node 21 checked!...37 matches found!
node 22 checked!...28 matches found!
node 23 checked!...41 matches found!
node 24 checked!...40 matches found!
node 25 checked!...35 matches found!
node 26 checked!...38 matches found!
node 27 checked!...32 matches found!
node 28 checked!...33 matches found!
node 29 checked!...30 matches found!
node 30 checked!...37 matches found!

Voting array
--------------
[41 32 31 36 36 30 32 31 32 37 33 31 36 33 32 35 31 31 32 31 37 28 41 40 35
 38 32 33 30 37]

Putative nodes
------------
[10 26 24 23  1]

Best matching node from voting array
----------------------------------------
1

Presence of query node in putative nodes
----------------------------------------
Present


Node 23 -> query image 12
-----------------------

87 features detected!

Checking for matches...

node 1 checked!...34 matches found!
node 2 checked!...40 matches found!
node 3 checked!...36 matches found!
node 4 checked!...42 matches found!
node 5 checked!...30 matches found!
node 6 checked!...37 matches found!
node 7 checked!...34 matches found!
node 8 checked!...37 matches found!
node 9 checked!...31 matches found!
node 10 checked!...36 matches found!
node 11 checked!...37 matches found!
node 12 checked!...35 matches found!
node 13 checked!...35 matches found!
node 14 checked!...37 matches found!
node 15 checked!...31 matches found!
node 16 checked!...38 matches found!
node 17 checked!...34 matches found!
node 18 checked!...34 matches found!
node 19 checked!...34 matches found!
node 20 checked!...39 matches found!
node 21 checked!...41 matches found!
node 22 checked!...35 matches found!
```

```
node 23 checked!...38 matches found!
node 24 checked!...39 matches found!
node 25 checked!...34 matches found!
node 26 checked!...37 matches found!
node 27 checked!...38 matches found!
node 28 checked!...39 matches found!
node 29 checked!...38 matches found!
node 30 checked!...33 matches found!

Voting array
--------------
[34 40 36 42 30 37 34 37 31 36 37 35 35 37 31 38 34 34 34 39 41 35 38 39 34
 37 38 39 38 33]

Putative nodes
-------------
[20 24 21  2  4]

Best matching node from voting array
---------------------------------------
4

Presence of query node in putative nodes
---------------------------------------
Absent


Node 23 -> query image 13
------------------------

91 features detected!

Checking for matches...

node 1 checked!...33 matches found!
node 2 checked!...38 matches found!
node 3 checked!...38 matches found!
node 4 checked!...36 matches found!
node 5 checked!...37 matches found!
node 6 checked!...36 matches found!
node 7 checked!...38 matches found!
node 8 checked!...44 matches found!
node 9 checked!...32 matches found!
node 10 checked!...38 matches found!
node 11 checked!...33 matches found!
node 12 checked!...30 matches found!
node 13 checked!...36 matches found!
node 14 checked!...37 matches found!
node 15 checked!...31 matches found!
node 16 checked!...37 matches found!
node 17 checked!...38 matches found!
node 18 checked!...37 matches found!
node 19 checked!...39 matches found!
node 20 checked!...32 matches found!
node 21 checked!...36 matches found!
node 22 checked!...34 matches found!
node 23 checked!...41 matches found!
node 24 checked!...44 matches found!
node 25 checked!...36 matches found!
node 26 checked!...39 matches found!
node 27 checked!...42 matches found!
node 28 checked!...42 matches found!
```

```
node 29 checked!...35 matches found!
node 30 checked!...36 matches found!

Voting array
--------------
[33 38 38 36 37 36 38 44 32 38 33 30 36 37 31 37 38 37 39 32 36 34 41 44 36
 39 42 42 35 36]

Putative nodes
------------
[23 28 27 24  8]

Best matching node from voting array
----------------------------------------
8

Presence of query node in putative nodes
----------------------------------------
Present


Node 23 -> query image 14
------------------------

42 features detected!

Checking for matches...

node 1 checked!...23 matches found!
node 2 checked!...20 matches found!
node 3 checked!...26 matches found!
node 4 checked!...24 matches found!
node 5 checked!...21 matches found!
node 6 checked!...23 matches found!
node 7 checked!...20 matches found!
node 8 checked!...21 matches found!
node 9 checked!...23 matches found!
node 10 checked!...26 matches found!
node 11 checked!...20 matches found!
node 12 checked!...21 matches found!
node 13 checked!...26 matches found!
node 14 checked!...24 matches found!
node 15 checked!...23 matches found!
node 16 checked!...22 matches found!
node 17 checked!...25 matches found!
node 18 checked!...25 matches found!
node 19 checked!...20 matches found!
node 20 checked!...21 matches found!
node 21 checked!...24 matches found!
node 22 checked!...21 matches found!
node 23 checked!...29 matches found!
node 24 checked!...26 matches found!
node 25 checked!...22 matches found!
node 26 checked!...23 matches found!
node 27 checked!...29 matches found!
node 28 checked!...26 matches found!
node 29 checked!...24 matches found!
node 30 checked!...23 matches found!

Voting array
--------------
[23 20 26 24 21 23 20 21 23 26 20 21 26 24 23 22 25 25 20 21 24 21 29 26 22
```

```
 23 29 26 24 23]

Putative nodes
------------
[24 27 10 13 23]

Best matching node from voting array
---------------------------------------
23

Presence of query node in putative nodes
---------------------------------------
Present


Node 23 -> query image 15
-----------------------

93 features detected!

Checking for matches...

node 1 checked!...29 matches found!
node 2 checked!...33 matches found!
node 3 checked!...30 matches found!
node 4 checked!...37 matches found!
node 5 checked!...38 matches found!
node 6 checked!...32 matches found!
node 7 checked!...32 matches found!
node 8 checked!...34 matches found!
node 9 checked!...32 matches found!
node 10 checked!...34 matches found!
node 11 checked!...37 matches found!
node 12 checked!...29 matches found!
node 13 checked!...35 matches found!
node 14 checked!...30 matches found!
node 15 checked!...31 matches found!
node 16 checked!...34 matches found!
node 17 checked!...38 matches found!
node 18 checked!...39 matches found!
node 19 checked!...37 matches found!
node 20 checked!...35 matches found!
node 21 checked!...36 matches found!
node 22 checked!...30 matches found!
node 23 checked!...39 matches found!
node 24 checked!...41 matches found!
node 25 checked!...35 matches found!
node 26 checked!...37 matches found!
node 27 checked!...40 matches found!
node 28 checked!...38 matches found!
node 29 checked!...38 matches found!
node 30 checked!...33 matches found!

Voting array
--------------
[29 33 30 37 38 32 32 34 32 34 37 29 35 30 31 34 38 39 37 35 36 30 39 41 35
 37 40 38 38 33]

Putative nodes
------------
[17 23 27 24 18]
```

Best matching node from voting array

24

Presence of query node in putative nodes

Present

Node 23 -> query image 16
----

84 features detected!

Checking for matches...

node 1 checked!...33 matches found!
node 2 checked!...31 matches found!
node 3 checked!...37 matches found!
node 4 checked!...36 matches found!
node 5 checked!...34 matches found!
node 6 checked!...31 matches found!
node 7 checked!...29 matches found!
node 8 checked!...33 matches found!
node 9 checked!...31 matches found!
node 10 checked!...34 matches found!
node 11 checked!...31 matches found!
node 12 checked!...29 matches found!
node 13 checked!...38 matches found!
node 14 checked!...33 matches found!
node 15 checked!...29 matches found!
node 16 checked!...28 matches found!
node 17 checked!...34 matches found!
node 18 checked!...34 matches found!
node 19 checked!...31 matches found!
node 20 checked!...33 matches found!
node 21 checked!...37 matches found!
node 22 checked!...28 matches found!
node 23 checked!...36 matches found!
node 24 checked!...40 matches found!
node 25 checked!...35 matches found!
node 26 checked!...34 matches found!
node 27 checked!...29 matches found!
node 28 checked!...38 matches found!
node 29 checked!...27 matches found!
node 30 checked!...32 matches found!

Voting array

[33 31 37 36 34 31 29 33 31 34 31 29 38 33 29 28 34 34 31 33 37 28 36 40 35
 34 29 38 27 32]

Putative nodes

[3 21 13 28 24]

Best matching node from voting array

24

Presence of query node in putative nodes

Absent

Node 23 -> query image 17
----

94 features detected!

Checking for matches...

node 1 checked!...37 matches found!
node 2 checked!...37 matches found!
node 3 checked!...37 matches found!
node 4 checked!...36 matches found!
node 5 checked!...39 matches found!
node 6 checked!...37 matches found!
node 7 checked!...40 matches found!
node 8 checked!...47 matches found!
node 9 checked!...30 matches found!
node 10 checked!...38 matches found!
node 11 checked!...38 matches found!
node 12 checked!...32 matches found!
node 13 checked!...38 matches found!
node 14 checked!...37 matches found!
node 15 checked!...35 matches found!
node 16 checked!...39 matches found!
node 17 checked!...34 matches found!
node 18 checked!...37 matches found!
node 19 checked!...35 matches found!
node 20 checked!...37 matches found!
node 21 checked!...37 matches found!
node 22 checked!...34 matches found!
node 23 checked!...45 matches found!
node 24 checked!...40 matches found!
node 25 checked!...34 matches found!
node 26 checked!...38 matches found!
node 27 checked!...42 matches found!
node 28 checked!...39 matches found!
node 29 checked!...32 matches found!
node 30 checked!...37 matches found!

Voting array

[37 37 37 36 39 37 40 47 30 38 38 32 38 37 35 39 34 37 35 37 37 34 45 40 34
 38 42 39 32 37]

Putative nodes

[7 24 27 8 23]

Best matching node from voting array

8

Presence of query node in putative nodes

Present

Node 23 -> query image 18
----

83 features detected!

Checking for matches...

node 1 checked!...33 matches found!
node 2 checked!...32 matches found!
node 3 checked!...31 matches found!
node 4 checked!...37 matches found!
node 5 checked!...35 matches found!
node 6 checked!...33 matches found!
node 7 checked!...33 matches found!
node 8 checked!...31 matches found!
node 9 checked!...31 matches found!
node 10 checked!...36 matches found!
node 11 checked!...33 matches found!
node 12 checked!...30 matches found!
node 13 checked!...32 matches found!
node 14 checked!...32 matches found!
node 15 checked!...31 matches found!
node 16 checked!...36 matches found!
node 17 checked!...31 matches found!
node 18 checked!...36 matches found!
node 19 checked!...29 matches found!
node 20 checked!...32 matches found!
node 21 checked!...35 matches found!
node 22 checked!...34 matches found!
node 23 checked!...40 matches found!
node 24 checked!...40 matches found!
node 25 checked!...34 matches found!
node 26 checked!...36 matches found!
node 27 checked!...35 matches found!
node 28 checked!...33 matches found!
node 29 checked!...31 matches found!
node 30 checked!...35 matches found!

Voting array

[33 32 31 37 35 33 33 31 31 36 33 30 32 32 31 36 31 36 29 32 35 34 40 40 34
 36 35 33 31 35]

Putative nodes

[16 10 23 4 24]

Best matching node from voting array

23

Presence of query node in putative nodes

Present

Node 23 -> query image 19
----

85 features detected!

Checking for matches...

node 1 checked!...33 matches found!
node 2 checked!...37 matches found!

```
node 3 checked!...29 matches found!
node 4 checked!...40 matches found!
node 5 checked!...35 matches found!
node 6 checked!...28 matches found!
node 7 checked!...38 matches found!
node 8 checked!...36 matches found!
node 9 checked!...32 matches found!
node 10 checked!...35 matches found!
node 11 checked!...32 matches found!
node 12 checked!...31 matches found!
node 13 checked!...38 matches found!
node 14 checked!...38 matches found!
node 15 checked!...31 matches found!
node 16 checked!...36 matches found!
node 17 checked!...40 matches found!
node 18 checked!...34 matches found!
node 19 checked!...34 matches found!
node 20 checked!...31 matches found!
node 21 checked!...34 matches found!
node 22 checked!...32 matches found!
node 23 checked!...43 matches found!
node 24 checked!...40 matches found!
node 25 checked!...33 matches found!
node 26 checked!...34 matches found!
node 27 checked!...39 matches found!
node 28 checked!...34 matches found!
node 29 checked!...36 matches found!
node 30 checked!...36 matches found!

Voting array
--------------
[33 37 29 40 35 28 38 36 32 35 32 31 38 38 31 36 40 34 34 31 34 32 43 40 33
 34 39 34 36 36]

Putative nodes
------------
[27 17 24 23  4]

Best matching node from voting array
----------------------------------------
23

Presence of query node in putative nodes
----------------------------------------
Present


Node 23 -> query image 20
-----------------------

76 features detected!

Checking for matches...

node 1 checked!...30 matches found!
node 2 checked!...32 matches found!
node 3 checked!...28 matches found!
node 4 checked!...34 matches found!
node 5 checked!...33 matches found!
node 6 checked!...32 matches found!
node 7 checked!...29 matches found!
node 8 checked!...29 matches found!
```

```
node 9 checked!...30 matches found!
node 10 checked!...32 matches found!
node 11 checked!...31 matches found!
node 12 checked!...25 matches found!
node 13 checked!...33 matches found!
node 14 checked!...31 matches found!
node 15 checked!...25 matches found!
node 16 checked!...32 matches found!
node 17 checked!...36 matches found!
node 18 checked!...32 matches found!
node 19 checked!...32 matches found!
node 20 checked!...31 matches found!
node 21 checked!...32 matches found!
node 22 checked!...29 matches found!
node 23 checked!...38 matches found!
node 24 checked!...40 matches found!
node 25 checked!...34 matches found!
node 26 checked!...35 matches found!
node 27 checked!...35 matches found!
node 28 checked!...34 matches found!
node 29 checked!...30 matches found!
node 30 checked!...33 matches found!


Voting array
--------------
[30 32 28 34 33 32 29 29 30 32 31 25 33 31 25 32 36 32 32 31 32 29 38 40 34
 35 35 34 30 33]

Putative nodes
------------
[26 27 17 24 23]

Best matching node from voting array
----------------------------------------
24

Presence of query node in putative nodes
----------------------------------------
Present


Node 23 -> query image 21
------------------------

82 features detected!

Checking for matches...

node 1 checked!...31 matches found!
node 2 checked!...33 matches found!
node 3 checked!...35 matches found!
node 4 checked!...38 matches found!
node 5 checked!...35 matches found!
node 6 checked!...31 matches found!
node 7 checked!...29 matches found!
node 8 checked!...36 matches found!
node 9 checked!...31 matches found!
node 10 checked!...35 matches found!
node 11 checked!...35 matches found!
node 12 checked!...31 matches found!
node 13 checked!...38 matches found!
node 14 checked!...37 matches found!
```

```
node 15 checked!...28 matches found!
node 16 checked!...34 matches found!
node 17 checked!...31 matches found!
node 18 checked!...40 matches found!
node 19 checked!...31 matches found!
node 20 checked!...34 matches found!
node 21 checked!...39 matches found!
node 22 checked!...32 matches found!
node 23 checked!...36 matches found!
node 24 checked!...37 matches found!
node 25 checked!...35 matches found!
node 26 checked!...35 matches found!
node 27 checked!...32 matches found!
node 28 checked!...31 matches found!
node 29 checked!...29 matches found!
node 30 checked!...36 matches found!


Voting array
--------------
[31 33 35 38 35 31 29 36 31 35 35 31 38 37 28 34 31 40 31 34 39 32 36 37 35
 35 32 31 29 36]

Putative nodes
------------
[14 13  4 21 18]

Best matching node from voting array
----------------------------------------
18

Presence of query node in putative nodes
----------------------------------------
Absent


Node 23 -> query image 22
------------------------

78 features detected!

Checking for matches...

node 1 checked!...34 matches found!
node 2 checked!...34 matches found!
node 3 checked!...34 matches found!
node 4 checked!...38 matches found!
node 5 checked!...39 matches found!
node 6 checked!...34 matches found!
node 7 checked!...35 matches found!
node 8 checked!...39 matches found!
node 9 checked!...30 matches found!
node 10 checked!...31 matches found!
node 11 checked!...33 matches found!
node 12 checked!...29 matches found!
node 13 checked!...33 matches found!
node 14 checked!...32 matches found!
node 15 checked!...30 matches found!
node 16 checked!...36 matches found!
node 17 checked!...31 matches found!
node 18 checked!...33 matches found!
node 19 checked!...33 matches found!
node 20 checked!...27 matches found!
```

```
node 21 checked!...34 matches found!
node 22 checked!...27 matches found!
node 23 checked!...41 matches found!
node 24 checked!...37 matches found!
node 25 checked!...31 matches found!
node 26 checked!...38 matches found!
node 27 checked!...41 matches found!
node 28 checked!...36 matches found!
node 29 checked!...32 matches found!
node 30 checked!...35 matches found!
```

```
Voting array
--------------
[34 34 34 38 39 34 35 39 30 31 33 29 33 32 30 36 31 33 33 27 34 27 41 37 31
 38 41 36 32 35]
```

```
Putative nodes
------------
[26  8  5 27 23]
```

```
Best matching node from voting array
----------------------------------------
23
```

```
Presence of query node in putative nodes
----------------------------------------
Present
```

```
Node 23 -> query image 23
------------------------
```

```
98 features detected!
```

```
Checking for matches...
```

```
node 1 checked!...34 matches found!
node 2 checked!...34 matches found!
node 3 checked!...38 matches found!
node 4 checked!...43 matches found!
node 5 checked!...42 matches found!
node 6 checked!...38 matches found!
node 7 checked!...36 matches found!
node 8 checked!...38 matches found!
node 9 checked!...29 matches found!
node 10 checked!...36 matches found!
node 11 checked!...32 matches found!
node 12 checked!...31 matches found!
node 13 checked!...37 matches found!
node 14 checked!...35 matches found!
node 15 checked!...35 matches found!
node 16 checked!...40 matches found!
node 17 checked!...35 matches found!
node 18 checked!...37 matches found!
node 19 checked!...34 matches found!
node 20 checked!...29 matches found!
node 21 checked!...36 matches found!
node 22 checked!...34 matches found!
node 23 checked!...49 matches found!
node 24 checked!...42 matches found!
node 25 checked!...35 matches found!
node 26 checked!...41 matches found!
```

```
node 27 checked!...44 matches found!
node 28 checked!...37 matches found!
node 29 checked!...34 matches found!
node 30 checked!...36 matches found!

Voting array
--------------
[34 34 38 43 42 38 36 38 29 36 32 31 37 35 35 40 35 37 34 29 36 34 49 42 35
 41 44 37 34 36]

Putative nodes
------------
[ 5 27 24 23  4]

Best matching node from voting array
----------------------------------------
23

Presence of query node in putative nodes
----------------------------------------
Present


Node 23 -> query image 24
-----------------------

94 features detected!

Checking for matches...

node 1 checked!...33 matches found!
node 2 checked!...34 matches found!
node 3 checked!...36 matches found!
node 4 checked!...39 matches found!
node 5 checked!...37 matches found!
node 6 checked!...36 matches found!
node 7 checked!...38 matches found!
node 8 checked!...41 matches found!
node 9 checked!...29 matches found!
node 10 checked!...37 matches found!
node 11 checked!...34 matches found!
node 12 checked!...32 matches found!
node 13 checked!...40 matches found!
node 14 checked!...39 matches found!
node 15 checked!...36 matches found!
node 16 checked!...38 matches found!
node 17 checked!...42 matches found!
node 18 checked!...36 matches found!
node 19 checked!...32 matches found!
node 20 checked!...36 matches found!
node 21 checked!...37 matches found!
node 22 checked!...31 matches found!
node 23 checked!...44 matches found!
node 24 checked!...44 matches found!
node 25 checked!...35 matches found!
node 26 checked!...39 matches found!
node 27 checked!...33 matches found!
node 28 checked!...33 matches found!
node 29 checked!...34 matches found!
node 30 checked!...39 matches found!

Voting array
```

```
--------------
[33 34 36 39 37 36 38 41 29 37 34 32 40 39 36 38 42 36 32 36 37 31 44 44 35
 39 33 33 34 39]
```

Putative nodes

```
[13  8 23 17 24]
```

Best matching node from voting array

23

Presence of query node in putative nodes

Present

Node 23 -> query image 25
----

98 features detected!

Checking for matches...

node 1 checked!...36 matches found!
node 2 checked!...34 matches found!
node 3 checked!...33 matches found!
node 4 checked!...38 matches found!
node 5 checked!...39 matches found!
node 6 checked!...32 matches found!
node 7 checked!...30 matches found!
node 8 checked!...34 matches found!
node 9 checked!...30 matches found!
node 10 checked!...38 matches found!
node 11 checked!...34 matches found!
node 12 checked!...36 matches found!
node 13 checked!...37 matches found!
node 14 checked!...36 matches found!
node 15 checked!...33 matches found!
node 16 checked!...37 matches found!
node 17 checked!...33 matches found!
node 18 checked!...37 matches found!
node 19 checked!...32 matches found!
node 20 checked!...32 matches found!
node 21 checked!...42 matches found!
node 22 checked!...31 matches found!
node 23 checked!...43 matches found!
node 24 checked!...37 matches found!
node 25 checked!...31 matches found!
node 26 checked!...36 matches found!
node 27 checked!...38 matches found!
node 28 checked!...34 matches found!
node 29 checked!...32 matches found!
node 30 checked!...40 matches found!

Voting array

```
[36 34 33 38 39 32 30 34 30 38 34 36 37 36 33 37 33 37 32 32 42 31 43 37 31
 36 38 34 32 40]
```

Putative nodes

[10 5 30 21 23]

Best matching node from voting array

23

Presence of query node in putative nodes

Present

Node 23 -> query image 26
----

94 features detected!

Checking for matches...

node 1 checked!...37 matches found!
node 2 checked!...41 matches found!
node 3 checked!...43 matches found!
node 4 checked!...43 matches found!
node 5 checked!...39 matches found!
node 6 checked!...38 matches found!
node 7 checked!...38 matches found!
node 8 checked!...45 matches found!
node 9 checked!...32 matches found!
node 10 checked!...41 matches found!
node 11 checked!...40 matches found!
node 12 checked!...36 matches found!
node 13 checked!...43 matches found!
node 14 checked!...42 matches found!
node 15 checked!...36 matches found!
node 16 checked!...42 matches found!
node 17 checked!...41 matches found!
node 18 checked!...44 matches found!
node 19 checked!...39 matches found!
node 20 checked!...34 matches found!
node 21 checked!...39 matches found!
node 22 checked!...35 matches found!
node 23 checked!...49 matches found!
node 24 checked!...36 matches found!
node 25 checked!...36 matches found!
node 26 checked!...41 matches found!
node 27 checked!...45 matches found!
node 28 checked!...39 matches found!
node 29 checked!...36 matches found!
node 30 checked!...36 matches found!

Voting array

[37 41 43 43 39 38 38 45 32 41 40 36 43 42 36 42 41 44 39 34 39 35 49 36 36
 41 45 39 36 36]

Putative nodes

[13 27 23 8 18]

Best matching node from voting array

23

Presence of query node in putative nodes

Present

Node 23 -> query image 27
----

98 features detected!

Checking for matches...

node 1 checked!...37 matches found!
node 2 checked!...38 matches found!
node 3 checked!...40 matches found!
node 4 checked!...39 matches found!
node 5 checked!...40 matches found!
node 6 checked!...34 matches found!
node 7 checked!...39 matches found!
node 8 checked!...42 matches found!
node 9 checked!...30 matches found!
node 10 checked!...35 matches found!
node 11 checked!...32 matches found!
node 12 checked!...32 matches found!
node 13 checked!...42 matches found!
node 14 checked!...36 matches found!
node 15 checked!...32 matches found!
node 16 checked!...42 matches found!
node 17 checked!...35 matches found!
node 18 checked!...41 matches found!
node 19 checked!...35 matches found!
node 20 checked!...36 matches found!
node 21 checked!...43 matches found!
node 22 checked!...34 matches found!
node 23 checked!...47 matches found!
node 24 checked!...45 matches found!
node 25 checked!...36 matches found!
node 26 checked!...41 matches found!
node 27 checked!...35 matches found!
node 28 checked!...34 matches found!
node 29 checked!...37 matches found!
node 30 checked!...41 matches found!

Voting array

[37 38 40 39 40 34 39 42 30 35 32 32 42 36 32 42 35 41 35 36 43 34 47 45 36
 41 35 34 37 41]

Putative nodes

[8 13 21 24 23]

Best matching node from voting array

23

Presence of query node in putative nodes

Present

Node 23 -> query image 28

----

97 features detected!

Checking for matches...

node 1 checked!...34 matches found!
node 2 checked!...36 matches found!
node 3 checked!...37 matches found!
node 4 checked!...40 matches found!
node 5 checked!...38 matches found!
node 6 checked!...33 matches found!
node 7 checked!...39 matches found!
node 8 checked!...34 matches found!
node 9 checked!...33 matches found!
node 10 checked!...39 matches found!
node 11 checked!...35 matches found!
node 12 checked!...29 matches found!
node 13 checked!...44 matches found!
node 14 checked!...38 matches found!
node 15 checked!...31 matches found!
node 16 checked!...38 matches found!
node 17 checked!...41 matches found!
node 18 checked!...39 matches found!
node 19 checked!...33 matches found!
node 20 checked!...40 matches found!
node 21 checked!...38 matches found!
node 22 checked!...35 matches found!
node 23 checked!...46 matches found!
node 24 checked!...43 matches found!
node 25 checked!...35 matches found!
node 26 checked!...37 matches found!
node 27 checked!...31 matches found!
node 28 checked!...34 matches found!
node 29 checked!...31 matches found!
node 30 checked!...37 matches found!

Voting array

[34 36 37 40 38 33 39 34 33 39 35 29 44 38 31 38 41 39 33 40 38 35 46 43 35
 37 31 34 31 37]

Putative nodes

[20 17 24 13 23]

Best matching node from voting array

23

Presence of query node in putative nodes

Present

Node 23 -> query image 29
----

100 features detected!

Checking for matches...

```
node 1 checked!...38 matches found!
node 2 checked!...37 matches found!
node 3 checked!...41 matches found!
node 4 checked!...43 matches found!
node 5 checked!...41 matches found!
node 6 checked!...36 matches found!
node 7 checked!...39 matches found!
node 8 checked!...41 matches found!
node 9 checked!...36 matches found!
node 10 checked!...40 matches found!
node 11 checked!...40 matches found!
node 12 checked!...34 matches found!
node 13 checked!...41 matches found!
node 14 checked!...42 matches found!
node 15 checked!...37 matches found!
node 16 checked!...41 matches found!
node 17 checked!...35 matches found!
node 18 checked!...36 matches found!
node 19 checked!...34 matches found!
node 20 checked!...34 matches found!
node 21 checked!...42 matches found!
node 22 checked!...32 matches found!
node 23 checked!...47 matches found!
node 24 checked!...41 matches found!
node 25 checked!...33 matches found!
node 26 checked!...42 matches found!
node 27 checked!...44 matches found!
node 28 checked!...40 matches found!
node 29 checked!...34 matches found!
node 30 checked!...39 matches found!

Voting array
--------------
[38 37 41 43 41 36 39 41 36 40 40 34 41 42 37 41 35 36 34 34 42 32 47 41 33
 42 44 40 34 39]

Putative nodes
------------
[14 27 21  4 23]

Best matching node from voting array
----------------------------------------
23

Presence of query node in putative nodes
----------------------------------------
Present


Node 23 -> query image 30
-----------------------

98 features detected!

Checking for matches...

node 1 checked!...38 matches found!
node 2 checked!...41 matches found!
node 3 checked!...42 matches found!
node 4 checked!...44 matches found!
node 5 checked!...40 matches found!
node 6 checked!...37 matches found!
```

```
node 7 checked!...36 matches found!
node 8 checked!...44 matches found!
node 9 checked!...34 matches found!
node 10 checked!...39 matches found!
node 11 checked!...41 matches found!
node 12 checked!...36 matches found!
node 13 checked!...42 matches found!
node 14 checked!...42 matches found!
node 15 checked!...36 matches found!
node 16 checked!...41 matches found!
node 17 checked!...39 matches found!
node 18 checked!...41 matches found!
node 19 checked!...38 matches found!
node 20 checked!...35 matches found!
node 21 checked!...39 matches found!
node 22 checked!...32 matches found!
node 23 checked!...47 matches found!
node 24 checked!...38 matches found!
node 25 checked!...35 matches found!
node 26 checked!...42 matches found!
node 27 checked!...42 matches found!
node 28 checked!...40 matches found!
node 29 checked!...33 matches found!
node 30 checked!...38 matches found!
```

```
Voting array
--------------
[38 41 42 44 40 37 36 44 34 39 41 36 42 42 36 41 39 41 38 35 39 32 47 38 35
 42 42 40 33 38]
```

```
Putative nodes
------------
[26 14  8  4 23]
```

```
Best matching node from voting array
----------------------------------------
23
```

```
Presence of query node in putative nodes
----------------------------------------
Present
```

```
Node 23 -> query image 31
-----------------------
```

```
101 features detected!
```

```
Checking for matches...
```

```
node 1 checked!...33 matches found!
node 2 checked!...36 matches found!
node 3 checked!...38 matches found!
node 4 checked!...41 matches found!
node 5 checked!...36 matches found!
node 6 checked!...33 matches found!
node 7 checked!...36 matches found!
node 8 checked!...42 matches found!
node 9 checked!...34 matches found!
node 10 checked!...36 matches found!
node 11 checked!...35 matches found!
node 12 checked!...31 matches found!
```

```
node 13 checked!...43 matches found!
node 14 checked!...39 matches found!
node 15 checked!...33 matches found!
node 16 checked!...39 matches found!
node 17 checked!...41 matches found!
node 18 checked!...39 matches found!
node 19 checked!...34 matches found!
node 20 checked!...41 matches found!
node 21 checked!...37 matches found!
node 22 checked!...36 matches found!
node 23 checked!...46 matches found!
node 24 checked!...45 matches found!
node 25 checked!...38 matches found!
node 26 checked!...37 matches found!
node 27 checked!...33 matches found!
node 28 checked!...37 matches found!
node 29 checked!...34 matches found!
node 30 checked!...40 matches found!


Voting array
--------------
[33 36 38 41 36 33 36 42 34 36 35 31 43 39 33 39 41 39 34 41 37 36 46 45 38
 37 33 37 34 40]

Putative nodes
------------
[17  8 13 23 24]

Best matching node from voting array
----------------------------------------
23

Presence of query node in putative nodes
----------------------------------------
Present


Node 23 -> query image 32
------------------------

99 features detected!

Checking for matches...

node 1 checked!...34 matches found!
node 2 checked!...32 matches found!
node 3 checked!...39 matches found!
node 4 checked!...40 matches found!
node 5 checked!...39 matches found!
node 6 checked!...34 matches found!
node 7 checked!...38 matches found!
node 8 checked!...40 matches found!
node 9 checked!...35 matches found!
node 10 checked!...36 matches found!
node 11 checked!...32 matches found!
node 12 checked!...32 matches found!
node 13 checked!...43 matches found!
node 14 checked!...39 matches found!
node 15 checked!...29 matches found!
node 16 checked!...34 matches found!
node 17 checked!...42 matches found!
node 18 checked!...38 matches found!
```

```
node 19 checked!...32 matches found!
node 20 checked!...41 matches found!
node 21 checked!...36 matches found!
node 22 checked!...34 matches found!
node 23 checked!...46 matches found!
node 24 checked!...41 matches found!
node 25 checked!...37 matches found!
node 26 checked!...40 matches found!
node 27 checked!...35 matches found!
node 28 checked!...36 matches found!
node 29 checked!...34 matches found!
node 30 checked!...38 matches found!

Voting array
--------------
[34 32 39 40 39 34 38 40 35 36 32 32 43 39 29 34 42 38 32 41 36 34 46 41 37
 40 35 36 34 38]

Putative nodes
------------
[24 13 17 23 20]

Best matching node from voting array
----------------------------------------
23

Presence of query node in putative nodes
----------------------------------------
Present


Node 23 -> query image 33
-----------------------

70 features detected!

Checking for matches...

node 1 checked!...32 matches found!
node 2 checked!...29 matches found!
node 3 checked!...30 matches found!
node 4 checked!...35 matches found!
node 5 checked!...37 matches found!
node 6 checked!...30 matches found!
node 7 checked!...30 matches found!
node 8 checked!...30 matches found!
node 9 checked!...28 matches found!
node 10 checked!...32 matches found!
node 11 checked!...31 matches found!
node 12 checked!...30 matches found!
node 13 checked!...30 matches found!
node 14 checked!...31 matches found!
node 15 checked!...30 matches found!
node 16 checked!...34 matches found!
node 17 checked!...31 matches found!
node 18 checked!...28 matches found!
node 19 checked!...30 matches found!
node 20 checked!...29 matches found!
node 21 checked!...31 matches found!
node 22 checked!...28 matches found!
node 23 checked!...38 matches found!
node 24 checked!...34 matches found!
```

```
node 25 checked!...30 matches found!
node 26 checked!...34 matches found!
node 27 checked!...28 matches found!
node 28 checked!...36 matches found!
node 29 checked!...24 matches found!
node 30 checked!...34 matches found!

Voting array
--------------
[32 29 30 35 37 30 30 30 28 32 31 30 30 31 30 34 31 28 30 29 31 28 38 34 30
 34 28 36 24 34]

Putative nodes
------------
[24 23 28  4  5]

Best matching node from voting array
----------------------------------------
23

Presence of query node in putative nodes
----------------------------------------
Present


Node 23 -> query image 34
-----------------------

0 features detected!

Checking for matches...

node 1 checked!...0 matches found!
node 2 checked!...0 matches found!
node 3 checked!...0 matches found!
node 4 checked!...0 matches found!
node 5 checked!...0 matches found!
node 6 checked!...0 matches found!
node 7 checked!...0 matches found!
node 8 checked!...0 matches found!
node 9 checked!...0 matches found!
node 10 checked!...0 matches found!
node 11 checked!...0 matches found!
node 12 checked!...0 matches found!
node 13 checked!...0 matches found!
node 14 checked!...0 matches found!
node 15 checked!...0 matches found!
node 16 checked!...0 matches found!
node 17 checked!...0 matches found!
node 18 checked!...0 matches found!
node 19 checked!...0 matches found!
node 20 checked!...0 matches found!
node 21 checked!...0 matches found!
node 22 checked!...0 matches found!
node 23 checked!...0 matches found!
node 24 checked!...0 matches found!
node 25 checked!...0 matches found!
node 26 checked!...0 matches found!
node 27 checked!...0 matches found!
node 28 checked!...0 matches found!
node 29 checked!...0 matches found!
node 30 checked!...0 matches found!
```

Voting array

[0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0]

Unable to predict a matching node and putative nodes!

Node 23 -> query image 35
----

15 features detected!

Checking for matches...

node 1 checked!...10 matches found!
node 2 checked!...8 matches found!
node 3 checked!...10 matches found!
node 4 checked!...11 matches found!
node 5 checked!...11 matches found!
node 6 checked!...10 matches found!
node 7 checked!...9 matches found!
node 8 checked!...10 matches found!
node 9 checked!...10 matches found!
node 10 checked!...9 matches found!
node 11 checked!...10 matches found!
node 12 checked!...10 matches found!
node 13 checked!...10 matches found!
node 14 checked!...10 matches found!
node 15 checked!...10 matches found!
node 16 checked!...10 matches found!
node 17 checked!...11 matches found!
node 18 checked!...11 matches found!
node 19 checked!...11 matches found!
node 20 checked!...11 matches found!
node 21 checked!...11 matches found!
node 22 checked!...9 matches found!
node 23 checked!...11 matches found!
node 24 checked!...10 matches found!
node 25 checked!...10 matches found!
node 26 checked!...10 matches found!
node 27 checked!...9 matches found!
node 28 checked!...9 matches found!
node 29 checked!...11 matches found!
node 30 checked!...10 matches found!

Voting array

[10 8 10 11 11 10 9 10 10 9 10 10 10 10 10 10 11 11 11 11 11 9 11 10 10
 10 9 9 11 10]

Putative nodes

[19 23 21 18 17]

Best matching node from voting array

4

Presence of query node in putative nodes

Present

Node 23 -> query image 36
----

34 features detected!

Checking for matches...

node 1 checked!...22 matches found!
node 2 checked!...18 matches found!
node 3 checked!...23 matches found!
node 4 checked!...25 matches found!
node 5 checked!...25 matches found!
node 6 checked!...23 matches found!
node 7 checked!...19 matches found!
node 8 checked!...22 matches found!
node 9 checked!...20 matches found!
node 10 checked!...22 matches found!
node 11 checked!...16 matches found!
node 12 checked!...21 matches found!
node 13 checked!...24 matches found!
node 14 checked!...23 matches found!
node 15 checked!...19 matches found!
node 16 checked!...26 matches found!
node 17 checked!...26 matches found!
node 18 checked!...23 matches found!
node 19 checked!...21 matches found!
node 20 checked!...22 matches found!
node 21 checked!...23 matches found!
node 22 checked!...21 matches found!
node 23 checked!...22 matches found!
node 24 checked!...22 matches found!
node 25 checked!...18 matches found!
node 26 checked!...21 matches found!
node 27 checked!...21 matches found!
node 28 checked!...22 matches found!
node 29 checked!...22 matches found!
node 30 checked!...20 matches found!

Voting array

[22 18 23 25 25 23 19 22 20 22 16 21 24 23 19 26 26 23 21 22 23 21 22 22 18
 21 21 22 22 20]

Putative nodes

[13 4 5 17 16]

Best matching node from voting array

16

Presence of query node in putative nodes

Absent

Node 23 -> query image 37
----

8 features detected!

Checking for matches...

node 1 checked!...6 matches found!
node 2 checked!...7 matches found!
node 3 checked!...7 matches found!
node 4 checked!...8 matches found!
node 5 checked!...8 matches found!
node 6 checked!...8 matches found!
node 7 checked!...8 matches found!
node 8 checked!...8 matches found!
node 9 checked!...8 matches found!
node 10 checked!...8 matches found!
node 11 checked!...8 matches found!
node 12 checked!...8 matches found!
node 13 checked!...8 matches found!
node 14 checked!...8 matches found!
node 15 checked!...7 matches found!
node 16 checked!...8 matches found!
node 17 checked!...8 matches found!
node 18 checked!...8 matches found!
node 19 checked!...8 matches found!
node 20 checked!...7 matches found!
node 21 checked!...8 matches found!
node 22 checked!...8 matches found!
node 23 checked!...8 matches found!
node 24 checked!...8 matches found!
node 25 checked!...8 matches found!
node 26 checked!...7 matches found!
node 27 checked!...8 matches found!
node 28 checked!...7 matches found!
node 29 checked!...8 matches found!
node 30 checked!...8 matches found!

Voting array

[6 7 7 8 8 8 8 8 8 8 8 8 8 8 7 8 8 8 8 7 8 8 8 8 8 7 8 7 8 8]

Putative nodes

[16 6 17 14 30]

Best matching node from voting array

4

Presence of query node in putative nodes

Absent

Node 23 -> query image 38
----

60 features detected!

Checking for matches...

node 1 checked!...29 matches found!
node 2 checked!...25 matches found!
node 3 checked!...32 matches found!
node 4 checked!...36 matches found!
node 5 checked!...31 matches found!

```
node 6 checked!...26 matches found!
node 7 checked!...21 matches found!
node 8 checked!...30 matches found!
node 9 checked!...22 matches found!
node 10 checked!...30 matches found!
node 11 checked!...29 matches found!
node 12 checked!...27 matches found!
node 13 checked!...29 matches found!
node 14 checked!...30 matches found!
node 15 checked!...24 matches found!
node 16 checked!...34 matches found!
node 17 checked!...35 matches found!
node 18 checked!...28 matches found!
node 19 checked!...29 matches found!
node 20 checked!...30 matches found!
node 21 checked!...34 matches found!
node 22 checked!...28 matches found!
node 23 checked!...34 matches found!
node 24 checked!...31 matches found!
node 25 checked!...27 matches found!
node 26 checked!...28 matches found!
node 27 checked!...26 matches found!
node 28 checked!...30 matches found!
node 29 checked!...32 matches found!
node 30 checked!...26 matches found!
```

Voting array

```
[29 25 32 36 31 26 21 30 22 30 29 27 29 30 24 34 35 28 29 30 34 28 34 31 27
 28 26 30 32 26]
```

Putative nodes

```
[23 21  4 16 17]
```

Best matching node from voting array

4

Presence of query node in putative nodes

Present

Node 23 -> query image 39
----

76 features detected!

Checking for matches...

```
node 1 checked!...33 matches found!
node 2 checked!...35 matches found!
node 3 checked!...35 matches found!
node 4 checked!...36 matches found!
node 5 checked!...32 matches found!
node 6 checked!...33 matches found!
node 7 checked!...29 matches found!
node 8 checked!...33 matches found!
node 9 checked!...31 matches found!
node 10 checked!...41 matches found!
node 11 checked!...32 matches found!
```

```
node 12 checked!...29 matches found!
node 13 checked!...33 matches found!
node 14 checked!...36 matches found!
node 15 checked!...30 matches found!
node 16 checked!...38 matches found!
node 17 checked!...37 matches found!
node 18 checked!...34 matches found!
node 19 checked!...32 matches found!
node 20 checked!...38 matches found!
node 21 checked!...37 matches found!
node 22 checked!...32 matches found!
node 23 checked!...35 matches found!
node 24 checked!...36 matches found!
node 25 checked!...31 matches found!
node 26 checked!...37 matches found!
node 27 checked!...35 matches found!
node 28 checked!...36 matches found!
node 29 checked!...35 matches found!
node 30 checked!...30 matches found!
```

Voting array

[33 35 35 36 32 33 29 33 31 41 32 29 33 36 30 38 37 34 32 38 37 32 35 36 31
 37 35 36 35 30]

Putative nodes

[21 26 10 16 20]

Best matching node from voting array

10

Presence of query node in putative nodes

Absent

Node 23 -> query image 40
----

1 features detected!

Checking for matches...

```
node 1 checked!...1 matches found!
node 2 checked!...1 matches found!
node 3 checked!...1 matches found!
node 4 checked!...1 matches found!
node 5 checked!...1 matches found!
node 6 checked!...1 matches found!
node 7 checked!...1 matches found!
node 8 checked!...1 matches found!
node 9 checked!...1 matches found!
node 10 checked!...1 matches found!
node 11 checked!...1 matches found!
node 12 checked!...1 matches found!
node 13 checked!...1 matches found!
node 14 checked!...1 matches found!
node 15 checked!...1 matches found!
node 16 checked!...1 matches found!
node 17 checked!...1 matches found!
```

```
node 18 checked!...1 matches found!
node 19 checked!...1 matches found!
node 20 checked!...1 matches found!
node 21 checked!...1 matches found!
node 22 checked!...1 matches found!
node 23 checked!...1 matches found!
node 24 checked!...1 matches found!
node 25 checked!...1 matches found!
node 26 checked!...1 matches found!
node 27 checked!...1 matches found!
node 28 checked!...1 matches found!
node 29 checked!...1 matches found!
node 30 checked!...1 matches found!

Voting array
--------------
[1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1]

Putative nodes
------------
[11 14 12 10 30]

Best matching node from voting array
---------------------------------------
1

Presence of query node in putative nodes
---------------------------------------
Absent


 Node 23 testing completed!


Node 24 -> query image 1
------------------------

93 features detected!

Checking for matches...

node 1 checked!...32 matches found!
node 2 checked!...28 matches found!
node 3 checked!...34 matches found!
node 4 checked!...40 matches found!
node 5 checked!...39 matches found!
node 6 checked!...31 matches found!
node 7 checked!...34 matches found!
node 8 checked!...40 matches found!
node 9 checked!...37 matches found!
node 10 checked!...37 matches found!
node 11 checked!...37 matches found!
node 12 checked!...36 matches found!
node 13 checked!...35 matches found!
node 14 checked!...39 matches found!
node 15 checked!...35 matches found!
node 16 checked!...40 matches found!
node 17 checked!...38 matches found!
node 18 checked!...38 matches found!
node 19 checked!...36 matches found!
node 20 checked!...34 matches found!
node 21 checked!...43 matches found!
```

```
node 22 checked!...36 matches found!
node 23 checked!...46 matches found!
node 24 checked!...40 matches found!
node 25 checked!...39 matches found!
node 26 checked!...40 matches found!
node 27 checked!...42 matches found!
node 28 checked!...39 matches found!
node 29 checked!...35 matches found!
node 30 checked!...39 matches found!

Voting array
--------------
[32 28 34 40 39 31 34 40 37 37 37 36 35 39 35 40 38 38 36 34 43 36 46 40 39
 40 42 39 35 39]

Putative nodes
------------
[24 16 27 23 21]

Best matching node from voting array
----------------------------------------
23

Presence of query node in putative nodes
----------------------------------------
Present


Node 24 -> query image 2
------------------------

17 features detected!

Checking for matches...

node 1 checked!...13 matches found!
node 2 checked!...12 matches found!
node 3 checked!...13 matches found!
node 4 checked!...13 matches found!
node 5 checked!...11 matches found!
node 6 checked!...12 matches found!
node 7 checked!...11 matches found!
node 8 checked!...12 matches found!
node 9 checked!...13 matches found!
node 10 checked!...10 matches found!
node 11 checked!...12 matches found!
node 12 checked!...13 matches found!
node 13 checked!...12 matches found!
node 14 checked!...11 matches found!
node 15 checked!...12 matches found!
node 16 checked!...12 matches found!
node 17 checked!...13 matches found!
node 18 checked!...11 matches found!
node 19 checked!...13 matches found!
node 20 checked!...12 matches found!
node 21 checked!...13 matches found!
node 22 checked!...11 matches found!
node 23 checked!...13 matches found!
node 24 checked!...13 matches found!
node 25 checked!...13 matches found!
node 26 checked!...12 matches found!
node 27 checked!...11 matches found!
```

```
node 28 checked!...11 matches found!
node 29 checked!...13 matches found!
node 30 checked!...12 matches found!

Voting array
--------------
[13 12 13 13 11 12 11 12 13 10 12 13 12 11 12 12 13 11 13 12 13 11 13 13 13
 12 11 11 13 12]

Putative nodes
------------
[21 12  9 23  1]

Best matching node from voting array
----------------------------------------
1

Presence of query node in putative nodes
----------------------------------------
Absent


Node 24 -> query image 3
------------------------

82 features detected!

Checking for matches...

node 1 checked!...32 matches found!
node 2 checked!...29 matches found!
node 3 checked!...37 matches found!
node 4 checked!...41 matches found!
node 5 checked!...37 matches found!
node 6 checked!...35 matches found!
node 7 checked!...31 matches found!
node 8 checked!...37 matches found!
node 9 checked!...34 matches found!
node 10 checked!...37 matches found!
node 11 checked!...36 matches found!
node 12 checked!...30 matches found!
node 13 checked!...36 matches found!
node 14 checked!...33 matches found!
node 15 checked!...35 matches found!
node 16 checked!...34 matches found!
node 17 checked!...36 matches found!
node 18 checked!...35 matches found!
node 19 checked!...36 matches found!
node 20 checked!...30 matches found!
node 21 checked!...41 matches found!
node 22 checked!...33 matches found!
node 23 checked!...40 matches found!
node 24 checked!...34 matches found!
node 25 checked!...37 matches found!
node 26 checked!...37 matches found!
node 27 checked!...36 matches found!
node 28 checked!...35 matches found!
node 29 checked!...39 matches found!
node 30 checked!...38 matches found!

Voting array
--------------
```

[32 29 37 41 37 35 31 37 34 37 36 30 36 33 35 34 36 35 36 30 41 33 40 34 37
 37 36 35 39 38]

Putative nodes

[30 23 21 29 4]

Best matching node from voting array

4

Presence of query node in putative nodes

Absent

Node 24 -> query image 4
----

0 features detected!

Checking for matches...

node 1 checked!...0 matches found!
node 2 checked!...0 matches found!
node 3 checked!...0 matches found!
node 4 checked!...0 matches found!
node 5 checked!...0 matches found!
node 6 checked!...0 matches found!
node 7 checked!...0 matches found!
node 8 checked!...0 matches found!
node 9 checked!...0 matches found!
node 10 checked!...0 matches found!
node 11 checked!...0 matches found!
node 12 checked!...0 matches found!
node 13 checked!...0 matches found!
node 14 checked!...0 matches found!
node 15 checked!...0 matches found!
node 16 checked!...0 matches found!
node 17 checked!...0 matches found!
node 18 checked!...0 matches found!
node 19 checked!...0 matches found!
node 20 checked!...0 matches found!
node 21 checked!...0 matches found!
node 22 checked!...0 matches found!
node 23 checked!...0 matches found!
node 24 checked!...0 matches found!
node 25 checked!...0 matches found!
node 26 checked!...0 matches found!
node 27 checked!...0 matches found!
node 28 checked!...0 matches found!
node 29 checked!...0 matches found!
node 30 checked!...0 matches found!

Voting array

[0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0]

Unable to predict a matching node and putative nodes!

Node 24 -> query image 5
----

0 features detected!

Checking for matches...

node 1 checked!...0 matches found!
node 2 checked!...0 matches found!
node 3 checked!...0 matches found!
node 4 checked!...0 matches found!
node 5 checked!...0 matches found!
node 6 checked!...0 matches found!
node 7 checked!...0 matches found!
node 8 checked!...0 matches found!
node 9 checked!...0 matches found!
node 10 checked!...0 matches found!
node 11 checked!...0 matches found!
node 12 checked!...0 matches found!
node 13 checked!...0 matches found!
node 14 checked!...0 matches found!
node 15 checked!...0 matches found!
node 16 checked!...0 matches found!
node 17 checked!...0 matches found!
node 18 checked!...0 matches found!
node 19 checked!...0 matches found!
node 20 checked!...0 matches found!
node 21 checked!...0 matches found!
node 22 checked!...0 matches found!
node 23 checked!...0 matches found!
node 24 checked!...0 matches found!
node 25 checked!...0 matches found!
node 26 checked!...0 matches found!
node 27 checked!...0 matches found!
node 28 checked!...0 matches found!
node 29 checked!...0 matches found!
node 30 checked!...0 matches found!

Voting array

[0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0]

Unable to predict a matching node and putative nodes!

Node 24 -> query image 6
----

61 features detected!

Checking for matches...

node 1 checked!...26 matches found!
node 2 checked!...22 matches found!
node 3 checked!...26 matches found!
node 4 checked!...30 matches found!
node 5 checked!...31 matches found!
node 6 checked!...27 matches found!
node 7 checked!...22 matches found!
node 8 checked!...23 matches found!
node 9 checked!...26 matches found!
node 10 checked!...30 matches found!
node 11 checked!...33 matches found!
node 12 checked!...28 matches found!
node 13 checked!...31 matches found!

```
node 14 checked!...26 matches found!
node 15 checked!...30 matches found!
node 16 checked!...31 matches found!
node 17 checked!...30 matches found!
node 18 checked!...28 matches found!
node 19 checked!...25 matches found!
node 20 checked!...24 matches found!
node 21 checked!...33 matches found!
node 22 checked!...22 matches found!
node 23 checked!...30 matches found!
node 24 checked!...26 matches found!
node 25 checked!...28 matches found!
node 26 checked!...24 matches found!
node 27 checked!...32 matches found!
node 28 checked!...31 matches found!
node 29 checked!...28 matches found!
node 30 checked!...28 matches found!


Voting array
--------------
[26 22 26 30 31 27 22 23 26 30 33 28 31 26 30 31 30 28 25 24 33 22 30 26 28
 24 32 31 28 28]

Putative nodes
------------
[ 5 13 27 21 11]

Best matching node from voting array
----------------------------------------
11

Presence of query node in putative nodes
----------------------------------------
Absent


Node 24 -> query image 7
------------------------

90 features detected!

Checking for matches...

node 1 checked!...34 matches found!
node 2 checked!...31 matches found!
node 3 checked!...32 matches found!
node 4 checked!...38 matches found!
node 5 checked!...35 matches found!
node 6 checked!...29 matches found!
node 7 checked!...31 matches found!
node 8 checked!...37 matches found!
node 9 checked!...29 matches found!
node 10 checked!...31 matches found!
node 11 checked!...33 matches found!
node 12 checked!...31 matches found!
node 13 checked!...38 matches found!
node 14 checked!...29 matches found!
node 15 checked!...34 matches found!
node 16 checked!...38 matches found!
node 17 checked!...31 matches found!
node 18 checked!...34 matches found!
node 19 checked!...34 matches found!
```

```
node 20 checked!...30 matches found!
node 21 checked!...36 matches found!
node 22 checked!...31 matches found!
node 23 checked!...33 matches found!
node 24 checked!...38 matches found!
node 25 checked!...32 matches found!
node 26 checked!...35 matches found!
node 27 checked!...34 matches found!
node 28 checked!...35 matches found!
node 29 checked!...33 matches found!
node 30 checked!...37 matches found!
```

Voting array

[34 31 32 38 35 29 31 37 29 31 33 31 38 29 34 38 31 34 34 30 36 31 33 38 32
 35 34 35 33 37]

Putative nodes

[30 4 24 13 16]

Best matching node from voting array

4

Presence of query node in putative nodes

Present

Node 24 -> query image 8
----

27 features detected!

Checking for matches...

```
node 1 checked!...18 matches found!
node 2 checked!...15 matches found!
node 3 checked!...15 matches found!
node 4 checked!...17 matches found!
node 5 checked!...19 matches found!
node 6 checked!...15 matches found!
node 7 checked!...15 matches found!
node 8 checked!...20 matches found!
node 9 checked!...17 matches found!
node 10 checked!...16 matches found!
node 11 checked!...19 matches found!
node 12 checked!...18 matches found!
node 13 checked!...17 matches found!
node 14 checked!...18 matches found!
node 15 checked!...16 matches found!
node 16 checked!...18 matches found!
node 17 checked!...16 matches found!
node 18 checked!...16 matches found!
node 19 checked!...15 matches found!
node 20 checked!...17 matches found!
node 21 checked!...20 matches found!
node 22 checked!...17 matches found!
node 23 checked!...18 matches found!
node 24 checked!...17 matches found!
node 25 checked!...15 matches found!
```

```
node 26 checked!...21 matches found!
node 27 checked!...17 matches found!
node 28 checked!...16 matches found!
node 29 checked!...18 matches found!
node 30 checked!...18 matches found!

Voting array
--------------
[18 15 15 17 19 15 15 20 17 16 19 18 17 18 16 18 16 16 15 17 20 17 18 17 15
 21 17 16 18 18]

Putative nodes
------------
[ 5 11 21  8 26]

Best matching node from voting array
-------------------------------------
26

Presence of query node in putative nodes
-------------------------------------
Absent


Node 24 -> query image 9
------------------------

91 features detected!

Checking for matches...

node 1 checked!...37 matches found!
node 2 checked!...38 matches found!
node 3 checked!...35 matches found!
node 4 checked!...36 matches found!
node 5 checked!...38 matches found!
node 6 checked!...36 matches found!
node 7 checked!...35 matches found!
node 8 checked!...35 matches found!
node 9 checked!...35 matches found!
node 10 checked!...35 matches found!
node 11 checked!...36 matches found!
node 12 checked!...34 matches found!
node 13 checked!...40 matches found!
node 14 checked!...37 matches found!
node 15 checked!...36 matches found!
node 16 checked!...36 matches found!
node 17 checked!...42 matches found!
node 18 checked!...35 matches found!
node 19 checked!...36 matches found!
node 20 checked!...37 matches found!
node 21 checked!...37 matches found!
node 22 checked!...33 matches found!
node 23 checked!...38 matches found!
node 24 checked!...39 matches found!
node 25 checked!...35 matches found!
node 26 checked!...37 matches found!
node 27 checked!...36 matches found!
node 28 checked!...38 matches found!
node 29 checked!...32 matches found!
node 30 checked!...42 matches found!
```

Voting array

[37 38 35 36 38 36 35 35 35 35 36 34 40 37 36 36 42 35 36 37 37 33 38 39 35
 37 36 38 32 42]

Putative nodes

[23 24 13 17 30]

Best matching node from voting array

17

Presence of query node in putative nodes

Present

Node 24 -> query image 10
----

90 features detected!

Checking for matches...

node 1 checked!...34 matches found!
node 2 checked!...35 matches found!
node 3 checked!...34 matches found!
node 4 checked!...39 matches found!
node 5 checked!...38 matches found!
node 6 checked!...33 matches found!
node 7 checked!...36 matches found!
node 8 checked!...35 matches found!
node 9 checked!...34 matches found!
node 10 checked!...36 matches found!
node 11 checked!...38 matches found!
node 12 checked!...34 matches found!
node 13 checked!...38 matches found!
node 14 checked!...36 matches found!
node 15 checked!...35 matches found!
node 16 checked!...40 matches found!
node 17 checked!...43 matches found!
node 18 checked!...39 matches found!
node 19 checked!...35 matches found!
node 20 checked!...39 matches found!
node 21 checked!...40 matches found!
node 22 checked!...32 matches found!
node 23 checked!...42 matches found!
node 24 checked!...40 matches found!
node 25 checked!...41 matches found!
node 26 checked!...39 matches found!
node 27 checked!...37 matches found!
node 28 checked!...39 matches found!
node 29 checked!...39 matches found!
node 30 checked!...37 matches found!

Voting array

[34 35 34 39 38 33 36 35 34 36 38 34 38 36 35 40 43 39 35 39 40 32 42 40 41
 39 37 39 39 37]

Putative nodes

```
------------
[24 21 25 23 17]
```

Best matching node from voting array

17

Presence of query node in putative nodes

Present

Node 24 -> query image 11
----

91 features detected!

Checking for matches...

```
node 1 checked!...30 matches found!
node 2 checked!...25 matches found!
node 3 checked!...36 matches found!
node 4 checked!...38 matches found!
node 5 checked!...38 matches found!
node 6 checked!...37 matches found!
node 7 checked!...38 matches found!
node 8 checked!...44 matches found!
node 9 checked!...32 matches found!
node 10 checked!...36 matches found!
node 11 checked!...37 matches found!
node 12 checked!...34 matches found!
node 13 checked!...34 matches found!
node 14 checked!...36 matches found!
node 15 checked!...36 matches found!
node 16 checked!...35 matches found!
node 17 checked!...41 matches found!
node 18 checked!...38 matches found!
node 19 checked!...32 matches found!
node 20 checked!...33 matches found!
node 21 checked!...46 matches found!
node 22 checked!...36 matches found!
node 23 checked!...43 matches found!
node 24 checked!...41 matches found!
node 25 checked!...41 matches found!
node 26 checked!...46 matches found!
node 27 checked!...36 matches found!
node 28 checked!...39 matches found!
node 29 checked!...36 matches found!
node 30 checked!...39 matches found!
```

Voting array

```
[30 25 36 38 38 37 38 44 32 36 37 34 34 36 36 35 41 38 32 33 46 36 43 41 41
 46 36 39 36 39]
```

Putative nodes

```
[25 23 21  8 26]
```

Best matching node from voting array

21

Presence of query node in putative nodes

Absent

Node 24 -> query image 12
----

77 features detected!

Checking for matches...

node 1 checked!...30 matches found!
node 2 checked!...27 matches found!
node 3 checked!...32 matches found!
node 4 checked!...36 matches found!
node 5 checked!...36 matches found!
node 6 checked!...36 matches found!
node 7 checked!...34 matches found!
node 8 checked!...40 matches found!
node 9 checked!...35 matches found!
node 10 checked!...38 matches found!
node 11 checked!...33 matches found!
node 12 checked!...35 matches found!
node 13 checked!...36 matches found!
node 14 checked!...28 matches found!
node 15 checked!...28 matches found!
node 16 checked!...34 matches found!
node 17 checked!...35 matches found!
node 18 checked!...40 matches found!
node 19 checked!...35 matches found!
node 20 checked!...33 matches found!
node 21 checked!...36 matches found!
node 22 checked!...34 matches found!
node 23 checked!...37 matches found!
node 24 checked!...40 matches found!
node 25 checked!...35 matches found!
node 26 checked!...34 matches found!
node 27 checked!...37 matches found!
node 28 checked!...36 matches found!
node 29 checked!...36 matches found!
node 30 checked!...38 matches found!

Voting array

[30 27 32 36 36 36 34 40 35 38 33 35 36 28 28 34 35 40 35 33 36 34 37 40 35
 34 37 36 36 38]

Putative nodes

[10 30 24 8 18]

Best matching node from voting array

8

Presence of query node in putative nodes

Present

Node 24 -> query image 13
----

85 features detected!

Checking for matches...

node 1 checked!...26 matches found!
node 2 checked!...24 matches found!
node 3 checked!...26 matches found!
node 4 checked!...30 matches found!
node 5 checked!...26 matches found!
node 6 checked!...24 matches found!
node 7 checked!...23 matches found!
node 8 checked!...30 matches found!
node 9 checked!...25 matches found!
node 10 checked!...23 matches found!
node 11 checked!...29 matches found!
node 12 checked!...22 matches found!
node 13 checked!...29 matches found!
node 14 checked!...27 matches found!
node 15 checked!...27 matches found!
node 16 checked!...29 matches found!
node 17 checked!...27 matches found!
node 18 checked!...30 matches found!
node 19 checked!...30 matches found!
node 20 checked!...26 matches found!
node 21 checked!...29 matches found!
node 22 checked!...21 matches found!
node 23 checked!...26 matches found!
node 24 checked!...25 matches found!
node 25 checked!...23 matches found!
node 26 checked!...26 matches found!
node 27 checked!...25 matches found!
node 28 checked!...26 matches found!
node 29 checked!...25 matches found!
node 30 checked!...26 matches found!

Voting array

[26 24 26 30 26 24 23 30 25 23 29 22 29 27 27 29 27 30 30 26 29 21 26 25 23
 26 25 26 25 26]

Putative nodes

[16 19 4 8 18]

Best matching node from voting array

4

Presence of query node in putative nodes

Absent

Node 24 -> query image 14
----

87 features detected!

Checking for matches...

```
node 1 checked!...37 matches found!
node 2 checked!...40 matches found!
node 3 checked!...33 matches found!
node 4 checked!...36 matches found!
node 5 checked!...37 matches found!
node 6 checked!...37 matches found!
node 7 checked!...32 matches found!
node 8 checked!...36 matches found!
node 9 checked!...35 matches found!
node 10 checked!...38 matches found!
node 11 checked!...33 matches found!
node 12 checked!...32 matches found!
node 13 checked!...37 matches found!
node 14 checked!...34 matches found!
node 15 checked!...36 matches found!
node 16 checked!...37 matches found!
node 17 checked!...40 matches found!
node 18 checked!...37 matches found!
node 19 checked!...34 matches found!
node 20 checked!...38 matches found!
node 21 checked!...40 matches found!
node 22 checked!...36 matches found!
node 23 checked!...38 matches found!
node 24 checked!...37 matches found!
node 25 checked!...37 matches found!
node 26 checked!...36 matches found!
node 27 checked!...36 matches found!
node 28 checked!...33 matches found!
node 29 checked!...32 matches found!
node 30 checked!...39 matches found!
```

Voting array

[37 40 33 36 37 37 32 36 35 38 33 32 37 34 36 37 40 37 34 38 40 36 38 37 37
 36 36 33 32 39]

Putative nodes

[23 30 2 21 17]

Best matching node from voting array

2

Presence of query node in putative nodes

Absent

Node 24 -> query image 15
----

88 features detected!

Checking for matches...

```
node 1 checked!...29 matches found!
node 2 checked!...34 matches found!
node 3 checked!...31 matches found!
node 4 checked!...38 matches found!
node 5 checked!...36 matches found!
```

```
node 6 checked!...33 matches found!
node 7 checked!...36 matches found!
node 8 checked!...34 matches found!
node 9 checked!...32 matches found!
node 10 checked!...31 matches found!
node 11 checked!...38 matches found!
node 12 checked!...35 matches found!
node 13 checked!...34 matches found!
node 14 checked!...33 matches found!
node 15 checked!...34 matches found!
node 16 checked!...35 matches found!
node 17 checked!...41 matches found!
node 18 checked!...38 matches found!
node 19 checked!...33 matches found!
node 20 checked!...36 matches found!
node 21 checked!...41 matches found!
node 22 checked!...32 matches found!
node 23 checked!...42 matches found!
node 24 checked!...37 matches found!
node 25 checked!...42 matches found!
node 26 checked!...40 matches found!
node 27 checked!...38 matches found!
node 28 checked!...37 matches found!
node 29 checked!...39 matches found!
node 30 checked!...39 matches found!
```

Voting array

[29 34 31 38 36 33 36 34 32 31 38 35 34 33 34 35 41 38 33 36 41 32 42 37 42
 40 38 37 39 39]

Putative nodes

[26 17 21 25 23]

Best matching node from voting array

23

Presence of query node in putative nodes

Absent

Node 24 -> query image 16
----

97 features detected!

Checking for matches...

```
node 1 checked!...36 matches found!
node 2 checked!...32 matches found!
node 3 checked!...39 matches found!
node 4 checked!...43 matches found!
node 5 checked!...40 matches found!
node 6 checked!...38 matches found!
node 7 checked!...37 matches found!
node 8 checked!...39 matches found!
node 9 checked!...34 matches found!
node 10 checked!...35 matches found!
node 11 checked!...39 matches found!
```

```
node 12 checked!...38 matches found!
node 13 checked!...39 matches found!
node 14 checked!...40 matches found!
node 15 checked!...34 matches found!
node 16 checked!...39 matches found!
node 17 checked!...36 matches found!
node 18 checked!...38 matches found!
node 19 checked!...31 matches found!
node 20 checked!...39 matches found!
node 21 checked!...44 matches found!
node 22 checked!...36 matches found!
node 23 checked!...41 matches found!
node 24 checked!...44 matches found!
node 25 checked!...43 matches found!
node 26 checked!...42 matches found!
node 27 checked!...38 matches found!
node 28 checked!...44 matches found!
node 29 checked!...40 matches found!
node 30 checked!...45 matches found!
```

Voting array

[36 32 39 43 40 38 37 39 34 35 39 38 39 40 34 39 36 38 31 39 44 36 41 44 43
 42 38 44 40 45]

Putative nodes

[25 21 28 24 30]

Best matching node from voting array

30

Presence of query node in putative nodes

Present

Node 24 -> query image 17
----

83 features detected!

Checking for matches...

```
node 1 checked!...35 matches found!
node 2 checked!...28 matches found!
node 3 checked!...31 matches found!
node 4 checked!...38 matches found!
node 5 checked!...36 matches found!
node 6 checked!...26 matches found!
node 7 checked!...33 matches found!
node 8 checked!...38 matches found!
node 9 checked!...27 matches found!
node 10 checked!...31 matches found!
node 11 checked!...32 matches found!
node 12 checked!...31 matches found!
node 13 checked!...33 matches found!
node 14 checked!...30 matches found!
node 15 checked!...31 matches found!
node 16 checked!...35 matches found!
node 17 checked!...37 matches found!
```

```
node 18 checked!...33 matches found!
node 19 checked!...33 matches found!
node 20 checked!...32 matches found!
node 21 checked!...34 matches found!
node 22 checked!...28 matches found!
node 23 checked!...40 matches found!
node 24 checked!...34 matches found!
node 25 checked!...33 matches found!
node 26 checked!...34 matches found!
node 27 checked!...37 matches found!
node 28 checked!...34 matches found!
node 29 checked!...35 matches found!
node 30 checked!...34 matches found!

Voting array
--------------
[35 28 31 38 36 26 33 38 27 31 32 31 33 30 31 35 37 33 33 32 34 28 40 34 33
 34 37 34 35 34]

Putative nodes
------------
[27 17  4  8 23]

Best matching node from voting array
----------------------------------------
23

Presence of query node in putative nodes
----------------------------------------
Absent


Node 24 -> query image 18
------------------------

95 features detected!

Checking for matches...

node 1 checked!...35 matches found!
node 2 checked!...37 matches found!
node 3 checked!...34 matches found!
node 4 checked!...47 matches found!
node 5 checked!...42 matches found!
node 6 checked!...37 matches found!
node 7 checked!...36 matches found!
node 8 checked!...43 matches found!
node 9 checked!...34 matches found!
node 10 checked!...32 matches found!
node 11 checked!...38 matches found!
node 12 checked!...37 matches found!
node 13 checked!...35 matches found!
node 14 checked!...38 matches found!
node 15 checked!...37 matches found!
node 16 checked!...37 matches found!
node 17 checked!...41 matches found!
node 18 checked!...45 matches found!
node 19 checked!...39 matches found!
node 20 checked!...37 matches found!
node 21 checked!...38 matches found!
node 22 checked!...36 matches found!
node 23 checked!...40 matches found!
```

```
node 24 checked!...43 matches found!
node 25 checked!...37 matches found!
node 26 checked!...38 matches found!
node 27 checked!...34 matches found!
node 28 checked!...39 matches found!
node 29 checked!...36 matches found!
node 30 checked!...37 matches found!

Voting array
--------------
[35 37 34 47 42 37 36 43 34 32 38 37 35 38 37 37 41 45 39 37 38 36 40 43 37
 38 34 39 36 37]

Putative nodes
------------
[ 5  8 24  4 18]

Best matching node from voting array
----------------------------------------
4

Presence of query node in putative nodes
----------------------------------------
Present


Node 24 -> query image 19
-----------------------

90 features detected!

Checking for matches...

node 1 checked!...31 matches found!
node 2 checked!...34 matches found!
node 3 checked!...36 matches found!
node 4 checked!...40 matches found!
node 5 checked!...38 matches found!
node 6 checked!...31 matches found!
node 7 checked!...34 matches found!
node 8 checked!...36 matches found!
node 9 checked!...30 matches found!
node 10 checked!...34 matches found!
node 11 checked!...32 matches found!
node 12 checked!...35 matches found!
node 13 checked!...35 matches found!
node 14 checked!...37 matches found!
node 15 checked!...34 matches found!
node 16 checked!...36 matches found!
node 17 checked!...40 matches found!
node 18 checked!...29 matches found!
node 19 checked!...34 matches found!
node 20 checked!...31 matches found!
node 21 checked!...32 matches found!
node 22 checked!...32 matches found!
node 23 checked!...38 matches found!
node 24 checked!...41 matches found!
node 25 checked!...35 matches found!
node 26 checked!...34 matches found!
node 27 checked!...33 matches found!
node 28 checked!...35 matches found!
node 29 checked!...29 matches found!
```

```
node 30 checked!...40 matches found!

Voting array
--------------
[31 34 36 40 38 31 34 36 30 34 32 35 35 37 34 36 40 29 34 31 32 32 38 41 35
 34 33 35 29 40]

Putative nodes
------------
[23  4 30 17 24]

Best matching node from voting array
---------------------------------------
24

Presence of query node in putative nodes
---------------------------------------
Present


Node 24 -> query image 20
-----------------------

39 features detected!

Checking for matches...

node 1 checked!...23 matches found!
node 2 checked!...23 matches found!
node 3 checked!...24 matches found!
node 4 checked!...28 matches found!
node 5 checked!...25 matches found!
node 6 checked!...22 matches found!
node 7 checked!...18 matches found!
node 8 checked!...21 matches found!
node 9 checked!...26 matches found!
node 10 checked!...21 matches found!
node 11 checked!...20 matches found!
node 12 checked!...21 matches found!
node 13 checked!...26 matches found!
node 14 checked!...21 matches found!
node 15 checked!...22 matches found!
node 16 checked!...26 matches found!
node 17 checked!...23 matches found!
node 18 checked!...25 matches found!
node 19 checked!...21 matches found!
node 20 checked!...22 matches found!
node 21 checked!...25 matches found!
node 22 checked!...20 matches found!
node 23 checked!...22 matches found!
node 24 checked!...24 matches found!
node 25 checked!...27 matches found!
node 26 checked!...26 matches found!
node 27 checked!...24 matches found!
node 28 checked!...23 matches found!
node 29 checked!...21 matches found!
node 30 checked!...27 matches found!

Voting array
--------------
[23 23 24 28 25 22 18 21 26 21 20 21 26 21 22 26 23 25 21 22 25 20 22 24 27
 26 24 23 21 27]
```

Putative nodes

[9 13 30 25 4]

Best matching node from voting array

4

Presence of query node in putative nodes

Absent

Node 24 -> query image 21
----

93 features detected!

Checking for matches...

node 1 checked!...37 matches found!
node 2 checked!...31 matches found!
node 3 checked!...39 matches found!
node 4 checked!...43 matches found!
node 5 checked!...39 matches found!
node 6 checked!...35 matches found!
node 7 checked!...35 matches found!
node 8 checked!...38 matches found!
node 9 checked!...34 matches found!
node 10 checked!...36 matches found!
node 11 checked!...41 matches found!
node 12 checked!...37 matches found!
node 13 checked!...35 matches found!
node 14 checked!...39 matches found!
node 15 checked!...34 matches found!
node 16 checked!...39 matches found!
node 17 checked!...38 matches found!
node 18 checked!...39 matches found!
node 19 checked!...34 matches found!
node 20 checked!...40 matches found!
node 21 checked!...43 matches found!
node 22 checked!...33 matches found!
node 23 checked!...39 matches found!
node 24 checked!...43 matches found!
node 25 checked!...43 matches found!
node 26 checked!...40 matches found!
node 27 checked!...37 matches found!
node 28 checked!...43 matches found!
node 29 checked!...40 matches found!
node 30 checked!...44 matches found!

Voting array

[37 31 39 43 39 35 35 38 34 36 41 37 35 39 34 39 38 39 34 40 43 33 39 43 43
 40 37 43 40 44]

Putative nodes

[21 25 24 4 30]

Best matching node from voting array

```
----------------------------------------
30

Presence of query node in putative nodes
----------------------------------------
Present


Node 24 -> query image 22
------------------------

88 features detected!

Checking for matches...

node 1 checked!...32 matches found!
node 2 checked!...31 matches found!
node 3 checked!...35 matches found!
node 4 checked!...42 matches found!
node 5 checked!...38 matches found!
node 6 checked!...35 matches found!
node 7 checked!...34 matches found!
node 8 checked!...41 matches found!
node 9 checked!...37 matches found!
node 10 checked!...37 matches found!
node 11 checked!...35 matches found!
node 12 checked!...38 matches found!
node 13 checked!...40 matches found!
node 14 checked!...29 matches found!
node 15 checked!...32 matches found!
node 16 checked!...41 matches found!
node 17 checked!...40 matches found!
node 18 checked!...38 matches found!
node 19 checked!...34 matches found!
node 20 checked!...34 matches found!
node 21 checked!...37 matches found!
node 22 checked!...32 matches found!
node 23 checked!...36 matches found!
node 24 checked!...42 matches found!
node 25 checked!...36 matches found!
node 26 checked!...40 matches found!
node 27 checked!...39 matches found!
node 28 checked!...40 matches found!
node 29 checked!...38 matches found!
node 30 checked!...40 matches found!

Voting array
--------------
[32 31 35 42 38 35 34 41 37 37 35 38 40 29 32 41 40 38 34 34 37 32 36 42 36
 40 39 40 38 40]

Putative nodes
------------
[13  8 16  4 24]

Best matching node from voting array
----------------------------------------
4

Presence of query node in putative nodes
----------------------------------------
Present
```

Node 24 -> query image 23
----

92 features detected!

Checking for matches...

node 1 checked!...32 matches found!
node 2 checked!...37 matches found!
node 3 checked!...37 matches found!
node 4 checked!...43 matches found!
node 5 checked!...41 matches found!
node 6 checked!...33 matches found!
node 7 checked!...35 matches found!
node 8 checked!...40 matches found!
node 9 checked!...34 matches found!
node 10 checked!...32 matches found!
node 11 checked!...36 matches found!
node 12 checked!...32 matches found!
node 13 checked!...39 matches found!
node 14 checked!...39 matches found!
node 15 checked!...32 matches found!
node 16 checked!...33 matches found!
node 17 checked!...42 matches found!
node 18 checked!...41 matches found!
node 19 checked!...33 matches found!
node 20 checked!...39 matches found!
node 21 checked!...35 matches found!
node 22 checked!...37 matches found!
node 23 checked!...39 matches found!
node 24 checked!...37 matches found!
node 25 checked!...35 matches found!
node 26 checked!...37 matches found!
node 27 checked!...38 matches found!
node 28 checked!...40 matches found!
node 29 checked!...39 matches found!
node 30 checked!...38 matches found!

Voting array

[32 37 37 43 41 33 35 40 34 32 36 32 39 39 32 33 42 41 33 39 35 37 39 37 35
 37 38 40 39 38]

Putative nodes

[28 5 18 4 17]

Best matching node from voting array

4

Presence of query node in putative nodes

Absent

Node 24 -> query image 24
----

90 features detected!

Checking for matches...

node 1 checked!...37 matches found!
node 2 checked!...36 matches found!
node 3 checked!...34 matches found!
node 4 checked!...40 matches found!
node 5 checked!...40 matches found!
node 6 checked!...38 matches found!
node 7 checked!...37 matches found!
node 8 checked!...38 matches found!
node 9 checked!...38 matches found!
node 10 checked!...33 matches found!
node 11 checked!...35 matches found!
node 12 checked!...33 matches found!
node 13 checked!...36 matches found!
node 14 checked!...37 matches found!
node 15 checked!...36 matches found!
node 16 checked!...41 matches found!
node 17 checked!...40 matches found!
node 18 checked!...38 matches found!
node 19 checked!...37 matches found!
node 20 checked!...40 matches found!
node 21 checked!...37 matches found!
node 22 checked!...36 matches found!
node 23 checked!...39 matches found!
node 24 checked!...44 matches found!
node 25 checked!...32 matches found!
node 26 checked!...34 matches found!
node 27 checked!...36 matches found!
node 28 checked!...37 matches found!
node 29 checked!...32 matches found!
node 30 checked!...40 matches found!

Voting array

[37 36 34 40 40 38 37 38 38 33 35 33 36 37 36 41 40 38 37 40 37 36 39 44 32
 34 36 37 32 40]

Putative nodes

[17 24 20 16 30]

Best matching node from voting array

24

Presence of query node in putative nodes

Present

Node 24 -> query image 25
----

94 features detected!

Checking for matches...

node 1 checked!...33 matches found!
node 2 checked!...33 matches found!
node 3 checked!...36 matches found!

```
node 4 checked!...42 matches found!
node 5 checked!...38 matches found!
node 6 checked!...34 matches found!
node 7 checked!...38 matches found!
node 8 checked!...38 matches found!
node 9 checked!...30 matches found!
node 10 checked!...36 matches found!
node 11 checked!...32 matches found!
node 12 checked!...33 matches found!
node 13 checked!...34 matches found!
node 14 checked!...37 matches found!
node 15 checked!...37 matches found!
node 16 checked!...40 matches found!
node 17 checked!...37 matches found!
node 18 checked!...37 matches found!
node 19 checked!...33 matches found!
node 20 checked!...31 matches found!
node 21 checked!...36 matches found!
node 22 checked!...34 matches found!
node 23 checked!...41 matches found!
node 24 checked!...45 matches found!
node 25 checked!...39 matches found!
node 26 checked!...34 matches found!
node 27 checked!...33 matches found!
node 28 checked!...37 matches found!
node 29 checked!...36 matches found!
node 30 checked!...33 matches found!

Voting array
--------------
[33 33 36 42 38 34 38 38 30 36 32 33 34 37 37 40 37 37 33 31 36 34 41 45 39
 34 33 37 36 33]

Putative nodes
------------
[25 16 24 23  4]

Best matching node from voting array
----------------------------------------
24

Presence of query node in putative nodes
----------------------------------------
Present


Node 24 -> query image 26
------------------------

97 features detected!

Checking for matches...

node 1 checked!...35 matches found!
node 2 checked!...35 matches found!
node 3 checked!...39 matches found!
node 4 checked!...40 matches found!
node 5 checked!...41 matches found!
node 6 checked!...35 matches found!
node 7 checked!...31 matches found!
node 8 checked!...39 matches found!
node 9 checked!...37 matches found!
```

```
node 10 checked!...37 matches found!
node 11 checked!...37 matches found!
node 12 checked!...36 matches found!
node 13 checked!...42 matches found!
node 14 checked!...35 matches found!
node 15 checked!...32 matches found!
node 16 checked!...40 matches found!
node 17 checked!...40 matches found!
node 18 checked!...36 matches found!
node 19 checked!...34 matches found!
node 20 checked!...39 matches found!
node 21 checked!...39 matches found!
node 22 checked!...39 matches found!
node 23 checked!...39 matches found!
node 24 checked!...43 matches found!
node 25 checked!...37 matches found!
node 26 checked!...40 matches found!
node 27 checked!...42 matches found!
node 28 checked!...34 matches found!
node 29 checked!...38 matches found!
node 30 checked!...39 matches found!


Voting array
--------------
[35 35 39 40 41 35 31 39 37 37 37 36 42 35 32 40 40 36 34 39 39 39 39 43 37
 40 42 34 38 39]

Putative nodes
------------
[ 4  5 27 13 24]

Best matching node from voting array
----------------------------------------
24

Presence of query node in putative nodes
----------------------------------------
Present


Node 24 -> query image 27
------------------------

94 features detected!

Checking for matches...

node 1 checked!...36 matches found!
node 2 checked!...35 matches found!
node 3 checked!...37 matches found!
node 4 checked!...40 matches found!
node 5 checked!...41 matches found!
node 6 checked!...35 matches found!
node 7 checked!...34 matches found!
node 8 checked!...40 matches found!
node 9 checked!...35 matches found!
node 10 checked!...32 matches found!
node 11 checked!...34 matches found!
node 12 checked!...41 matches found!
node 13 checked!...39 matches found!
node 14 checked!...37 matches found!
node 15 checked!...36 matches found!
```

```
node 16 checked!...40 matches found!
node 17 checked!...36 matches found!
node 18 checked!...34 matches found!
node 19 checked!...31 matches found!
node 20 checked!...36 matches found!
node 21 checked!...39 matches found!
node 22 checked!...34 matches found!
node 23 checked!...39 matches found!
node 24 checked!...44 matches found!
node 25 checked!...34 matches found!
node 26 checked!...37 matches found!
node 27 checked!...39 matches found!
node 28 checked!...37 matches found!
node 29 checked!...39 matches found!
node 30 checked!...40 matches found!

Voting array
--------------
[36 35 37 40 41 35 34 40 35 32 34 41 39 37 36 40 36 34 31 36 39 34 39 44 34
 37 39 37 39 40]

Putative nodes
------------
[ 8 16  5 12 24]

Best matching node from voting array
----------------------------------------
24

Presence of query node in putative nodes
----------------------------------------
Present


Node 24 -> query image 28
-----------------------

94 features detected!

Checking for matches...

node 1 checked!...34 matches found!
node 2 checked!...40 matches found!
node 3 checked!...38 matches found!
node 4 checked!...43 matches found!
node 5 checked!...41 matches found!
node 6 checked!...35 matches found!
node 7 checked!...34 matches found!
node 8 checked!...43 matches found!
node 9 checked!...29 matches found!
node 10 checked!...34 matches found!
node 11 checked!...35 matches found!
node 12 checked!...36 matches found!
node 13 checked!...36 matches found!
node 14 checked!...38 matches found!
node 15 checked!...37 matches found!
node 16 checked!...33 matches found!
node 17 checked!...41 matches found!
node 18 checked!...41 matches found!
node 19 checked!...37 matches found!
node 20 checked!...36 matches found!
node 21 checked!...38 matches found!
```

```
node 22 checked!...34 matches found!
node 23 checked!...40 matches found!
node 24 checked!...44 matches found!
node 25 checked!...39 matches found!
node 26 checked!...36 matches found!
node 27 checked!...40 matches found!
node 28 checked!...40 matches found!
node 29 checked!...36 matches found!
node 30 checked!...40 matches found!

Voting array
--------------
[34 40 38 43 41 35 34 43 29 34 35 36 36 38 37 33 41 41 37 36 38 34 40 44 39
 36 40 40 36 40]

Putative nodes
------------
[ 5 17  8  4 24]

Best matching node from voting array
----------------------------------------
24

Presence of query node in putative nodes
----------------------------------------
Present


Node 24 -> query image 29
------------------------

101 features detected!

Checking for matches...

node 1 checked!...33 matches found!
node 2 checked!...33 matches found!
node 3 checked!...39 matches found!
node 4 checked!...43 matches found!
node 5 checked!...40 matches found!
node 6 checked!...35 matches found!
node 7 checked!...38 matches found!
node 8 checked!...39 matches found!
node 9 checked!...32 matches found!
node 10 checked!...35 matches found!
node 11 checked!...35 matches found!
node 12 checked!...33 matches found!
node 13 checked!...37 matches found!
node 14 checked!...38 matches found!
node 15 checked!...38 matches found!
node 16 checked!...40 matches found!
node 17 checked!...36 matches found!
node 18 checked!...37 matches found!
node 19 checked!...34 matches found!
node 20 checked!...33 matches found!
node 21 checked!...40 matches found!
node 22 checked!...31 matches found!
node 23 checked!...44 matches found!
node 24 checked!...47 matches found!
node 25 checked!...42 matches found!
node 26 checked!...36 matches found!
node 27 checked!...36 matches found!
```

```
node 28 checked!...36 matches found!
node 29 checked!...36 matches found!
node 30 checked!...37 matches found!

Voting array
--------------
[33 33 39 43 40 35 38 39 32 35 35 33 37 38 38 40 36 37 34 33 40 31 44 47 42
 36 36 36 36 37]

Putative nodes
------------
[21 25  4 23 24]

Best matching node from voting array
----------------------------------------
24

Presence of query node in putative nodes
----------------------------------------
Present


Node 24 -> query image 30
-----------------------

101 features detected!

Checking for matches...

node 1 checked!...40 matches found!
node 2 checked!...35 matches found!
node 3 checked!...39 matches found!
node 4 checked!...39 matches found!
node 5 checked!...44 matches found!
node 6 checked!...39 matches found!
node 7 checked!...34 matches found!
node 8 checked!...45 matches found!
node 9 checked!...36 matches found!
node 10 checked!...41 matches found!
node 11 checked!...39 matches found!
node 12 checked!...38 matches found!
node 13 checked!...45 matches found!
node 14 checked!...36 matches found!
node 15 checked!...31 matches found!
node 16 checked!...41 matches found!
node 17 checked!...40 matches found!
node 18 checked!...37 matches found!
node 19 checked!...33 matches found!
node 20 checked!...43 matches found!
node 21 checked!...40 matches found!
node 22 checked!...40 matches found!
node 23 checked!...41 matches found!
node 24 checked!...47 matches found!
node 25 checked!...39 matches found!
node 26 checked!...39 matches found!
node 27 checked!...41 matches found!
node 28 checked!...37 matches found!
node 29 checked!...37 matches found!
node 30 checked!...42 matches found!

Voting array
--------------
```

```
[40 35 39 39 44 39 34 45 36 41 39 38 45 36 31 41 40 37 33 43 40 40 41 47 39
 39 41 37 37 42]
```

Putative nodes

```
[20 24  8  5 13]
```

Best matching node from voting array

24

Presence of query node in putative nodes

Present

Node 24 -> query image 31
----

96 features detected!

Checking for matches...

```
node 1 checked!...39 matches found!
node 2 checked!...34 matches found!
node 3 checked!...38 matches found!
node 4 checked!...41 matches found!
node 5 checked!...40 matches found!
node 6 checked!...35 matches found!
node 7 checked!...36 matches found!
node 8 checked!...40 matches found!
node 9 checked!...35 matches found!
node 10 checked!...35 matches found!
node 11 checked!...35 matches found!
node 12 checked!...37 matches found!
node 13 checked!...41 matches found!
node 14 checked!...39 matches found!
node 15 checked!...34 matches found!
node 16 checked!...39 matches found!
node 17 checked!...36 matches found!
node 18 checked!...37 matches found!
node 19 checked!...34 matches found!
node 20 checked!...39 matches found!
node 21 checked!...41 matches found!
node 22 checked!...37 matches found!
node 23 checked!...39 matches found!
node 24 checked!...45 matches found!
node 25 checked!...38 matches found!
node 26 checked!...37 matches found!
node 27 checked!...39 matches found!
node 28 checked!...34 matches found!
node 29 checked!...36 matches found!
node 30 checked!...40 matches found!
```

Voting array

```
[39 34 38 41 40 35 36 40 35 35 35 37 41 39 34 39 36 37 34 39 41 37 39 45 38
 37 39 34 36 40]
```

Putative nodes

```
[30 13 24  4 21]
```

Best matching node from voting array

24

Presence of query node in putative nodes

Present

Node 24 -> query image 32
----

90 features detected!

Checking for matches...

node 1 checked!...37 matches found!
node 2 checked!...33 matches found!
node 3 checked!...34 matches found!
node 4 checked!...40 matches found!
node 5 checked!...40 matches found!
node 6 checked!...41 matches found!
node 7 checked!...39 matches found!
node 8 checked!...38 matches found!
node 9 checked!...36 matches found!
node 10 checked!...34 matches found!
node 11 checked!...32 matches found!
node 12 checked!...39 matches found!
node 13 checked!...36 matches found!
node 14 checked!...33 matches found!
node 15 checked!...35 matches found!
node 16 checked!...37 matches found!
node 17 checked!...41 matches found!
node 18 checked!...39 matches found!
node 19 checked!...36 matches found!
node 20 checked!...38 matches found!
node 21 checked!...39 matches found!
node 22 checked!...33 matches found!
node 23 checked!...39 matches found!
node 24 checked!...42 matches found!
node 25 checked!...31 matches found!
node 26 checked!...35 matches found!
node 27 checked!...34 matches found!
node 28 checked!...39 matches found!
node 29 checked!...32 matches found!
node 30 checked!...37 matches found!

Voting array

[37 33 34 40 40 41 39 38 36 34 32 39 36 33 35 37 41 39 36 38 39 33 39 42 31
 35 34 39 32 37]

Putative nodes

[4 5 17 6 24]

Best matching node from voting array

24

Presence of query node in putative nodes

```
----------------------------------------
Present


Node 24 -> query image 33
------------------------

97 features detected!

Checking for matches...

node 1 checked!...35 matches found!
node 2 checked!...34 matches found!
node 3 checked!...42 matches found!
node 4 checked!...44 matches found!
node 5 checked!...39 matches found!
node 6 checked!...33 matches found!
node 7 checked!...38 matches found!
node 8 checked!...41 matches found!
node 9 checked!...32 matches found!
node 10 checked!...35 matches found!
node 11 checked!...39 matches found!
node 12 checked!...33 matches found!
node 13 checked!...37 matches found!
node 14 checked!...37 matches found!
node 15 checked!...36 matches found!
node 16 checked!...39 matches found!
node 17 checked!...39 matches found!
node 18 checked!...40 matches found!
node 19 checked!...34 matches found!
node 20 checked!...33 matches found!
node 21 checked!...38 matches found!
node 22 checked!...35 matches found!
node 23 checked!...43 matches found!
node 24 checked!...52 matches found!
node 25 checked!...39 matches found!
node 26 checked!...37 matches found!
node 27 checked!...37 matches found!
node 28 checked!...36 matches found!
node 29 checked!...41 matches found!
node 30 checked!...39 matches found!

Voting array
--------------
[35 34 42 44 39 33 38 41 32 35 39 33 37 37 36 39 39 40 34 33 38 35 43 52 39
 37 37 36 41 39]

Putative nodes
------------
[ 8  4  3 23 24]

Best matching node from voting array
----------------------------------------
24

Presence of query node in putative nodes
----------------------------------------
Present


Node 24 -> query image 34
------------------------
```

16 features detected!

Checking for matches...

node 1 checked!...11 matches found!
node 2 checked!...11 matches found!
node 3 checked!...13 matches found!
node 4 checked!...12 matches found!
node 5 checked!...13 matches found!
node 6 checked!...12 matches found!
node 7 checked!...11 matches found!
node 8 checked!...13 matches found!
node 9 checked!...9 matches found!
node 10 checked!...13 matches found!
node 11 checked!...12 matches found!
node 12 checked!...12 matches found!
node 13 checked!...13 matches found!
node 14 checked!...13 matches found!
node 15 checked!...10 matches found!
node 16 checked!...13 matches found!
node 17 checked!...14 matches found!
node 18 checked!...12 matches found!
node 19 checked!...12 matches found!
node 20 checked!...12 matches found!
node 21 checked!...13 matches found!
node 22 checked!...11 matches found!
node 23 checked!...13 matches found!
node 24 checked!...12 matches found!
node 25 checked!...11 matches found!
node 26 checked!...13 matches found!
node 27 checked!...13 matches found!
node 28 checked!...13 matches found!
node 29 checked!...14 matches found!
node 30 checked!...13 matches found!

Voting array

[11 11 13 12 13 12 11 13 9 13 12 12 13 13 10 13 14 12 12 12 13 11 13 12 11
 13 13 13 14 13]

Putative nodes

[16 30 5 29 17]

Best matching node from voting array

17

Presence of query node in putative nodes

Absent

Node 24 -> query image 35
----

67 features detected!

Checking for matches...

node 1 checked!...35 matches found!

```
node 2 checked!...27 matches found!
node 3 checked!...29 matches found!
node 4 checked!...35 matches found!
node 5 checked!...32 matches found!
node 6 checked!...28 matches found!
node 7 checked!...30 matches found!
node 8 checked!...35 matches found!
node 9 checked!...30 matches found!
node 10 checked!...30 matches found!
node 11 checked!...34 matches found!
node 12 checked!...27 matches found!
node 13 checked!...31 matches found!
node 14 checked!...30 matches found!
node 15 checked!...27 matches found!
node 16 checked!...33 matches found!
node 17 checked!...36 matches found!
node 18 checked!...36 matches found!
node 19 checked!...37 matches found!
node 20 checked!...36 matches found!
node 21 checked!...32 matches found!
node 22 checked!...29 matches found!
node 23 checked!...35 matches found!
node 24 checked!...33 matches found!
node 25 checked!...34 matches found!
node 26 checked!...33 matches found!
node 27 checked!...34 matches found!
node 28 checked!...36 matches found!
node 29 checked!...31 matches found!
node 30 checked!...36 matches found!

Voting array
--------------
[35 27 29 35 32 28 30 35 30 30 34 27 31 30 27 33 36 36 37 36 32 29 35 33 34
 33 34 36 31 36]

Putative nodes
------------
[28 20 19 18 30]

Best matching node from voting array
----------------------------------------
19

Presence of query node in putative nodes
----------------------------------------
Absent


Node 24 -> query image 36
------------------------

0 features detected!

Checking for matches...

node 1 checked!...0 matches found!
node 2 checked!...0 matches found!
node 3 checked!...0 matches found!
node 4 checked!...0 matches found!
node 5 checked!...0 matches found!
node 6 checked!...0 matches found!
node 7 checked!...0 matches found!
```

```
node 8 checked!...0 matches found!
node 9 checked!...0 matches found!
node 10 checked!...0 matches found!
node 11 checked!...0 matches found!
node 12 checked!...0 matches found!
node 13 checked!...0 matches found!
node 14 checked!...0 matches found!
node 15 checked!...0 matches found!
node 16 checked!...0 matches found!
node 17 checked!...0 matches found!
node 18 checked!...0 matches found!
node 19 checked!...0 matches found!
node 20 checked!...0 matches found!
node 21 checked!...0 matches found!
node 22 checked!...0 matches found!
node 23 checked!...0 matches found!
node 24 checked!...0 matches found!
node 25 checked!...0 matches found!
node 26 checked!...0 matches found!
node 27 checked!...0 matches found!
node 28 checked!...0 matches found!
node 29 checked!...0 matches found!
node 30 checked!...0 matches found!

Voting array
--------------
[0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0]

Unable to predict a matching node and putative nodes!

Node 24 -> query image 37
------------------------

1 features detected!

Checking for matches...

node 1 checked!...1 matches found!
node 2 checked!...1 matches found!
node 3 checked!...1 matches found!
node 4 checked!...1 matches found!
node 5 checked!...1 matches found!
node 6 checked!...1 matches found!
node 7 checked!...1 matches found!
node 8 checked!...1 matches found!
node 9 checked!...1 matches found!
node 10 checked!...1 matches found!
node 11 checked!...1 matches found!
node 12 checked!...1 matches found!
node 13 checked!...1 matches found!
node 14 checked!...1 matches found!
node 15 checked!...1 matches found!
node 16 checked!...1 matches found!
node 17 checked!...1 matches found!
node 18 checked!...1 matches found!
node 19 checked!...1 matches found!
node 20 checked!...1 matches found!
node 21 checked!...1 matches found!
node 22 checked!...1 matches found!
node 23 checked!...1 matches found!
node 24 checked!...1 matches found!
node 25 checked!...1 matches found!
```

```
node 26 checked!...1 matches found!
node 27 checked!...1 matches found!
node 28 checked!...1 matches found!
node 29 checked!...1 matches found!
node 30 checked!...1 matches found!

Voting array
--------------
[1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1]

Putative nodes
-------------
[11 14 12 10 30]

Best matching node from voting array
----------------------------------------
1

Presence of query node in putative nodes
----------------------------------------
Absent


Node 24 -> query image 38
------------------------

84 features detected!

Checking for matches...

node 1 checked!...35 matches found!
node 2 checked!...33 matches found!
node 3 checked!...33 matches found!
node 4 checked!...39 matches found!
node 5 checked!...36 matches found!
node 6 checked!...32 matches found!
node 7 checked!...33 matches found!
node 8 checked!...35 matches found!
node 9 checked!...35 matches found!
node 10 checked!...36 matches found!
node 11 checked!...35 matches found!
node 12 checked!...31 matches found!
node 13 checked!...38 matches found!
node 14 checked!...39 matches found!
node 15 checked!...33 matches found!
node 16 checked!...40 matches found!
node 17 checked!...43 matches found!
node 18 checked!...41 matches found!
node 19 checked!...33 matches found!
node 20 checked!...38 matches found!
node 21 checked!...41 matches found!
node 22 checked!...31 matches found!
node 23 checked!...41 matches found!
node 24 checked!...40 matches found!
node 25 checked!...39 matches found!
node 26 checked!...42 matches found!
node 27 checked!...34 matches found!
node 28 checked!...36 matches found!
node 29 checked!...39 matches found!
node 30 checked!...38 matches found!

Voting array
```

```
--------------
[35 33 33 39 36 32 33 35 35 36 35 31 38 39 33 40 43 41 33 38 41 31 41 40 39
 42 34 36 39 38]
```

Putative nodes

```
[18 26 17 23 21]
```

Best matching node from voting array

17

Presence of query node in putative nodes

Absent

Node 24 -> query image 39
----

85 features detected!

Checking for matches...

```
node 1 checked!...36 matches found!
node 2 checked!...33 matches found!
node 3 checked!...36 matches found!
node 4 checked!...36 matches found!
node 5 checked!...35 matches found!
node 6 checked!...34 matches found!
node 7 checked!...43 matches found!
node 8 checked!...39 matches found!
node 9 checked!...37 matches found!
node 10 checked!...39 matches found!
node 11 checked!...32 matches found!
node 12 checked!...34 matches found!
node 13 checked!...36 matches found!
node 14 checked!...35 matches found!
node 15 checked!...35 matches found!
node 16 checked!...41 matches found!
node 17 checked!...31 matches found!
node 18 checked!...36 matches found!
node 19 checked!...33 matches found!
node 20 checked!...36 matches found!
node 21 checked!...39 matches found!
node 22 checked!...34 matches found!
node 23 checked!...42 matches found!
node 24 checked!...39 matches found!
node 25 checked!...34 matches found!
node 26 checked!...32 matches found!
node 27 checked!...35 matches found!
node 28 checked!...38 matches found!
node 29 checked!...35 matches found!
node 30 checked!...36 matches found!
```

Voting array

```
[36 33 36 36 35 34 43 39 37 39 32 34 36 35 35 41 31 36 33 36 39 34 42 39 34
 32 35 38 35 36]
```

Putative nodes

[10 21 16 23 7]

Best matching node from voting array

7

Presence of query node in putative nodes

Absent

Node 24 -> query image 40
----

71 features detected!

Checking for matches...

node 1 checked!...33 matches found!
node 2 checked!...31 matches found!
node 3 checked!...30 matches found!
node 4 checked!...34 matches found!
node 5 checked!...37 matches found!
node 6 checked!...35 matches found!
node 7 checked!...36 matches found!
node 8 checked!...36 matches found!
node 9 checked!...33 matches found!
node 10 checked!...34 matches found!
node 11 checked!...33 matches found!
node 12 checked!...34 matches found!
node 13 checked!...35 matches found!
node 14 checked!...27 matches found!
node 15 checked!...28 matches found!
node 16 checked!...33 matches found!
node 17 checked!...31 matches found!
node 18 checked!...38 matches found!
node 19 checked!...34 matches found!
node 20 checked!...32 matches found!
node 21 checked!...33 matches found!
node 22 checked!...32 matches found!
node 23 checked!...31 matches found!
node 24 checked!...38 matches found!
node 25 checked!...31 matches found!
node 26 checked!...32 matches found!
node 27 checked!...34 matches found!
node 28 checked!...35 matches found!
node 29 checked!...34 matches found!
node 30 checked!...38 matches found!

Voting array

[33 31 30 34 37 35 36 36 33 34 33 34 35 27 28 33 31 38 34 32 33 32 31 38 31
 32 34 35 34 38]

Putative nodes

[8 5 24 18 30]

Best matching node from voting array

18

```
Presence of query node in putative nodes
----------------------------------------
Present


 Node 24 testing completed!


Node 25 -> query image 1
------------------------

0 features detected!

Checking for matches...

node 1 checked!...0 matches found!
node 2 checked!...0 matches found!
node 3 checked!...0 matches found!
node 4 checked!...0 matches found!
node 5 checked!...0 matches found!
node 6 checked!...0 matches found!
node 7 checked!...0 matches found!
node 8 checked!...0 matches found!
node 9 checked!...0 matches found!
node 10 checked!...0 matches found!
node 11 checked!...0 matches found!
node 12 checked!...0 matches found!
node 13 checked!...0 matches found!
node 14 checked!...0 matches found!
node 15 checked!...0 matches found!
node 16 checked!...0 matches found!
node 17 checked!...0 matches found!
node 18 checked!...0 matches found!
node 19 checked!...0 matches found!
node 20 checked!...0 matches found!
node 21 checked!...0 matches found!
node 22 checked!...0 matches found!
node 23 checked!...0 matches found!
node 24 checked!...0 matches found!
node 25 checked!...0 matches found!
node 26 checked!...0 matches found!
node 27 checked!...0 matches found!
node 28 checked!...0 matches found!
node 29 checked!...0 matches found!
node 30 checked!...0 matches found!

Voting array
--------------
[0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0]

Unable to predict a matching node and putative nodes!

Node 25 -> query image 2
------------------------

0 features detected!

Checking for matches...

node 1 checked!...0 matches found!
node 2 checked!...0 matches found!
node 3 checked!...0 matches found!
```

```
node 4 checked!...0 matches found!
node 5 checked!...0 matches found!
node 6 checked!...0 matches found!
node 7 checked!...0 matches found!
node 8 checked!...0 matches found!
node 9 checked!...0 matches found!
node 10 checked!...0 matches found!
node 11 checked!...0 matches found!
node 12 checked!...0 matches found!
node 13 checked!...0 matches found!
node 14 checked!...0 matches found!
node 15 checked!...0 matches found!
node 16 checked!...0 matches found!
node 17 checked!...0 matches found!
node 18 checked!...0 matches found!
node 19 checked!...0 matches found!
node 20 checked!...0 matches found!
node 21 checked!...0 matches found!
node 22 checked!...0 matches found!
node 23 checked!...0 matches found!
node 24 checked!...0 matches found!
node 25 checked!...0 matches found!
node 26 checked!...0 matches found!
node 27 checked!...0 matches found!
node 28 checked!...0 matches found!
node 29 checked!...0 matches found!
node 30 checked!...0 matches found!

Voting array
--------------
[0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0]

Unable to predict a matching node and putative nodes!

Node 25 -> query image 3
------------------------

30 features detected!

Checking for matches...

node 1 checked!...18 matches found!
node 2 checked!...18 matches found!
node 3 checked!...18 matches found!
node 4 checked!...18 matches found!
node 5 checked!...21 matches found!
node 6 checked!...15 matches found!
node 7 checked!...14 matches found!
node 8 checked!...21 matches found!
node 9 checked!...20 matches found!
node 10 checked!...16 matches found!
node 11 checked!...19 matches found!
node 12 checked!...16 matches found!
node 13 checked!...20 matches found!
node 14 checked!...19 matches found!
node 15 checked!...18 matches found!
node 16 checked!...19 matches found!
node 17 checked!...19 matches found!
node 18 checked!...19 matches found!
node 19 checked!...19 matches found!
node 20 checked!...18 matches found!
node 21 checked!...17 matches found!
```

```
node 22 checked!...18 matches found!
node 23 checked!...14 matches found!
node 24 checked!...17 matches found!
node 25 checked!...16 matches found!
node 26 checked!...19 matches found!
node 27 checked!...19 matches found!
node 28 checked!...19 matches found!
node 29 checked!...14 matches found!
node 30 checked!...18 matches found!

Voting array
--------------
[18 18 18 18 21 15 14 21 20 16 19 16 20 19 18 19 19 19 19 18 17 18 14 17 16
 19 19 19 14 18]

Putative nodes
------------
[19 13  9  5  8]

Best matching node from voting array
----------------------------------------
5

Presence of query node in putative nodes
----------------------------------------
Absent


Node 25 -> query image 4
------------------------

0 features detected!

Checking for matches...

node 1 checked!...0 matches found!
node 2 checked!...0 matches found!
node 3 checked!...0 matches found!
node 4 checked!...0 matches found!
node 5 checked!...0 matches found!
node 6 checked!...0 matches found!
node 7 checked!...0 matches found!
node 8 checked!...0 matches found!
node 9 checked!...0 matches found!
node 10 checked!...0 matches found!
node 11 checked!...0 matches found!
node 12 checked!...0 matches found!
node 13 checked!...0 matches found!
node 14 checked!...0 matches found!
node 15 checked!...0 matches found!
node 16 checked!...0 matches found!
node 17 checked!...0 matches found!
node 18 checked!...0 matches found!
node 19 checked!...0 matches found!
node 20 checked!...0 matches found!
node 21 checked!...0 matches found!
node 22 checked!...0 matches found!
node 23 checked!...0 matches found!
node 24 checked!...0 matches found!
node 25 checked!...0 matches found!
node 26 checked!...0 matches found!
node 27 checked!...0 matches found!
```

```
node 28 checked!...0 matches found!
node 29 checked!...0 matches found!
node 30 checked!...0 matches found!

Voting array
--------------
[0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0]

Unable to predict a matching node and putative nodes!

Node 25 -> query image 5
------------------------

0 features detected!

Checking for matches...

node 1 checked!...0 matches found!
node 2 checked!...0 matches found!
node 3 checked!...0 matches found!
node 4 checked!...0 matches found!
node 5 checked!...0 matches found!
node 6 checked!...0 matches found!
node 7 checked!...0 matches found!
node 8 checked!...0 matches found!
node 9 checked!...0 matches found!
node 10 checked!...0 matches found!
node 11 checked!...0 matches found!
node 12 checked!...0 matches found!
node 13 checked!...0 matches found!
node 14 checked!...0 matches found!
node 15 checked!...0 matches found!
node 16 checked!...0 matches found!
node 17 checked!...0 matches found!
node 18 checked!...0 matches found!
node 19 checked!...0 matches found!
node 20 checked!...0 matches found!
node 21 checked!...0 matches found!
node 22 checked!...0 matches found!
node 23 checked!...0 matches found!
node 24 checked!...0 matches found!
node 25 checked!...0 matches found!
node 26 checked!...0 matches found!
node 27 checked!...0 matches found!
node 28 checked!...0 matches found!
node 29 checked!...0 matches found!
node 30 checked!...0 matches found!

Voting array
--------------
[0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0]

Unable to predict a matching node and putative nodes!

Node 25 -> query image 6
------------------------

90 features detected!

Checking for matches...

node 1 checked!...33 matches found!
```

```
node 2 checked!...35 matches found!
node 3 checked!...37 matches found!
node 4 checked!...40 matches found!
node 5 checked!...36 matches found!
node 6 checked!...34 matches found!
node 7 checked!...39 matches found!
node 8 checked!...39 matches found!
node 9 checked!...38 matches found!
node 10 checked!...34 matches found!
node 11 checked!...39 matches found!
node 12 checked!...36 matches found!
node 13 checked!...31 matches found!
node 14 checked!...35 matches found!
node 15 checked!...35 matches found!
node 16 checked!...42 matches found!
node 17 checked!...45 matches found!
node 18 checked!...37 matches found!
node 19 checked!...36 matches found!
node 20 checked!...31 matches found!
node 21 checked!...38 matches found!
node 22 checked!...32 matches found!
node 23 checked!...40 matches found!
node 24 checked!...39 matches found!
node 25 checked!...39 matches found!
node 26 checked!...39 matches found!
node 27 checked!...36 matches found!
node 28 checked!...44 matches found!
node 29 checked!...38 matches found!
node 30 checked!...41 matches found!

Voting array
--------------
[33 35 37 40 36 34 39 39 38 34 39 36 31 35 35 42 45 37 36 31 38 32 40 39 39
 39 36 44 38 41]

Putative nodes
------------
[23 30 17 16 28]

Best matching node from voting array
----------------------------------------
17

Presence of query node in putative nodes
----------------------------------------
Absent


Node 25 -> query image 7
------------------------

82 features detected!

Checking for matches...

node 1 checked!...33 matches found!
node 2 checked!...30 matches found!
node 3 checked!...32 matches found!
node 4 checked!...34 matches found!
node 5 checked!...34 matches found!
node 6 checked!...30 matches found!
node 7 checked!...24 matches found!
```

```
node 8 checked!...35 matches found!
node 9 checked!...26 matches found!
node 10 checked!...30 matches found!
node 11 checked!...34 matches found!
node 12 checked!...30 matches found!
node 13 checked!...33 matches found!
node 14 checked!...27 matches found!
node 15 checked!...30 matches found!
node 16 checked!...35 matches found!
node 17 checked!...37 matches found!
node 18 checked!...31 matches found!
node 19 checked!...32 matches found!
node 20 checked!...30 matches found!
node 21 checked!...39 matches found!
node 22 checked!...27 matches found!
node 23 checked!...36 matches found!
node 24 checked!...31 matches found!
node 25 checked!...28 matches found!
node 26 checked!...31 matches found!
node 27 checked!...30 matches found!
node 28 checked!...34 matches found!
node 29 checked!...26 matches found!
node 30 checked!...33 matches found!


Voting array
--------------
[33 30 32 34 34 30 24 35 26 30 34 30 33 27 30 35 37 31 32 30 39 27 36 31 28
 31 30 34 26 33]

Putative nodes
------------
[16  8 23 21 17]

Best matching node from voting array
----------------------------------------
21

Presence of query node in putative nodes
----------------------------------------
Absent


Node 25 -> query image 8
------------------------

87 features detected!

Checking for matches...

node 1 checked!...31 matches found!
node 2 checked!...26 matches found!
node 3 checked!...34 matches found!
node 4 checked!...32 matches found!
node 5 checked!...34 matches found!
node 6 checked!...29 matches found!
node 7 checked!...31 matches found!
node 8 checked!...34 matches found!
node 9 checked!...28 matches found!
node 10 checked!...34 matches found!
node 11 checked!...38 matches found!
node 12 checked!...28 matches found!
node 13 checked!...34 matches found!
```

```
node 14 checked!...28 matches found!
node 15 checked!...33 matches found!
node 16 checked!...34 matches found!
node 17 checked!...34 matches found!
node 18 checked!...33 matches found!
node 19 checked!...31 matches found!
node 20 checked!...30 matches found!
node 21 checked!...34 matches found!
node 22 checked!...27 matches found!
node 23 checked!...36 matches found!
node 24 checked!...30 matches found!
node 25 checked!...30 matches found!
node 26 checked!...37 matches found!
node 27 checked!...35 matches found!
node 28 checked!...35 matches found!
node 29 checked!...32 matches found!
node 30 checked!...33 matches found!
```

Voting array

[31 26 34 32 34 29 31 34 28 34 38 28 34 28 33 34 34 33 31 30 34 27 36 30 30
 37 35 35 32 33]

Putative nodes

[28 27 23 11 26]

Best matching node from voting array

11

Presence of query node in putative nodes

Absent

Node 25 -> query image 9
----

87 features detected!

Checking for matches...

```
node 1 checked!...32 matches found!
node 2 checked!...33 matches found!
node 3 checked!...37 matches found!
node 4 checked!...39 matches found!
node 5 checked!...36 matches found!
node 6 checked!...36 matches found!
node 7 checked!...35 matches found!
node 8 checked!...36 matches found!
node 9 checked!...33 matches found!
node 10 checked!...34 matches found!
node 11 checked!...34 matches found!
node 12 checked!...30 matches found!
node 13 checked!...36 matches found!
node 14 checked!...31 matches found!
node 15 checked!...30 matches found!
node 16 checked!...33 matches found!
node 17 checked!...37 matches found!
node 18 checked!...32 matches found!
node 19 checked!...30 matches found!
```

```
node 20 checked!...34 matches found!
node 21 checked!...40 matches found!
node 22 checked!...30 matches found!
node 23 checked!...40 matches found!
node 24 checked!...44 matches found!
node 25 checked!...40 matches found!
node 26 checked!...35 matches found!
node 27 checked!...35 matches found!
node 28 checked!...37 matches found!
node 29 checked!...36 matches found!
node 30 checked!...35 matches found!

Voting array
--------------
[32 33 37 39 36 36 35 36 33 34 34 30 36 31 30 33 37 32 30 34 40 30 40 44 40
 35 35 37 36 35]

Putative nodes
------------
[ 4 21 24 23 25]

Best matching node from voting array
----------------------------------------
24

Presence of query node in putative nodes
----------------------------------------
Present


Node 25 -> query image 10
------------------------

28 features detected!

Checking for matches...

node 1 checked!...17 matches found!
node 2 checked!...16 matches found!
node 3 checked!...16 matches found!
node 4 checked!...15 matches found!
node 5 checked!...16 matches found!
node 6 checked!...14 matches found!
node 7 checked!...14 matches found!
node 8 checked!...14 matches found!
node 9 checked!...17 matches found!
node 10 checked!...17 matches found!
node 11 checked!...17 matches found!
node 12 checked!...16 matches found!
node 13 checked!...17 matches found!
node 14 checked!...17 matches found!
node 15 checked!...16 matches found!
node 16 checked!...20 matches found!
node 17 checked!...16 matches found!
node 18 checked!...18 matches found!
node 19 checked!...16 matches found!
node 20 checked!...15 matches found!
node 21 checked!...17 matches found!
node 22 checked!...15 matches found!
node 23 checked!...16 matches found!
node 24 checked!...15 matches found!
node 25 checked!...15 matches found!
```

```
node 26 checked!...14 matches found!
node 27 checked!...17 matches found!
node 28 checked!...16 matches found!
node 29 checked!...17 matches found!
node 30 checked!...18 matches found!

Voting array
--------------
[17 16 16 15 16 14 14 14 17 17 17 16 17 17 16 20 16 18 16 15 17 15 16 15 15
 14 17 16 17 18]

Putative nodes
------------
[21 18 14 16 30]

Best matching node from voting array
----------------------------------------
16

Presence of query node in putative nodes
----------------------------------------
Absent


Node 25 -> query image 11
------------------------

62 features detected!

Checking for matches...

node 1 checked!...25 matches found!
node 2 checked!...31 matches found!
node 3 checked!...25 matches found!
node 4 checked!...34 matches found!
node 5 checked!...31 matches found!
node 6 checked!...30 matches found!
node 7 checked!...30 matches found!
node 8 checked!...31 matches found!
node 9 checked!...25 matches found!
node 10 checked!...28 matches found!
node 11 checked!...32 matches found!
node 12 checked!...26 matches found!
node 13 checked!...28 matches found!
node 14 checked!...31 matches found!
node 15 checked!...26 matches found!
node 16 checked!...35 matches found!
node 17 checked!...33 matches found!
node 18 checked!...33 matches found!
node 19 checked!...30 matches found!
node 20 checked!...30 matches found!
node 21 checked!...29 matches found!
node 22 checked!...28 matches found!
node 23 checked!...35 matches found!
node 24 checked!...26 matches found!
node 25 checked!...28 matches found!
node 26 checked!...30 matches found!
node 27 checked!...34 matches found!
node 28 checked!...27 matches found!
node 29 checked!...28 matches found!
node 30 checked!...29 matches found!
```

Voting array

[25 31 25 34 31 30 30 31 25 28 32 26 28 31 26 35 33 33 30 30 29 28 35 26 28
 30 34 27 28 29]

Putative nodes

[17 4 27 16 23]

Best matching node from voting array

16

Presence of query node in putative nodes

Absent

Node 25 -> query image 12
----

74 features detected!

Checking for matches...

node 1 checked!...27 matches found!
node 2 checked!...24 matches found!
node 3 checked!...24 matches found!
node 4 checked!...29 matches found!
node 5 checked!...35 matches found!
node 6 checked!...22 matches found!
node 7 checked!...24 matches found!
node 8 checked!...27 matches found!
node 9 checked!...23 matches found!
node 10 checked!...25 matches found!
node 11 checked!...32 matches found!
node 12 checked!...24 matches found!
node 13 checked!...26 matches found!
node 14 checked!...26 matches found!
node 15 checked!...26 matches found!
node 16 checked!...31 matches found!
node 17 checked!...31 matches found!
node 18 checked!...29 matches found!
node 19 checked!...29 matches found!
node 20 checked!...24 matches found!
node 21 checked!...34 matches found!
node 22 checked!...25 matches found!
node 23 checked!...27 matches found!
node 24 checked!...31 matches found!
node 25 checked!...24 matches found!
node 26 checked!...33 matches found!
node 27 checked!...31 matches found!
node 28 checked!...30 matches found!
node 29 checked!...25 matches found!
node 30 checked!...30 matches found!

Voting array

[27 24 24 29 35 22 24 27 23 25 32 24 26 26 26 31 31 29 29 24 34 25 27 31 24
 33 31 30 25 30]

Putative nodes

[24 11 21 5 26]

Best matching node from voting array

5

Presence of query node in putative nodes

Absent

Node 25 -> query image 13
----

92 features detected!

Checking for matches...

node 1 checked!...30 matches found!
node 2 checked!...35 matches found!
node 3 checked!...35 matches found!
node 4 checked!...41 matches found!
node 5 checked!...37 matches found!
node 6 checked!...32 matches found!
node 7 checked!...34 matches found!
node 8 checked!...31 matches found!
node 9 checked!...33 matches found!
node 10 checked!...37 matches found!
node 11 checked!...36 matches found!
node 12 checked!...32 matches found!
node 13 checked!...39 matches found!
node 14 checked!...33 matches found!
node 15 checked!...29 matches found!
node 16 checked!...33 matches found!
node 17 checked!...40 matches found!
node 18 checked!...34 matches found!
node 19 checked!...30 matches found!
node 20 checked!...32 matches found!
node 21 checked!...35 matches found!
node 22 checked!...29 matches found!
node 23 checked!...38 matches found!
node 24 checked!...35 matches found!
node 25 checked!...35 matches found!
node 26 checked!...43 matches found!
node 27 checked!...35 matches found!
node 28 checked!...35 matches found!
node 29 checked!...31 matches found!
node 30 checked!...32 matches found!

Voting array

[30 35 35 41 37 32 34 31 33 37 36 32 39 33 29 33 40 34 30 32 35 29 38 35 35
 43 35 35 31 32]

Putative nodes

[23 13 17 26 4]

Best matching node from voting array

26

Presence of query node in putative nodes

Absent

Node 25 -> query image 14
----

27 features detected!

Checking for matches...

node 1 checked!...17 matches found!
node 2 checked!...18 matches found!
node 3 checked!...19 matches found!
node 4 checked!...18 matches found!
node 5 checked!...16 matches found!
node 6 checked!...14 matches found!
node 7 checked!...19 matches found!
node 8 checked!...19 matches found!
node 9 checked!...19 matches found!
node 10 checked!...20 matches found!
node 11 checked!...19 matches found!
node 12 checked!...19 matches found!
node 13 checked!...20 matches found!
node 14 checked!...18 matches found!
node 15 checked!...16 matches found!
node 16 checked!...18 matches found!
node 17 checked!...19 matches found!
node 18 checked!...21 matches found!
node 19 checked!...17 matches found!
node 20 checked!...18 matches found!
node 21 checked!...19 matches found!
node 22 checked!...17 matches found!
node 23 checked!...17 matches found!
node 24 checked!...18 matches found!
node 25 checked!...17 matches found!
node 26 checked!...18 matches found!
node 27 checked!...19 matches found!
node 28 checked!...19 matches found!
node 29 checked!...16 matches found!
node 30 checked!...17 matches found!

Voting array

[17 18 19 18 16 14 19 19 19 20 19 19 20 18 16 18 19 21 17 18 19 17 17 18 17
 18 19 19 16 17]

Putative nodes

[8 13 21 18 10]

Best matching node from voting array

18

Presence of query node in putative nodes

Absent

Node 25 -> query image 15
----

39 features detected!

Checking for matches...

node 1 checked!...21 matches found!
node 2 checked!...20 matches found!
node 3 checked!...22 matches found!
node 4 checked!...19 matches found!
node 5 checked!...21 matches found!
node 6 checked!...17 matches found!
node 7 checked!...17 matches found!
node 8 checked!...19 matches found!
node 9 checked!...19 matches found!
node 10 checked!...20 matches found!
node 11 checked!...20 matches found!
node 12 checked!...16 matches found!
node 13 checked!...20 matches found!
node 14 checked!...19 matches found!
node 15 checked!...18 matches found!
node 16 checked!...20 matches found!
node 17 checked!...20 matches found!
node 18 checked!...19 matches found!
node 19 checked!...19 matches found!
node 20 checked!...16 matches found!
node 21 checked!...19 matches found!
node 22 checked!...18 matches found!
node 23 checked!...17 matches found!
node 24 checked!...19 matches found!
node 25 checked!...18 matches found!
node 26 checked!...21 matches found!
node 27 checked!...18 matches found!
node 28 checked!...21 matches found!
node 29 checked!...17 matches found!
node 30 checked!...20 matches found!

Voting array

[21 20 22 19 21 17 17 19 19 20 20 16 20 19 18 20 20 19 19 16 19 18 17 19 18
 21 18 21 17 20]

Putative nodes

[28 5 26 3 1]

Best matching node from voting array

3

Presence of query node in putative nodes

Absent

Node 25 -> query image 16
----

92 features detected!

Checking for matches...

```
node 1 checked!...37 matches found!
node 2 checked!...38 matches found!
node 3 checked!...37 matches found!
node 4 checked!...43 matches found!
node 5 checked!...40 matches found!
node 6 checked!...34 matches found!
node 7 checked!...40 matches found!
node 8 checked!...39 matches found!
node 9 checked!...38 matches found!
node 10 checked!...35 matches found!
node 11 checked!...31 matches found!
node 12 checked!...36 matches found!
node 13 checked!...37 matches found!
node 14 checked!...33 matches found!
node 15 checked!...39 matches found!
node 16 checked!...47 matches found!
node 17 checked!...42 matches found!
node 18 checked!...36 matches found!
node 19 checked!...34 matches found!
node 20 checked!...33 matches found!
node 21 checked!...42 matches found!
node 22 checked!...33 matches found!
node 23 checked!...42 matches found!
node 24 checked!...40 matches found!
node 25 checked!...44 matches found!
node 26 checked!...38 matches found!
node 27 checked!...40 matches found!
node 28 checked!...44 matches found!
node 29 checked!...40 matches found!
node 30 checked!...39 matches found!
```

Voting array

[37 38 37 43 40 34 40 39 38 35 31 36 37 33 39 47 42 36 34 33 42 33 42 40 44
 38 40 44 40 39]

Putative nodes

[21 4 25 28 16]

Best matching node from voting array

16

Presence of query node in putative nodes

Present

Node 25 -> query image 17
----

88 features detected!

Checking for matches...

```
node 1 checked!...25 matches found!
node 2 checked!...22 matches found!
node 3 checked!...27 matches found!
node 4 checked!...30 matches found!
node 5 checked!...35 matches found!
```

```
node 6 checked!...24 matches found!
node 7 checked!...25 matches found!
node 8 checked!...30 matches found!
node 9 checked!...22 matches found!
node 10 checked!...28 matches found!
node 11 checked!...31 matches found!
node 12 checked!...24 matches found!
node 13 checked!...25 matches found!
node 14 checked!...26 matches found!
node 15 checked!...28 matches found!
node 16 checked!...29 matches found!
node 17 checked!...32 matches found!
node 18 checked!...27 matches found!
node 19 checked!...28 matches found!
node 20 checked!...24 matches found!
node 21 checked!...32 matches found!
node 22 checked!...26 matches found!
node 23 checked!...31 matches found!
node 24 checked!...28 matches found!
node 25 checked!...25 matches found!
node 26 checked!...31 matches found!
node 27 checked!...30 matches found!
node 28 checked!...32 matches found!
node 29 checked!...25 matches found!
node 30 checked!...26 matches found!

Voting array
--------------
[25 22 27 30 35 24 25 30 22 28 31 24 25 26 28 29 32 27 28 24 32 26 31 28 25
 31 30 32 25 26]

Putative nodes
------------
[23 17 28 21  5]

Best matching node from voting array
----------------------------------------
5

Presence of query node in putative nodes
----------------------------------------
Absent


Node 25 -> query image 18
-----------------------

96 features detected!

Checking for matches...

node 1 checked!...32 matches found!
node 2 checked!...35 matches found!
node 3 checked!...35 matches found!
node 4 checked!...43 matches found!
node 5 checked!...38 matches found!
node 6 checked!...30 matches found!
node 7 checked!...37 matches found!
node 8 checked!...37 matches found!
node 9 checked!...35 matches found!
node 10 checked!...35 matches found!
node 11 checked!...39 matches found!
```

```
node 12 checked!...36 matches found!
node 13 checked!...37 matches found!
node 14 checked!...39 matches found!
node 15 checked!...35 matches found!
node 16 checked!...35 matches found!
node 17 checked!...45 matches found!
node 18 checked!...37 matches found!
node 19 checked!...35 matches found!
node 20 checked!...32 matches found!
node 21 checked!...35 matches found!
node 22 checked!...29 matches found!
node 23 checked!...43 matches found!
node 24 checked!...37 matches found!
node 25 checked!...41 matches found!
node 26 checked!...35 matches found!
node 27 checked!...40 matches found!
node 28 checked!...36 matches found!
node 29 checked!...34 matches found!
node 30 checked!...36 matches found!


Voting array
--------------
[32 35 35 43 38 30 37 37 35 35 39 36 37 39 35 35 45 37 35 32 35 29 43 37 41
 35 40 36 34 36]

Putative nodes
------------
[27 25 23 17  4]

Best matching node from voting array
----------------------------------------
17

Presence of query node in putative nodes
----------------------------------------
Present


Node 25 -> query image 19
------------------------

86 features detected!

Checking for matches...

node 1 checked!...33 matches found!
node 2 checked!...34 matches found!
node 3 checked!...35 matches found!
node 4 checked!...40 matches found!
node 5 checked!...40 matches found!
node 6 checked!...35 matches found!
node 7 checked!...34 matches found!
node 8 checked!...39 matches found!
node 9 checked!...32 matches found!
node 10 checked!...36 matches found!
node 11 checked!...34 matches found!
node 12 checked!...35 matches found!
node 13 checked!...43 matches found!
node 14 checked!...33 matches found!
node 15 checked!...33 matches found!
node 16 checked!...38 matches found!
node 17 checked!...40 matches found!
```

```
node 18 checked!...36 matches found!
node 19 checked!...35 matches found!
node 20 checked!...32 matches found!
node 21 checked!...35 matches found!
node 22 checked!...34 matches found!
node 23 checked!...41 matches found!
node 24 checked!...43 matches found!
node 25 checked!...42 matches found!
node 26 checked!...38 matches found!
node 27 checked!...40 matches found!
node 28 checked!...41 matches found!
node 29 checked!...37 matches found!
node 30 checked!...35 matches found!
```

Voting array

[33 34 35 40 40 35 34 39 32 36 34 35 43 33 33 38 40 36 35 32 35 34 41 43 42
 38 40 41 37 35]

Putative nodes

[28 23 25 24 13]

Best matching node from voting array

13

Presence of query node in putative nodes

Present

Node 25 -> query image 20
----

26 features detected!

Checking for matches...

```
node 1 checked!...17 matches found!
node 2 checked!...18 matches found!
node 3 checked!...17 matches found!
node 4 checked!...18 matches found!
node 5 checked!...17 matches found!
node 6 checked!...16 matches found!
node 7 checked!...14 matches found!
node 8 checked!...17 matches found!
node 9 checked!...15 matches found!
node 10 checked!...18 matches found!
node 11 checked!...18 matches found!
node 12 checked!...16 matches found!
node 13 checked!...18 matches found!
node 14 checked!...16 matches found!
node 15 checked!...15 matches found!
node 16 checked!...18 matches found!
node 17 checked!...18 matches found!
node 18 checked!...16 matches found!
node 19 checked!...16 matches found!
node 20 checked!...15 matches found!
node 21 checked!...20 matches found!
node 22 checked!...18 matches found!
node 23 checked!...19 matches found!
```

```
node 24 checked!...20 matches found!
node 25 checked!...16 matches found!
node 26 checked!...17 matches found!
node 27 checked!...16 matches found!
node 28 checked!...17 matches found!
node 29 checked!...17 matches found!
node 30 checked!...18 matches found!

Voting array
--------------
[17 18 17 18 17 16 14 17 15 18 18 16 18 16 15 18 18 16 16 15 20 18 19 20 16
 17 16 17 17 18]

Putative nodes
------------
[ 2 22 23 21 24]

Best matching node from voting array
----------------------------------------
21

Presence of query node in putative nodes
----------------------------------------
Absent


Node 25 -> query image 21
------------------------

92 features detected!

Checking for matches...

node 1 checked!...37 matches found!
node 2 checked!...30 matches found!
node 3 checked!...35 matches found!
node 4 checked!...39 matches found!
node 5 checked!...36 matches found!
node 6 checked!...30 matches found!
node 7 checked!...36 matches found!
node 8 checked!...35 matches found!
node 9 checked!...31 matches found!
node 10 checked!...33 matches found!
node 11 checked!...34 matches found!
node 12 checked!...31 matches found!
node 13 checked!...33 matches found!
node 14 checked!...31 matches found!
node 15 checked!...33 matches found!
node 16 checked!...41 matches found!
node 17 checked!...40 matches found!
node 18 checked!...31 matches found!
node 19 checked!...34 matches found!
node 20 checked!...32 matches found!
node 21 checked!...40 matches found!
node 22 checked!...33 matches found!
node 23 checked!...37 matches found!
node 24 checked!...43 matches found!
node 25 checked!...43 matches found!
node 26 checked!...36 matches found!
node 27 checked!...41 matches found!
node 28 checked!...43 matches found!
node 29 checked!...37 matches found!
```

node 30 checked!...43 matches found!

Voting array

[37 30 35 39 36 30 36 35 31 33 34 31 33 31 33 41 40 31 34 32 40 33 37 43 43
 36 41 43 37 43]

Putative nodes

[16 25 28 24 30]

Best matching node from voting array

24

Presence of query node in putative nodes

Present

Node 25 -> query image 22
----

92 features detected!

Checking for matches...

node 1 checked!...32 matches found!
node 2 checked!...27 matches found!
node 3 checked!...30 matches found!
node 4 checked!...36 matches found!
node 5 checked!...34 matches found!
node 6 checked!...30 matches found!
node 7 checked!...28 matches found!
node 8 checked!...33 matches found!
node 9 checked!...29 matches found!
node 10 checked!...31 matches found!
node 11 checked!...34 matches found!
node 12 checked!...30 matches found!
node 13 checked!...31 matches found!
node 14 checked!...34 matches found!
node 15 checked!...33 matches found!
node 16 checked!...31 matches found!
node 17 checked!...35 matches found!
node 18 checked!...30 matches found!
node 19 checked!...31 matches found!
node 20 checked!...31 matches found!
node 21 checked!...32 matches found!
node 22 checked!...30 matches found!
node 23 checked!...38 matches found!
node 24 checked!...35 matches found!
node 25 checked!...31 matches found!
node 26 checked!...37 matches found!
node 27 checked!...39 matches found!
node 28 checked!...34 matches found!
node 29 checked!...29 matches found!
node 30 checked!...31 matches found!

Voting array

[32 27 30 36 34 30 28 33 29 31 34 30 31 34 33 31 35 30 31 31 32 30 38 35 31
 37 39 34 29 31]

Putative nodes

[24 4 26 27 23]

Best matching node from voting array

27

Presence of query node in putative nodes

Absent

Node 25 -> query image 23
----

99 features detected!

Checking for matches...

node 1 checked!...32 matches found!
node 2 checked!...34 matches found!
node 3 checked!...36 matches found!
node 4 checked!...42 matches found!
node 5 checked!...42 matches found!
node 6 checked!...32 matches found!
node 7 checked!...41 matches found!
node 8 checked!...41 matches found!
node 9 checked!...37 matches found!
node 10 checked!...38 matches found!
node 11 checked!...36 matches found!
node 12 checked!...36 matches found!
node 13 checked!...36 matches found!
node 14 checked!...33 matches found!
node 15 checked!...36 matches found!
node 16 checked!...38 matches found!
node 17 checked!...41 matches found!
node 18 checked!...34 matches found!
node 19 checked!...36 matches found!
node 20 checked!...30 matches found!
node 21 checked!...37 matches found!
node 22 checked!...34 matches found!
node 23 checked!...41 matches found!
node 24 checked!...39 matches found!
node 25 checked!...44 matches found!
node 26 checked!...41 matches found!
node 27 checked!...40 matches found!
node 28 checked!...42 matches found!
node 29 checked!...33 matches found!
node 30 checked!...38 matches found!

Voting array

[32 34 36 42 42 32 41 41 37 38 36 36 36 33 36 38 41 34 36 30 37 34 41 39 44
 41 40 42 33 38]

Putative nodes

[26 5 28 4 25]

Best matching node from voting array

```
----------------------------------------
25

Presence of query node in putative nodes
----------------------------------------
Present


Node 25 -> query image 24
-------------------------

99 features detected!

Checking for matches...

node 1 checked!...35 matches found!
node 2 checked!...37 matches found!
node 3 checked!...36 matches found!
node 4 checked!...42 matches found!
node 5 checked!...39 matches found!
node 6 checked!...39 matches found!
node 7 checked!...37 matches found!
node 8 checked!...39 matches found!
node 9 checked!...39 matches found!
node 10 checked!...34 matches found!
node 11 checked!...38 matches found!
node 12 checked!...29 matches found!
node 13 checked!...39 matches found!
node 14 checked!...37 matches found!
node 15 checked!...35 matches found!
node 16 checked!...39 matches found!
node 17 checked!...39 matches found!
node 18 checked!...36 matches found!
node 19 checked!...33 matches found!
node 20 checked!...37 matches found!
node 21 checked!...40 matches found!
node 22 checked!...34 matches found!
node 23 checked!...42 matches found!
node 24 checked!...42 matches found!
node 25 checked!...45 matches found!
node 26 checked!...39 matches found!
node 27 checked!...37 matches found!
node 28 checked!...43 matches found!
node 29 checked!...41 matches found!
node 30 checked!...39 matches found!

Voting array
--------------
[35 37 36 42 39 39 37 39 39 34 38 29 39 37 35 39 39 36 33 37 40 34 42 42 45
 39 37 43 41 39]

Putative nodes
------------
[ 4 24 28 23 25]

Best matching node from voting array
----------------------------------------
25

Presence of query node in putative nodes
----------------------------------------
Present
```

Node 25 -> query image 25
----

91 features detected!

Checking for matches...

node 1 checked!...35 matches found!
node 2 checked!...31 matches found!
node 3 checked!...35 matches found!
node 4 checked!...41 matches found!
node 5 checked!...39 matches found!
node 6 checked!...28 matches found!
node 7 checked!...33 matches found!
node 8 checked!...35 matches found!
node 9 checked!...34 matches found!
node 10 checked!...29 matches found!
node 11 checked!...32 matches found!
node 12 checked!...31 matches found!
node 13 checked!...35 matches found!
node 14 checked!...31 matches found!
node 15 checked!...35 matches found!
node 16 checked!...37 matches found!
node 17 checked!...38 matches found!
node 18 checked!...32 matches found!
node 19 checked!...36 matches found!
node 20 checked!...32 matches found!
node 21 checked!...40 matches found!
node 22 checked!...31 matches found!
node 23 checked!...33 matches found!
node 24 checked!...41 matches found!
node 25 checked!...42 matches found!
node 26 checked!...36 matches found!
node 27 checked!...39 matches found!
node 28 checked!...41 matches found!
node 29 checked!...40 matches found!
node 30 checked!...41 matches found!

Voting array

[35 31 35 41 39 28 33 35 34 29 32 31 35 31 35 37 38 32 36 32 40 31 33 41 42
 36 39 41 40 41]

Putative nodes

[28 4 25 24 30]

Best matching node from voting array

25

Presence of query node in putative nodes

Present

Node 25 -> query image 26
----

76 features detected!

Checking for matches...

node 1 checked!...31 matches found!
node 2 checked!...26 matches found!
node 3 checked!...30 matches found!
node 4 checked!...32 matches found!
node 5 checked!...34 matches found!
node 6 checked!...27 matches found!
node 7 checked!...24 matches found!
node 8 checked!...32 matches found!
node 9 checked!...26 matches found!
node 10 checked!...30 matches found!
node 11 checked!...33 matches found!
node 12 checked!...24 matches found!
node 13 checked!...31 matches found!
node 14 checked!...31 matches found!
node 15 checked!...30 matches found!
node 16 checked!...32 matches found!
node 17 checked!...29 matches found!
node 18 checked!...31 matches found!
node 19 checked!...31 matches found!
node 20 checked!...28 matches found!
node 21 checked!...38 matches found!
node 22 checked!...27 matches found!
node 23 checked!...34 matches found!
node 24 checked!...35 matches found!
node 25 checked!...26 matches found!
node 26 checked!...33 matches found!
node 27 checked!...32 matches found!
node 28 checked!...31 matches found!
node 29 checked!...27 matches found!
node 30 checked!...30 matches found!

Voting array

[31 26 30 32 34 27 24 32 26 30 33 24 31 31 30 32 29 31 31 28 38 27 34 35 26
 33 32 31 27 30]

Putative nodes

[11 23 5 24 21]

Best matching node from voting array

21

Presence of query node in putative nodes

Absent

Node 25 -> query image 27
----

90 features detected!

Checking for matches...

node 1 checked!...36 matches found!
node 2 checked!...37 matches found!
node 3 checked!...38 matches found!

```
node 4 checked!...42 matches found!
node 5 checked!...37 matches found!
node 6 checked!...30 matches found!
node 7 checked!...39 matches found!
node 8 checked!...38 matches found!
node 9 checked!...31 matches found!
node 10 checked!...34 matches found!
node 11 checked!...36 matches found!
node 12 checked!...31 matches found!
node 13 checked!...37 matches found!
node 14 checked!...38 matches found!
node 15 checked!...35 matches found!
node 16 checked!...36 matches found!
node 17 checked!...37 matches found!
node 18 checked!...34 matches found!
node 19 checked!...33 matches found!
node 20 checked!...32 matches found!
node 21 checked!...35 matches found!
node 22 checked!...34 matches found!
node 23 checked!...42 matches found!
node 24 checked!...38 matches found!
node 25 checked!...41 matches found!
node 26 checked!...35 matches found!
node 27 checked!...37 matches found!
node 28 checked!...36 matches found!
node 29 checked!...38 matches found!
node 30 checked!...38 matches found!

Voting array
--------------
[36 37 38 42 37 30 39 38 31 34 36 31 37 38 35 36 37 34 33 32 35 34 42 38 41
 35 37 36 38 38]

Putative nodes
------------
[14  7 25  4 23]

Best matching node from voting array
----------------------------------------
4

Presence of query node in putative nodes
----------------------------------------
Present


Node 25 -> query image 28
------------------------

98 features detected!

Checking for matches...

node 1 checked!...39 matches found!
node 2 checked!...36 matches found!
node 3 checked!...36 matches found!
node 4 checked!...38 matches found!
node 5 checked!...40 matches found!
node 6 checked!...35 matches found!
node 7 checked!...39 matches found!
node 8 checked!...39 matches found!
node 9 checked!...35 matches found!
```

```
node 10 checked!...36 matches found!
node 11 checked!...32 matches found!
node 12 checked!...36 matches found!
node 13 checked!...36 matches found!
node 14 checked!...40 matches found!
node 15 checked!...35 matches found!
node 16 checked!...42 matches found!
node 17 checked!...39 matches found!
node 18 checked!...38 matches found!
node 19 checked!...36 matches found!
node 20 checked!...35 matches found!
node 21 checked!...37 matches found!
node 22 checked!...33 matches found!
node 23 checked!...45 matches found!
node 24 checked!...42 matches found!
node 25 checked!...46 matches found!
node 26 checked!...39 matches found!
node 27 checked!...35 matches found!
node 28 checked!...42 matches found!
node 29 checked!...37 matches found!
node 30 checked!...41 matches found!
```

Voting array

[39 36 36 38 40 35 39 39 35 36 32 36 36 40 35 42 39 38 36 35 37 33 45 42 46
 39 35 42 37 41]

Putative nodes

[28 16 24 23 25]

Best matching node from voting array

25

Presence of query node in putative nodes

Present

Node 25 -> query image 29
----

95 features detected!

Checking for matches...

```
node 1 checked!...39 matches found!
node 2 checked!...30 matches found!
node 3 checked!...36 matches found!
node 4 checked!...38 matches found!
node 5 checked!...36 matches found!
node 6 checked!...31 matches found!
node 7 checked!...36 matches found!
node 8 checked!...37 matches found!
node 9 checked!...37 matches found!
node 10 checked!...33 matches found!
node 11 checked!...34 matches found!
node 12 checked!...33 matches found!
node 13 checked!...40 matches found!
node 14 checked!...31 matches found!
node 15 checked!...36 matches found!
```

```
node 16 checked!...39 matches found!
node 17 checked!...41 matches found!
node 18 checked!...35 matches found!
node 19 checked!...38 matches found!
node 20 checked!...34 matches found!
node 21 checked!...43 matches found!
node 22 checked!...32 matches found!
node 23 checked!...39 matches found!
node 24 checked!...44 matches found!
node 25 checked!...41 matches found!
node 26 checked!...38 matches found!
node 27 checked!...40 matches found!
node 28 checked!...40 matches found!
node 29 checked!...40 matches found!
node 30 checked!...37 matches found!

Voting array
--------------
[39 30 36 38 36 31 36 37 37 33 34 33 40 31 36 39 41 35 38 34 43 32 39 44 41
 38 40 40 40 37]

Putative nodes
------------
[28 17 24 25 21]

Best matching node from voting array
----------------------------------------
24

Presence of query node in putative nodes
----------------------------------------
Present


Node 25 -> query image 30
------------------------

90 features detected!

Checking for matches...

node 1 checked!...31 matches found!
node 2 checked!...27 matches found!
node 3 checked!...33 matches found!
node 4 checked!...38 matches found!
node 5 checked!...38 matches found!
node 6 checked!...34 matches found!
node 7 checked!...32 matches found!
node 8 checked!...32 matches found!
node 9 checked!...31 matches found!
node 10 checked!...33 matches found!
node 11 checked!...36 matches found!
node 12 checked!...30 matches found!
node 13 checked!...34 matches found!
node 14 checked!...35 matches found!
node 15 checked!...33 matches found!
node 16 checked!...35 matches found!
node 17 checked!...42 matches found!
node 18 checked!...36 matches found!
node 19 checked!...33 matches found!
node 20 checked!...32 matches found!
node 21 checked!...33 matches found!
```

```
node 22 checked!...30 matches found!
node 23 checked!...41 matches found!
node 24 checked!...38 matches found!
node 25 checked!...38 matches found!
node 26 checked!...38 matches found!
node 27 checked!...37 matches found!
node 28 checked!...38 matches found!
node 29 checked!...31 matches found!
node 30 checked!...35 matches found!

Voting array
--------------
[31 27 33 38 38 34 32 32 31 33 36 30 34 35 33 35 42 36 33 32 33 30 41 38 38
 38 37 38 31 35]

Putative nodes
------------
[ 4  5 25 17 23]

Best matching node from voting array
----------------------------------------
17

Presence of query node in putative nodes
----------------------------------------
Present


Node 25 -> query image 31
------------------------

100 features detected!

Checking for matches...

node 1 checked!...32 matches found!
node 2 checked!...34 matches found!
node 3 checked!...33 matches found!
node 4 checked!...37 matches found!
node 5 checked!...41 matches found!
node 6 checked!...30 matches found!
node 7 checked!...39 matches found!
node 8 checked!...37 matches found!
node 9 checked!...35 matches found!
node 10 checked!...37 matches found!
node 11 checked!...34 matches found!
node 12 checked!...37 matches found!
node 13 checked!...38 matches found!
node 14 checked!...35 matches found!
node 15 checked!...37 matches found!
node 16 checked!...35 matches found!
node 17 checked!...40 matches found!
node 18 checked!...37 matches found!
node 19 checked!...34 matches found!
node 20 checked!...31 matches found!
node 21 checked!...37 matches found!
node 22 checked!...34 matches found!
node 23 checked!...44 matches found!
node 24 checked!...37 matches found!
node 25 checked!...43 matches found!
node 26 checked!...38 matches found!
node 27 checked!...37 matches found!
```

```
node 28 checked!...38 matches found!
node 29 checked!...36 matches found!
node 30 checked!...36 matches found!

Voting array
--------------
[32 34 33 37 41 30 39 37 35 37 34 37 38 35 37 35 40 37 34 31 37 34 44 37 43
 38 37 38 36 36]

Putative nodes
------------
[ 7 17  5 23 25]

Best matching node from voting array
----------------------------------------
23

Presence of query node in putative nodes
----------------------------------------
Present


Node 25 -> query image 32
-----------------------

100 features detected!

Checking for matches...

node 1 checked!...39 matches found!
node 2 checked!...37 matches found!
node 3 checked!...34 matches found!
node 4 checked!...38 matches found!
node 5 checked!...38 matches found!
node 6 checked!...34 matches found!
node 7 checked!...39 matches found!
node 8 checked!...39 matches found!
node 9 checked!...35 matches found!
node 10 checked!...37 matches found!
node 11 checked!...33 matches found!
node 12 checked!...38 matches found!
node 13 checked!...36 matches found!
node 14 checked!...39 matches found!
node 15 checked!...35 matches found!
node 16 checked!...42 matches found!
node 17 checked!...39 matches found!
node 18 checked!...38 matches found!
node 19 checked!...36 matches found!
node 20 checked!...35 matches found!
node 21 checked!...38 matches found!
node 22 checked!...33 matches found!
node 23 checked!...46 matches found!
node 24 checked!...43 matches found!
node 25 checked!...47 matches found!
node 26 checked!...38 matches found!
node 27 checked!...36 matches found!
node 28 checked!...43 matches found!
node 29 checked!...37 matches found!
node 30 checked!...42 matches found!

Voting array
--------------
```

```
[39 37 34 38 38 34 39 39 35 37 33 38 36 39 35 42 39 38 36 35 38 33 46 43 47
 38 36 43 37 42]

Putative nodes
------------
[16 28 24 23 25]

Best matching node from voting array
--------------------------------------
25

Presence of query node in putative nodes
--------------------------------------
Present


Node 25 -> query image 33
------------------------

0 features detected!

Checking for matches...

node 1 checked!...0 matches found!
node 2 checked!...0 matches found!
node 3 checked!...0 matches found!
node 4 checked!...0 matches found!
node 5 checked!...0 matches found!
node 6 checked!...0 matches found!
node 7 checked!...0 matches found!
node 8 checked!...0 matches found!
node 9 checked!...0 matches found!
node 10 checked!...0 matches found!
node 11 checked!...0 matches found!
node 12 checked!...0 matches found!
node 13 checked!...0 matches found!
node 14 checked!...0 matches found!
node 15 checked!...0 matches found!
node 16 checked!...0 matches found!
node 17 checked!...0 matches found!
node 18 checked!...0 matches found!
node 19 checked!...0 matches found!
node 20 checked!...0 matches found!
node 21 checked!...0 matches found!
node 22 checked!...0 matches found!
node 23 checked!...0 matches found!
node 24 checked!...0 matches found!
node 25 checked!...0 matches found!
node 26 checked!...0 matches found!
node 27 checked!...0 matches found!
node 28 checked!...0 matches found!
node 29 checked!...0 matches found!
node 30 checked!...0 matches found!

Voting array
--------------
[0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0]

Unable to predict a matching node and putative nodes!

Node 25 -> query image 34
------------------------
```

78 features detected!

Checking for matches...

node 1 checked!...34 matches found!
node 2 checked!...29 matches found!
node 3 checked!...36 matches found!
node 4 checked!...36 matches found!
node 5 checked!...37 matches found!
node 6 checked!...31 matches found!
node 7 checked!...29 matches found!
node 8 checked!...39 matches found!
node 9 checked!...34 matches found!
node 10 checked!...34 matches found!
node 11 checked!...36 matches found!
node 12 checked!...28 matches found!
node 13 checked!...33 matches found!
node 14 checked!...27 matches found!
node 15 checked!...26 matches found!
node 16 checked!...34 matches found!
node 17 checked!...34 matches found!
node 18 checked!...31 matches found!
node 19 checked!...32 matches found!
node 20 checked!...34 matches found!
node 21 checked!...36 matches found!
node 22 checked!...31 matches found!
node 23 checked!...36 matches found!
node 24 checked!...36 matches found!
node 25 checked!...40 matches found!
node 26 checked!...43 matches found!
node 27 checked!...37 matches found!
node 28 checked!...40 matches found!
node 29 checked!...35 matches found!
node 30 checked!...38 matches found!

Voting array

[34 29 36 36 37 31 29 39 34 34 36 28 33 27 26 34 34 31 32 34 36 31 36 36 40
 43 37 40 35 38]

Putative nodes

[30 25 28 8 26]

Best matching node from voting array

26

Presence of query node in putative nodes

Present

Node 25 -> query image 35
----

80 features detected!

Checking for matches...

node 1 checked!...28 matches found!

```
node 2 checked!...28 matches found!
node 3 checked!...31 matches found!
node 4 checked!...40 matches found!
node 5 checked!...34 matches found!
node 6 checked!...29 matches found!
node 7 checked!...32 matches found!
node 8 checked!...31 matches found!
node 9 checked!...31 matches found!
node 10 checked!...30 matches found!
node 11 checked!...29 matches found!
node 12 checked!...34 matches found!
node 13 checked!...35 matches found!
node 14 checked!...36 matches found!
node 15 checked!...32 matches found!
node 16 checked!...36 matches found!
node 17 checked!...31 matches found!
node 18 checked!...34 matches found!
node 19 checked!...32 matches found!
node 20 checked!...33 matches found!
node 21 checked!...33 matches found!
node 22 checked!...32 matches found!
node 23 checked!...38 matches found!
node 24 checked!...29 matches found!
node 25 checked!...31 matches found!
node 26 checked!...36 matches found!
node 27 checked!...37 matches found!
node 28 checked!...36 matches found!
node 29 checked!...28 matches found!
node 30 checked!...29 matches found!

Voting array
--------------
[28 28 31 40 34 29 32 31 31 30 29 34 35 36 32 36 31 34 32 33 33 32 38 29 31
 36 37 36 28 29]

Putative nodes
------------
[26 14 27 23  4]

Best matching node from voting array
----------------------------------------
4

Presence of query node in putative nodes
----------------------------------------
Absent


Node 25 -> query image 36
------------------------

12 features detected!

Checking for matches...

node 1 checked!...10 matches found!
node 2 checked!...12 matches found!
node 3 checked!...11 matches found!
node 4 checked!...11 matches found!
node 5 checked!...11 matches found!
node 6 checked!...11 matches found!
node 7 checked!...10 matches found!
```

```
node 8 checked!...11 matches found!
node 9 checked!...12 matches found!
node 10 checked!...10 matches found!
node 11 checked!...12 matches found!
node 12 checked!...10 matches found!
node 13 checked!...12 matches found!
node 14 checked!...12 matches found!
node 15 checked!...11 matches found!
node 16 checked!...11 matches found!
node 17 checked!...11 matches found!
node 18 checked!...11 matches found!
node 19 checked!...11 matches found!
node 20 checked!...11 matches found!
node 21 checked!...12 matches found!
node 22 checked!...10 matches found!
node 23 checked!...11 matches found!
node 24 checked!...12 matches found!
node 25 checked!...11 matches found!
node 26 checked!...10 matches found!
node 27 checked!...11 matches found!
node 28 checked!...11 matches found!
node 29 checked!...11 matches found!
node 30 checked!...12 matches found!

Voting array
--------------
[10 12 11 11 11 11 10 11 12 10 12 10 12 12 11 11 11 11 11 11 12 10 11 12 11
 10 11 11 11 12]

Putative nodes
------------
[21  2 13 11 30]

Best matching node from voting array
----------------------------------------
2

Presence of query node in putative nodes
----------------------------------------
Absent


Node 25 -> query image 37
------------------------

17 features detected!

Checking for matches...

node 1 checked!...13 matches found!
node 2 checked!...12 matches found!
node 3 checked!...12 matches found!
node 4 checked!...13 matches found!
node 5 checked!...11 matches found!
node 6 checked!...11 matches found!
node 7 checked!...13 matches found!
node 8 checked!...12 matches found!
node 9 checked!...12 matches found!
node 10 checked!...12 matches found!
node 11 checked!...12 matches found!
node 12 checked!...12 matches found!
node 13 checked!...12 matches found!
```

```
node 14 checked!...12 matches found!
node 15 checked!...10 matches found!
node 16 checked!...11 matches found!
node 17 checked!...13 matches found!
node 18 checked!...12 matches found!
node 19 checked!...13 matches found!
node 20 checked!...12 matches found!
node 21 checked!...13 matches found!
node 22 checked!...12 matches found!
node 23 checked!...13 matches found!
node 24 checked!...12 matches found!
node 25 checked!...12 matches found!
node 26 checked!...13 matches found!
node 27 checked!...12 matches found!
node 28 checked!...13 matches found!
node 29 checked!...12 matches found!
node 30 checked!...13 matches found!

Voting array
--------------
[13 12 12 13 11 11 13 12 12 12 12 12 12 12 10 11 13 12 13 12 13 12 13 12 12
 13 12 13 12 13]

Putative nodes
------------
[ 4 23 21 19 30]

Best matching node from voting array
----------------------------------------
1

Presence of query node in putative nodes
----------------------------------------
Absent


Node 25 -> query image 38
------------------------

87 features detected!

Checking for matches...

node 1 checked!...32 matches found!
node 2 checked!...34 matches found!
node 3 checked!...38 matches found!
node 4 checked!...40 matches found!
node 5 checked!...36 matches found!
node 6 checked!...32 matches found!
node 7 checked!...38 matches found!
node 8 checked!...39 matches found!
node 9 checked!...41 matches found!
node 10 checked!...33 matches found!
node 11 checked!...37 matches found!
node 12 checked!...36 matches found!
node 13 checked!...29 matches found!
node 14 checked!...34 matches found!
node 15 checked!...35 matches found!
node 16 checked!...42 matches found!
node 17 checked!...42 matches found!
node 18 checked!...37 matches found!
node 19 checked!...34 matches found!
```

```
node 20 checked!...30 matches found!
node 21 checked!...37 matches found!
node 22 checked!...31 matches found!
node 23 checked!...39 matches found!
node 24 checked!...37 matches found!
node 25 checked!...38 matches found!
node 26 checked!...38 matches found!
node 27 checked!...37 matches found!
node 28 checked!...43 matches found!
node 29 checked!...38 matches found!
node 30 checked!...42 matches found!

Voting array
--------------
[32 34 38 40 36 32 38 39 41 33 37 36 29 34 35 42 42 37 34 30 37 31 39 37 38
 38 37 43 38 42]

Putative nodes
------------
[ 9 30 17 16 28]

Best matching node from voting array
----------------------------------------
28

Presence of query node in putative nodes
----------------------------------------
Absent


Node 25 -> query image 39
------------------------

83 features detected!

Checking for matches...

node 1 checked!...27 matches found!
node 2 checked!...23 matches found!
node 3 checked!...29 matches found!
node 4 checked!...31 matches found!
node 5 checked!...32 matches found!
node 6 checked!...26 matches found!
node 7 checked!...24 matches found!
node 8 checked!...28 matches found!
node 9 checked!...26 matches found!
node 10 checked!...31 matches found!
node 11 checked!...31 matches found!
node 12 checked!...24 matches found!
node 13 checked!...26 matches found!
node 14 checked!...24 matches found!
node 15 checked!...28 matches found!
node 16 checked!...29 matches found!
node 17 checked!...30 matches found!
node 18 checked!...29 matches found!
node 19 checked!...29 matches found!
node 20 checked!...26 matches found!
node 21 checked!...33 matches found!
node 22 checked!...22 matches found!
node 23 checked!...33 matches found!
node 24 checked!...27 matches found!
node 25 checked!...25 matches found!
```

```
node 26 checked!...30 matches found!
node 27 checked!...32 matches found!
node 28 checked!...28 matches found!
node 29 checked!...26 matches found!
node 30 checked!...28 matches found!

Voting array
--------------
[27 23 29 31 32 26 24 28 26 31 31 24 26 24 28 29 30 29 29 26 33 22 33 27 25
 30 32 28 26 28]

Putative nodes
------------
[ 4  5 27 21 23]

Best matching node from voting array
----------------------------------------
21

Presence of query node in putative nodes
----------------------------------------
Absent


Node 25 -> query image 40
------------------------

94 features detected!

Checking for matches...

node 1 checked!...32 matches found!
node 2 checked!...37 matches found!
node 3 checked!...39 matches found!
node 4 checked!...42 matches found!
node 5 checked!...38 matches found!
node 6 checked!...29 matches found!
node 7 checked!...39 matches found!
node 8 checked!...35 matches found!
node 9 checked!...30 matches found!
node 10 checked!...36 matches found!
node 11 checked!...36 matches found!
node 12 checked!...34 matches found!
node 13 checked!...37 matches found!
node 14 checked!...37 matches found!
node 15 checked!...32 matches found!
node 16 checked!...36 matches found!
node 17 checked!...40 matches found!
node 18 checked!...35 matches found!
node 19 checked!...35 matches found!
node 20 checked!...31 matches found!
node 21 checked!...41 matches found!
node 22 checked!...29 matches found!
node 23 checked!...43 matches found!
node 24 checked!...37 matches found!
node 25 checked!...39 matches found!
node 26 checked!...42 matches found!
node 27 checked!...38 matches found!
node 28 checked!...37 matches found!
node 29 checked!...34 matches found!
node 30 checked!...36 matches found!
```

Voting array

[32 37 39 42 38 29 39 35 30 36 36 34 37 37 32 36 40 35 35 31 41 29 43 37 39
 42 38 37 34 36]

Putative nodes

[17 21 4 26 23]

Best matching node from voting array

23

Presence of query node in putative nodes

Absent

 Node 25 testing completed!

Node 26 -> query image 1
----

0 features detected!

Checking for matches...

node 1 checked!...0 matches found!
node 2 checked!...0 matches found!
node 3 checked!...0 matches found!
node 4 checked!...0 matches found!
node 5 checked!...0 matches found!
node 6 checked!...0 matches found!
node 7 checked!...0 matches found!
node 8 checked!...0 matches found!
node 9 checked!...0 matches found!
node 10 checked!...0 matches found!
node 11 checked!...0 matches found!
node 12 checked!...0 matches found!
node 13 checked!...0 matches found!
node 14 checked!...0 matches found!
node 15 checked!...0 matches found!
node 16 checked!...0 matches found!
node 17 checked!...0 matches found!
node 18 checked!...0 matches found!
node 19 checked!...0 matches found!
node 20 checked!...0 matches found!
node 21 checked!...0 matches found!
node 22 checked!...0 matches found!
node 23 checked!...0 matches found!
node 24 checked!...0 matches found!
node 25 checked!...0 matches found!
node 26 checked!...0 matches found!
node 27 checked!...0 matches found!
node 28 checked!...0 matches found!
node 29 checked!...0 matches found!
node 30 checked!...0 matches found!

Voting array

[0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0]

Unable to predict a matching node and putative nodes!

Node 26 -> query image 2
----

8 features detected!

Checking for matches...

node 1 checked!...6 matches found!
node 2 checked!...6 matches found!
node 3 checked!...7 matches found!
node 4 checked!...7 matches found!
node 5 checked!...7 matches found!
node 6 checked!...7 matches found!
node 7 checked!...7 matches found!
node 8 checked!...7 matches found!
node 9 checked!...7 matches found!
node 10 checked!...7 matches found!
node 11 checked!...7 matches found!
node 12 checked!...7 matches found!
node 13 checked!...7 matches found!
node 14 checked!...6 matches found!
node 15 checked!...7 matches found!
node 16 checked!...7 matches found!
node 17 checked!...7 matches found!
node 18 checked!...7 matches found!
node 19 checked!...6 matches found!
node 20 checked!...7 matches found!
node 21 checked!...7 matches found!
node 22 checked!...6 matches found!
node 23 checked!...7 matches found!
node 24 checked!...7 matches found!
node 25 checked!...7 matches found!
node 26 checked!...4 matches found!
node 27 checked!...7 matches found!
node 28 checked!...7 matches found!
node 29 checked!...7 matches found!
node 30 checked!...7 matches found!

Voting array

[6 6 7 7 7 7 7 7 7 7 7 7 7 6 7 7 7 7 6 7 7 6 7 7 6 7 7 4 7 7 7 7]

Putative nodes

[10 13 11 9 30]

Best matching node from voting array

3

Presence of query node in putative nodes

Absent

Node 26 -> query image 3
----

0 features detected!

Checking for matches...

node 1 checked!...0 matches found!
node 2 checked!...0 matches found!
node 3 checked!...0 matches found!
node 4 checked!...0 matches found!
node 5 checked!...0 matches found!
node 6 checked!...0 matches found!
node 7 checked!...0 matches found!
node 8 checked!...0 matches found!
node 9 checked!...0 matches found!
node 10 checked!...0 matches found!
node 11 checked!...0 matches found!
node 12 checked!...0 matches found!
node 13 checked!...0 matches found!
node 14 checked!...0 matches found!
node 15 checked!...0 matches found!
node 16 checked!...0 matches found!
node 17 checked!...0 matches found!
node 18 checked!...0 matches found!
node 19 checked!...0 matches found!
node 20 checked!...0 matches found!
node 21 checked!...0 matches found!
node 22 checked!...0 matches found!
node 23 checked!...0 matches found!
node 24 checked!...0 matches found!
node 25 checked!...0 matches found!
node 26 checked!...0 matches found!
node 27 checked!...0 matches found!
node 28 checked!...0 matches found!
node 29 checked!...0 matches found!
node 30 checked!...0 matches found!

Voting array

[0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0]

Unable to predict a matching node and putative nodes!

Node 26 -> query image 4
----

65 features detected!

Checking for matches...

node 1 checked!...31 matches found!
node 2 checked!...32 matches found!
node 3 checked!...30 matches found!
node 4 checked!...33 matches found!
node 5 checked!...33 matches found!
node 6 checked!...32 matches found!
node 7 checked!...33 matches found!
node 8 checked!...31 matches found!
node 9 checked!...26 matches found!
node 10 checked!...33 matches found!
node 11 checked!...29 matches found!
node 12 checked!...30 matches found!
node 13 checked!...31 matches found!
node 14 checked!...29 matches found!
node 15 checked!...29 matches found!

```
node 16 checked!...33 matches found!
node 17 checked!...31 matches found!
node 18 checked!...32 matches found!
node 19 checked!...34 matches found!
node 20 checked!...31 matches found!
node 21 checked!...29 matches found!
node 22 checked!...29 matches found!
node 23 checked!...36 matches found!
node 24 checked!...36 matches found!
node 25 checked!...31 matches found!
node 26 checked!...32 matches found!
node 27 checked!...32 matches found!
node 28 checked!...31 matches found!
node 29 checked!...29 matches found!
node 30 checked!...32 matches found!
```

Voting array

[31 32 30 33 33 32 33 31 26 33 29 30 31 29 29 33 31 32 34 31 29 29 36 36 31
 32 32 31 29 32]

Putative nodes

[16 23 10 24 19]

Best matching node from voting array

23

Presence of query node in putative nodes

Absent

Node 26 -> query image 5
----

0 features detected!

Checking for matches...

```
node 1 checked!...0 matches found!
node 2 checked!...0 matches found!
node 3 checked!...0 matches found!
node 4 checked!...0 matches found!
node 5 checked!...0 matches found!
node 6 checked!...0 matches found!
node 7 checked!...0 matches found!
node 8 checked!...0 matches found!
node 9 checked!...0 matches found!
node 10 checked!...0 matches found!
node 11 checked!...0 matches found!
node 12 checked!...0 matches found!
node 13 checked!...0 matches found!
node 14 checked!...0 matches found!
node 15 checked!...0 matches found!
node 16 checked!...0 matches found!
node 17 checked!...0 matches found!
node 18 checked!...0 matches found!
node 19 checked!...0 matches found!
node 20 checked!...0 matches found!
node 21 checked!...0 matches found!
```

```
node 22 checked!...0 matches found!
node 23 checked!...0 matches found!
node 24 checked!...0 matches found!
node 25 checked!...0 matches found!
node 26 checked!...0 matches found!
node 27 checked!...0 matches found!
node 28 checked!...0 matches found!
node 29 checked!...0 matches found!
node 30 checked!...0 matches found!

Voting array
--------------
[0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0]

Unable to predict a matching node and putative nodes!

Node 26 -> query image 6
------------------------

92 features detected!

Checking for matches...

node 1 checked!...35 matches found!
node 2 checked!...33 matches found!
node 3 checked!...38 matches found!
node 4 checked!...45 matches found!
node 5 checked!...34 matches found!
node 6 checked!...40 matches found!
node 7 checked!...35 matches found!
node 8 checked!...39 matches found!
node 9 checked!...36 matches found!
node 10 checked!...39 matches found!
node 11 checked!...38 matches found!
node 12 checked!...34 matches found!
node 13 checked!...33 matches found!
node 14 checked!...35 matches found!
node 15 checked!...38 matches found!
node 16 checked!...39 matches found!
node 17 checked!...34 matches found!
node 18 checked!...40 matches found!
node 19 checked!...38 matches found!
node 20 checked!...35 matches found!
node 21 checked!...48 matches found!
node 22 checked!...33 matches found!
node 23 checked!...45 matches found!
node 24 checked!...44 matches found!
node 25 checked!...44 matches found!
node 26 checked!...48 matches found!
node 27 checked!...40 matches found!
node 28 checked!...43 matches found!
node 29 checked!...36 matches found!
node 30 checked!...36 matches found!

Voting array
--------------
[35 33 38 45 34 40 35 39 36 39 38 34 33 35 38 39 34 40 38 35 48 33 45 44 44
 48 40 43 36 36]

Putative nodes
------------
[25  4 23 26 21]
```

Best matching node from voting array

21

Presence of query node in putative nodes

Present

Node 26 -> query image 7
----

86 features detected!

Checking for matches...

node 1 checked!...39 matches found!
node 2 checked!...31 matches found!
node 3 checked!...36 matches found!
node 4 checked!...37 matches found!
node 5 checked!...39 matches found!
node 6 checked!...36 matches found!
node 7 checked!...32 matches found!
node 8 checked!...38 matches found!
node 9 checked!...35 matches found!
node 10 checked!...33 matches found!
node 11 checked!...38 matches found!
node 12 checked!...33 matches found!
node 13 checked!...32 matches found!
node 14 checked!...36 matches found!
node 15 checked!...36 matches found!
node 16 checked!...36 matches found!
node 17 checked!...39 matches found!
node 18 checked!...34 matches found!
node 19 checked!...30 matches found!
node 20 checked!...34 matches found!
node 21 checked!...38 matches found!
node 22 checked!...31 matches found!
node 23 checked!...39 matches found!
node 24 checked!...33 matches found!
node 25 checked!...30 matches found!
node 26 checked!...39 matches found!
node 27 checked!...35 matches found!
node 28 checked!...34 matches found!
node 29 checked!...36 matches found!
node 30 checked!...35 matches found!

Voting array

[39 31 36 37 39 36 32 38 35 33 38 33 32 36 36 36 39 34 30 34 38 31 39 33 30
 39 35 34 36 35]

Putative nodes

[17 5 26 23 1]

Best matching node from voting array

1

Presence of query node in putative nodes

```
-----------------------------------------
Present


Node 26 -> query image 8
------------------------

87 features detected!

Checking for matches...

node 1 checked!...34 matches found!
node 2 checked!...30 matches found!
node 3 checked!...38 matches found!
node 4 checked!...36 matches found!
node 5 checked!...37 matches found!
node 6 checked!...29 matches found!
node 7 checked!...29 matches found!
node 8 checked!...34 matches found!
node 9 checked!...31 matches found!
node 10 checked!...32 matches found!
node 11 checked!...36 matches found!
node 12 checked!...36 matches found!
node 13 checked!...35 matches found!
node 14 checked!...34 matches found!
node 15 checked!...33 matches found!
node 16 checked!...34 matches found!
node 17 checked!...36 matches found!
node 18 checked!...33 matches found!
node 19 checked!...35 matches found!
node 20 checked!...29 matches found!
node 21 checked!...39 matches found!
node 22 checked!...28 matches found!
node 23 checked!...39 matches found!
node 24 checked!...33 matches found!
node 25 checked!...33 matches found!
node 26 checked!...36 matches found!
node 27 checked!...36 matches found!
node 28 checked!...39 matches found!
node 29 checked!...32 matches found!
node 30 checked!...33 matches found!

Voting array
--------------
[34 30 38 36 37 29 29 34 31 32 36 36 35 34 33 34 36 33 35 29 39 28 39 33 33
 36 36 39 32 33]

Putative nodes
------------
[ 5 21 28  3 23]

Best matching node from voting array
-----------------------------------------
21

Presence of query node in putative nodes
-----------------------------------------
Absent


Node 26 -> query image 9
------------------------
```

72 features detected!

Checking for matches...

node 1 checked!...28 matches found!
node 2 checked!...31 matches found!
node 3 checked!...34 matches found!
node 4 checked!...39 matches found!
node 5 checked!...34 matches found!
node 6 checked!...31 matches found!
node 7 checked!...29 matches found!
node 8 checked!...31 matches found!
node 9 checked!...31 matches found!
node 10 checked!...30 matches found!
node 11 checked!...28 matches found!
node 12 checked!...33 matches found!
node 13 checked!...32 matches found!
node 14 checked!...33 matches found!
node 15 checked!...33 matches found!
node 16 checked!...30 matches found!
node 17 checked!...35 matches found!
node 18 checked!...30 matches found!
node 19 checked!...32 matches found!
node 20 checked!...34 matches found!
node 21 checked!...36 matches found!
node 22 checked!...34 matches found!
node 23 checked!...40 matches found!
node 24 checked!...33 matches found!
node 25 checked!...33 matches found!
node 26 checked!...33 matches found!
node 27 checked!...31 matches found!
node 28 checked!...30 matches found!
node 29 checked!...33 matches found!
node 30 checked!...34 matches found!

Voting array

[28 31 34 39 34 31 29 31 31 30 28 33 32 33 33 30 35 30 32 34 36 34 40 33 33
 33 31 30 33 34]

Putative nodes

[22 17 21 4 23]

Best matching node from voting array

23

Presence of query node in putative nodes

Absent

Node 26 -> query image 10
----

0 features detected!

Checking for matches...

node 1 checked!...0 matches found!

```
node 2 checked!...0 matches found!
node 3 checked!...0 matches found!
node 4 checked!...0 matches found!
node 5 checked!...0 matches found!
node 6 checked!...0 matches found!
node 7 checked!...0 matches found!
node 8 checked!...0 matches found!
node 9 checked!...0 matches found!
node 10 checked!...0 matches found!
node 11 checked!...0 matches found!
node 12 checked!...0 matches found!
node 13 checked!...0 matches found!
node 14 checked!...0 matches found!
node 15 checked!...0 matches found!
node 16 checked!...0 matches found!
node 17 checked!...0 matches found!
node 18 checked!...0 matches found!
node 19 checked!...0 matches found!
node 20 checked!...0 matches found!
node 21 checked!...0 matches found!
node 22 checked!...0 matches found!
node 23 checked!...0 matches found!
node 24 checked!...0 matches found!
node 25 checked!...0 matches found!
node 26 checked!...0 matches found!
node 27 checked!...0 matches found!
node 28 checked!...0 matches found!
node 29 checked!...0 matches found!
node 30 checked!...0 matches found!

Voting array
--------------
[0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0]

Unable to predict a matching node and putative nodes!

Node 26 -> query image 11
------------------------

37 features detected!

Checking for matches...

node 1 checked!...25 matches found!
node 2 checked!...22 matches found!
node 3 checked!...21 matches found!
node 4 checked!...26 matches found!
node 5 checked!...28 matches found!
node 6 checked!...24 matches found!
node 7 checked!...21 matches found!
node 8 checked!...20 matches found!
node 9 checked!...19 matches found!
node 10 checked!...18 matches found!
node 11 checked!...24 matches found!
node 12 checked!...23 matches found!
node 13 checked!...20 matches found!
node 14 checked!...21 matches found!
node 15 checked!...22 matches found!
node 16 checked!...27 matches found!
node 17 checked!...27 matches found!
node 18 checked!...25 matches found!
node 19 checked!...26 matches found!
```

```
node 20 checked!...22 matches found!
node 21 checked!...24 matches found!
node 22 checked!...22 matches found!
node 23 checked!...25 matches found!
node 24 checked!...23 matches found!
node 25 checked!...22 matches found!
node 26 checked!...25 matches found!
node 27 checked!...27 matches found!
node 28 checked!...21 matches found!
node 29 checked!...22 matches found!
node 30 checked!...23 matches found!

Voting array
--------------
[25 22 21 26 28 24 21 20 19 18 24 23 20 21 22 27 27 25 26 22 24 22 25 23 22
 25 27 21 22 23]

Putative nodes
------------
[19 27  5 16 17]

Best matching node from voting array
----------------------------------------
5

Presence of query node in putative nodes
----------------------------------------
Absent


Node 26 -> query image 12
------------------------

72 features detected!

Checking for matches...

node 1 checked!...36 matches found!
node 2 checked!...29 matches found!
node 3 checked!...34 matches found!
node 4 checked!...34 matches found!
node 5 checked!...36 matches found!
node 6 checked!...35 matches found!
node 7 checked!...30 matches found!
node 8 checked!...34 matches found!
node 9 checked!...30 matches found!
node 10 checked!...29 matches found!
node 11 checked!...34 matches found!
node 12 checked!...30 matches found!
node 13 checked!...28 matches found!
node 14 checked!...36 matches found!
node 15 checked!...34 matches found!
node 16 checked!...33 matches found!
node 17 checked!...35 matches found!
node 18 checked!...30 matches found!
node 19 checked!...27 matches found!
node 20 checked!...31 matches found!
node 21 checked!...35 matches found!
node 22 checked!...32 matches found!
node 23 checked!...34 matches found!
node 24 checked!...33 matches found!
node 25 checked!...32 matches found!
```

```
node 26 checked!...37 matches found!
node 27 checked!...33 matches found!
node 28 checked!...31 matches found!
node 29 checked!...32 matches found!
node 30 checked!...34 matches found!

Voting array
--------------
[36 29 34 34 36 35 30 34 30 29 34 30 28 36 34 33 35 30 27 31 35 32 34 33 32
 37 33 31 32 34]

Putative nodes
------------
[21 14  1  5 26]

Best matching node from voting array
-------------------------------------
26

Presence of query node in putative nodes
-------------------------------------
Present


Node 26 -> query image 13
------------------------

79 features detected!

Checking for matches...

node 1 checked!...36 matches found!
node 2 checked!...34 matches found!
node 3 checked!...37 matches found!
node 4 checked!...33 matches found!
node 5 checked!...41 matches found!
node 6 checked!...34 matches found!
node 7 checked!...32 matches found!
node 8 checked!...40 matches found!
node 9 checked!...30 matches found!
node 10 checked!...39 matches found!
node 11 checked!...36 matches found!
node 12 checked!...33 matches found!
node 13 checked!...40 matches found!
node 14 checked!...35 matches found!
node 15 checked!...34 matches found!
node 16 checked!...38 matches found!
node 17 checked!...38 matches found!
node 18 checked!...40 matches found!
node 19 checked!...37 matches found!
node 20 checked!...36 matches found!
node 21 checked!...40 matches found!
node 22 checked!...30 matches found!
node 23 checked!...44 matches found!
node 24 checked!...36 matches found!
node 25 checked!...38 matches found!
node 26 checked!...32 matches found!
node 27 checked!...40 matches found!
node 28 checked!...39 matches found!
node 29 checked!...36 matches found!
node 30 checked!...39 matches found!
```

Voting array

[36 34 37 33 41 34 32 40 30 39 36 33 40 35 34 38 38 40 37 36 40 30 44 36 38
 32 40 39 36 39]

Putative nodes

[18 8 23 5 13]

Best matching node from voting array

23

Presence of query node in putative nodes

Absent

Node 26 -> query image 14
----

82 features detected!

Checking for matches...

node 1 checked!...31 matches found!
node 2 checked!...32 matches found!
node 3 checked!...29 matches found!
node 4 checked!...36 matches found!
node 5 checked!...38 matches found!
node 6 checked!...34 matches found!
node 7 checked!...35 matches found!
node 8 checked!...37 matches found!
node 9 checked!...32 matches found!
node 10 checked!...28 matches found!
node 11 checked!...35 matches found!
node 12 checked!...32 matches found!
node 13 checked!...33 matches found!
node 14 checked!...33 matches found!
node 15 checked!...34 matches found!
node 16 checked!...38 matches found!
node 17 checked!...39 matches found!
node 18 checked!...37 matches found!
node 19 checked!...36 matches found!
node 20 checked!...33 matches found!
node 21 checked!...35 matches found!
node 22 checked!...34 matches found!
node 23 checked!...35 matches found!
node 24 checked!...42 matches found!
node 25 checked!...38 matches found!
node 26 checked!...37 matches found!
node 27 checked!...38 matches found!
node 28 checked!...37 matches found!
node 29 checked!...33 matches found!
node 30 checked!...36 matches found!

Voting array

[31 32 29 36 38 34 35 37 32 28 35 32 33 33 34 38 39 37 36 33 35 34 35 42 38
 37 38 37 33 36]

Putative nodes

```
------------
[16 27 24  5 17]
```

Best matching node from voting array

24

Presence of query node in putative nodes

Absent

Node 26 -> query image 15
----

96 features detected!

Checking for matches...

```
node 1 checked!...30 matches found!
node 2 checked!...32 matches found!
node 3 checked!...35 matches found!
node 4 checked!...40 matches found!
node 5 checked!...44 matches found!
node 6 checked!...38 matches found!
node 7 checked!...34 matches found!
node 8 checked!...34 matches found!
node 9 checked!...31 matches found!
node 10 checked!...34 matches found!
node 11 checked!...32 matches found!
node 12 checked!...31 matches found!
node 13 checked!...36 matches found!
node 14 checked!...34 matches found!
node 15 checked!...34 matches found!
node 16 checked!...41 matches found!
node 17 checked!...41 matches found!
node 18 checked!...36 matches found!
node 19 checked!...36 matches found!
node 20 checked!...37 matches found!
node 21 checked!...36 matches found!
node 22 checked!...33 matches found!
node 23 checked!...39 matches found!
node 24 checked!...38 matches found!
node 25 checked!...39 matches found!
node 26 checked!...40 matches found!
node 27 checked!...37 matches found!
node 28 checked!...36 matches found!
node 29 checked!...36 matches found!
node 30 checked!...40 matches found!
```

Voting array

```
[30 32 35 40 44 38 34 34 31 34 32 31 36 34 34 41 41 36 36 37 36 33 39 38 39
 40 37 36 36 40]
```

Putative nodes

```
[30 26  5 16 17]
```

Best matching node from voting array

5

Presence of query node in putative nodes

Present

Node 26 -> query image 16
----

100 features detected!

Checking for matches...

node 1 checked!...37 matches found!
node 2 checked!...35 matches found!
node 3 checked!...41 matches found!
node 4 checked!...43 matches found!
node 5 checked!...37 matches found!
node 6 checked!...37 matches found!
node 7 checked!...33 matches found!
node 8 checked!...41 matches found!
node 9 checked!...31 matches found!
node 10 checked!...37 matches found!
node 11 checked!...38 matches found!
node 12 checked!...33 matches found!
node 13 checked!...37 matches found!
node 14 checked!...34 matches found!
node 15 checked!...36 matches found!
node 16 checked!...36 matches found!
node 17 checked!...39 matches found!
node 18 checked!...40 matches found!
node 19 checked!...37 matches found!
node 20 checked!...33 matches found!
node 21 checked!...41 matches found!
node 22 checked!...36 matches found!
node 23 checked!...44 matches found!
node 24 checked!...40 matches found!
node 25 checked!...39 matches found!
node 26 checked!...48 matches found!
node 27 checked!...39 matches found!
node 28 checked!...40 matches found!
node 29 checked!...38 matches found!
node 30 checked!...39 matches found!

Voting array

[37 35 41 43 37 37 33 41 31 37 38 33 37 34 36 36 39 40 37 33 41 36 44 40 39
 48 39 40 38 39]

Putative nodes

[21 26 3 23 4]

Best matching node from voting array

26

Presence of query node in putative nodes

Present

Node 26 -> query image 17
----

88 features detected!

Checking for matches...

node 1 checked!...32 matches found!
node 2 checked!...32 matches found!
node 3 checked!...36 matches found!
node 4 checked!...36 matches found!
node 5 checked!...36 matches found!
node 6 checked!...31 matches found!
node 7 checked!...28 matches found!
node 8 checked!...34 matches found!
node 9 checked!...32 matches found!
node 10 checked!...35 matches found!
node 11 checked!...32 matches found!
node 12 checked!...37 matches found!
node 13 checked!...36 matches found!
node 14 checked!...33 matches found!
node 15 checked!...35 matches found!
node 16 checked!...38 matches found!
node 17 checked!...38 matches found!
node 18 checked!...34 matches found!
node 19 checked!...36 matches found!
node 20 checked!...30 matches found!
node 21 checked!...41 matches found!
node 22 checked!...30 matches found!
node 23 checked!...37 matches found!
node 24 checked!...38 matches found!
node 25 checked!...31 matches found!
node 26 checked!...39 matches found!
node 27 checked!...40 matches found!
node 28 checked!...35 matches found!
node 29 checked!...35 matches found!
node 30 checked!...34 matches found!

Voting array

[32 32 36 36 36 31 28 34 32 35 32 37 36 33 35 38 38 34 36 30 41 30 37 38 31
 39 40 35 35 34]

Putative nodes

[16 24 26 27 21]

Best matching node from voting array

21

Presence of query node in putative nodes

Present

Node 26 -> query image 18
----

89 features detected!

Checking for matches...

```
node 1 checked!...37 matches found!
node 2 checked!...35 matches found!
node 3 checked!...37 matches found!
node 4 checked!...38 matches found!
node 5 checked!...43 matches found!
node 6 checked!...35 matches found!
node 7 checked!...31 matches found!
node 8 checked!...37 matches found!
node 9 checked!...33 matches found!
node 10 checked!...34 matches found!
node 11 checked!...31 matches found!
node 12 checked!...32 matches found!
node 13 checked!...35 matches found!
node 14 checked!...38 matches found!
node 15 checked!...33 matches found!
node 16 checked!...37 matches found!
node 17 checked!...40 matches found!
node 18 checked!...39 matches found!
node 19 checked!...37 matches found!
node 20 checked!...33 matches found!
node 21 checked!...44 matches found!
node 22 checked!...35 matches found!
node 23 checked!...39 matches found!
node 24 checked!...34 matches found!
node 25 checked!...34 matches found!
node 26 checked!...37 matches found!
node 27 checked!...42 matches found!
node 28 checked!...35 matches found!
node 29 checked!...30 matches found!
node 30 checked!...38 matches found!
```

Voting array

[37 35 37 38 43 35 31 37 33 34 31 32 35 38 33 37 40 39 37 33 44 35 39 34 34
 37 42 35 30 38]

Putative nodes

[18 17 5 21 27]

Best matching node from voting array

21

Presence of query node in putative nodes

Absent

Node 26 -> query image 19
----

87 features detected!

Checking for matches...

```
node 1 checked!...37 matches found!
node 2 checked!...32 matches found!
node 3 checked!...39 matches found!
node 4 checked!...36 matches found!
node 5 checked!...42 matches found!
```

```
node 6 checked!...37 matches found!
node 7 checked!...34 matches found!
node 8 checked!...34 matches found!
node 9 checked!...35 matches found!
node 10 checked!...36 matches found!
node 11 checked!...34 matches found!
node 12 checked!...30 matches found!
node 13 checked!...37 matches found!
node 14 checked!...36 matches found!
node 15 checked!...33 matches found!
node 16 checked!...38 matches found!
node 17 checked!...41 matches found!
node 18 checked!...37 matches found!
node 19 checked!...39 matches found!
node 20 checked!...33 matches found!
node 21 checked!...43 matches found!
node 22 checked!...31 matches found!
node 23 checked!...41 matches found!
node 24 checked!...37 matches found!
node 25 checked!...36 matches found!
node 26 checked!...37 matches found!
node 27 checked!...35 matches found!
node 28 checked!...34 matches found!
node 29 checked!...30 matches found!
node 30 checked!...34 matches found!


Voting array
--------------
[37 32 39 36 42 37 34 34 35 36 34 30 37 36 33 38 41 37 39 33 43 31 41 37 36
 37 35 34 30 34]

Putative nodes
------------
[19  5 23 17 21]

Best matching node from voting array
----------------------------------------
21

Presence of query node in putative nodes
----------------------------------------
Absent


Node 26 -> query image 20
-----------------------

93 features detected!

Checking for matches...

node 1 checked!...33 matches found!
node 2 checked!...34 matches found!
node 3 checked!...32 matches found!
node 4 checked!...37 matches found!
node 5 checked!...38 matches found!
node 6 checked!...32 matches found!
node 7 checked!...29 matches found!
node 8 checked!...36 matches found!
node 9 checked!...30 matches found!
node 10 checked!...32 matches found!
node 11 checked!...36 matches found!
```

```
node 12 checked!...33 matches found!
node 13 checked!...36 matches found!
node 14 checked!...32 matches found!
node 15 checked!...32 matches found!
node 16 checked!...35 matches found!
node 17 checked!...37 matches found!
node 18 checked!...38 matches found!
node 19 checked!...34 matches found!
node 20 checked!...30 matches found!
node 21 checked!...39 matches found!
node 22 checked!...35 matches found!
node 23 checked!...38 matches found!
node 24 checked!...35 matches found!
node 25 checked!...38 matches found!
node 26 checked!...43 matches found!
node 27 checked!...34 matches found!
node 28 checked!...39 matches found!
node 29 checked!...31 matches found!
node 30 checked!...39 matches found!

Voting array
--------------
[33 34 32 37 38 32 29 36 30 32 36 33 36 32 32 35 37 38 34 30 39 35 38 35 38
 43 34 39 31 39]

Putative nodes
------------
[ 5 21 28 26 30]

Best matching node from voting array
----------------------------------------
26

Presence of query node in putative nodes
----------------------------------------
Present


Node 26 -> query image 21
------------------------

77 features detected!

Checking for matches...

node 1 checked!...32 matches found!
node 2 checked!...31 matches found!
node 3 checked!...35 matches found!
node 4 checked!...37 matches found!
node 5 checked!...34 matches found!
node 6 checked!...30 matches found!
node 7 checked!...32 matches found!
node 8 checked!...38 matches found!
node 9 checked!...28 matches found!
node 10 checked!...35 matches found!
node 11 checked!...35 matches found!
node 12 checked!...29 matches found!
node 13 checked!...35 matches found!
node 14 checked!...34 matches found!
node 15 checked!...33 matches found!
node 16 checked!...35 matches found!
node 17 checked!...37 matches found!
```

```
node 18 checked!...41 matches found!
node 19 checked!...33 matches found!
node 20 checked!...32 matches found!
node 21 checked!...35 matches found!
node 22 checked!...34 matches found!
node 23 checked!...36 matches found!
node 24 checked!...36 matches found!
node 25 checked!...31 matches found!
node 26 checked!...37 matches found!
node 27 checked!...37 matches found!
node 28 checked!...35 matches found!
node 29 checked!...33 matches found!
node 30 checked!...35 matches found!


Voting array
--------------
[32 31 35 37 34 30 32 38 28 35 35 29 35 34 33 35 37 41 33 32 35 34 36 36 31
 37 37 35 33 35]

Putative nodes
------------
[ 4 26 18 17  8]

Best matching node from voting array
----------------------------------------
18

Presence of query node in putative nodes
----------------------------------------
Present


Node 26 -> query image 22
------------------------

92 features detected!

Checking for matches...

node 1 checked!...30 matches found!
node 2 checked!...25 matches found!
node 3 checked!...32 matches found!
node 4 checked!...30 matches found!
node 5 checked!...38 matches found!
node 6 checked!...29 matches found!
node 7 checked!...25 matches found!
node 8 checked!...31 matches found!
node 9 checked!...33 matches found!
node 10 checked!...27 matches found!
node 11 checked!...31 matches found!
node 12 checked!...30 matches found!
node 13 checked!...34 matches found!
node 14 checked!...31 matches found!
node 15 checked!...30 matches found!
node 16 checked!...30 matches found!
node 17 checked!...36 matches found!
node 18 checked!...34 matches found!
node 19 checked!...33 matches found!
node 20 checked!...28 matches found!
node 21 checked!...32 matches found!
node 22 checked!...28 matches found!
node 23 checked!...37 matches found!
```

```
node 24 checked!...27 matches found!
node 25 checked!...28 matches found!
node 26 checked!...30 matches found!
node 27 checked!...34 matches found!
node 28 checked!...32 matches found!
node 29 checked!...33 matches found!
node 30 checked!...35 matches found!

Voting array
--------------
[30 25 32 30 38 29 25 31 33 27 31 30 34 31 30 30 36 34 33 28 32 28 37 27 28
 30 34 32 33 35]

Putative nodes
------------
[18 30 23 17  5]

Best matching node from voting array
----------------------------------------
5

Presence of query node in putative nodes
----------------------------------------
Absent


Node 26 -> query image 23
------------------------

98 features detected!

Checking for matches...

node 1 checked!...30 matches found!
node 2 checked!...31 matches found!
node 3 checked!...36 matches found!
node 4 checked!...39 matches found!
node 5 checked!...38 matches found!
node 6 checked!...33 matches found!
node 7 checked!...28 matches found!
node 8 checked!...35 matches found!
node 9 checked!...32 matches found!
node 10 checked!...35 matches found!
node 11 checked!...38 matches found!
node 12 checked!...36 matches found!
node 13 checked!...39 matches found!
node 14 checked!...33 matches found!
node 15 checked!...33 matches found!
node 16 checked!...35 matches found!
node 17 checked!...41 matches found!
node 18 checked!...36 matches found!
node 19 checked!...35 matches found!
node 20 checked!...31 matches found!
node 21 checked!...38 matches found!
node 22 checked!...33 matches found!
node 23 checked!...37 matches found!
node 24 checked!...38 matches found!
node 25 checked!...29 matches found!
node 26 checked!...40 matches found!
node 27 checked!...42 matches found!
node 28 checked!...35 matches found!
node 29 checked!...33 matches found!
```

node 30 checked!...37 matches found!

Voting array

[30 31 36 39 38 33 28 35 32 35 38 36 39 33 33 35 41 36 35 31 38 33 37 38 29
 40 42 35 33 37]

Putative nodes

[13 4 26 17 27]

Best matching node from voting array

27

Presence of query node in putative nodes

Present

Node 26 -> query image 24
----

84 features detected!

Checking for matches...

node 1 checked!...37 matches found!
node 2 checked!...31 matches found!
node 3 checked!...35 matches found!
node 4 checked!...34 matches found!
node 5 checked!...40 matches found!
node 6 checked!...33 matches found!
node 7 checked!...33 matches found!
node 8 checked!...31 matches found!
node 9 checked!...32 matches found!
node 10 checked!...32 matches found!
node 11 checked!...31 matches found!
node 12 checked!...32 matches found!
node 13 checked!...35 matches found!
node 14 checked!...35 matches found!
node 15 checked!...33 matches found!
node 16 checked!...35 matches found!
node 17 checked!...38 matches found!
node 18 checked!...34 matches found!
node 19 checked!...35 matches found!
node 20 checked!...32 matches found!
node 21 checked!...42 matches found!
node 22 checked!...32 matches found!
node 23 checked!...35 matches found!
node 24 checked!...40 matches found!
node 25 checked!...31 matches found!
node 26 checked!...35 matches found!
node 27 checked!...34 matches found!
node 28 checked!...32 matches found!
node 29 checked!...31 matches found!
node 30 checked!...34 matches found!

Voting array

[37 31 35 34 40 33 33 31 32 32 31 32 35 35 33 35 38 34 35 32 42 32 35 40 31
 35 34 32 31 34]

Putative nodes

[1 17 5 21 24]

Best matching node from voting array

21

Presence of query node in putative nodes

Absent

Node 26 -> query image 25
----

88 features detected!

Checking for matches...

node 1 checked!...33 matches found!
node 2 checked!...35 matches found!
node 3 checked!...33 matches found!
node 4 checked!...38 matches found!
node 5 checked!...37 matches found!
node 6 checked!...34 matches found!
node 7 checked!...27 matches found!
node 8 checked!...38 matches found!
node 9 checked!...28 matches found!
node 10 checked!...35 matches found!
node 11 checked!...29 matches found!
node 12 checked!...33 matches found!
node 13 checked!...36 matches found!
node 14 checked!...37 matches found!
node 15 checked!...30 matches found!
node 16 checked!...34 matches found!
node 17 checked!...37 matches found!
node 18 checked!...38 matches found!
node 19 checked!...29 matches found!
node 20 checked!...34 matches found!
node 21 checked!...37 matches found!
node 22 checked!...34 matches found!
node 23 checked!...36 matches found!
node 24 checked!...35 matches found!
node 25 checked!...34 matches found!
node 26 checked!...38 matches found!
node 27 checked!...37 matches found!
node 28 checked!...36 matches found!
node 29 checked!...32 matches found!
node 30 checked!...37 matches found!

Voting array

[33 35 33 38 37 34 27 38 28 35 29 33 36 37 30 34 37 38 29 34 37 34 36 35 34
 38 37 36 32 37]

Putative nodes

[17 8 26 18 4]

Best matching node from voting array

```
-----------------------------------------
4

Presence of query node in putative nodes
-----------------------------------------
Present


Node 26 -> query image 26
-------------------------

93 features detected!

Checking for matches...

node 1 checked!...37 matches found!
node 2 checked!...32 matches found!
node 3 checked!...38 matches found!
node 4 checked!...41 matches found!
node 5 checked!...36 matches found!
node 6 checked!...27 matches found!
node 7 checked!...33 matches found!
node 8 checked!...39 matches found!
node 9 checked!...31 matches found!
node 10 checked!...33 matches found!
node 11 checked!...36 matches found!
node 12 checked!...29 matches found!
node 13 checked!...35 matches found!
node 14 checked!...34 matches found!
node 15 checked!...35 matches found!
node 16 checked!...34 matches found!
node 17 checked!...37 matches found!
node 18 checked!...37 matches found!
node 19 checked!...36 matches found!
node 20 checked!...33 matches found!
node 21 checked!...37 matches found!
node 22 checked!...35 matches found!
node 23 checked!...41 matches found!
node 24 checked!...40 matches found!
node 25 checked!...42 matches found!
node 26 checked!...47 matches found!
node 27 checked!...36 matches found!
node 28 checked!...43 matches found!
node 29 checked!...36 matches found!
node 30 checked!...39 matches found!

Voting array
--------------
[37 32 38 41 36 27 33 39 31 33 36 29 35 34 35 34 37 37 36 33 37 35 41 40 42
 47 36 43 36 39]

Putative nodes
------------
[ 4 23 28 26 25]

Best matching node from voting array
-----------------------------------------
26

Presence of query node in putative nodes
-----------------------------------------
Present
```

Node 26 -> query image 27
----

97 features detected!

Checking for matches...

node 1 checked!...31 matches found!
node 2 checked!...34 matches found!
node 3 checked!...37 matches found!
node 4 checked!...39 matches found!
node 5 checked!...43 matches found!
node 6 checked!...34 matches found!
node 7 checked!...31 matches found!
node 8 checked!...37 matches found!
node 9 checked!...35 matches found!
node 10 checked!...35 matches found!
node 11 checked!...37 matches found!
node 12 checked!...37 matches found!
node 13 checked!...40 matches found!
node 14 checked!...37 matches found!
node 15 checked!...33 matches found!
node 16 checked!...31 matches found!
node 17 checked!...41 matches found!
node 18 checked!...38 matches found!
node 19 checked!...35 matches found!
node 20 checked!...31 matches found!
node 21 checked!...42 matches found!
node 22 checked!...32 matches found!
node 23 checked!...38 matches found!
node 24 checked!...38 matches found!
node 25 checked!...29 matches found!
node 26 checked!...35 matches found!
node 27 checked!...41 matches found!
node 28 checked!...38 matches found!
node 29 checked!...40 matches found!
node 30 checked!...39 matches found!

Voting array

[31 34 37 39 43 34 31 37 35 35 37 37 40 37 33 31 41 38 35 31 42 32 38 38 29
 35 41 38 40 39]

Putative nodes

[13 27 21 17 5]

Best matching node from voting array

5

Presence of query node in putative nodes

Absent

Node 26 -> query image 28
----

99 features detected!

Checking for matches...

node 1 checked!...35 matches found!
node 2 checked!...35 matches found!
node 3 checked!...41 matches found!
node 4 checked!...39 matches found!
node 5 checked!...41 matches found!
node 6 checked!...36 matches found!
node 7 checked!...33 matches found!
node 8 checked!...36 matches found!
node 9 checked!...31 matches found!
node 10 checked!...35 matches found!
node 11 checked!...34 matches found!
node 12 checked!...29 matches found!
node 13 checked!...37 matches found!
node 14 checked!...38 matches found!
node 15 checked!...31 matches found!
node 16 checked!...42 matches found!
node 17 checked!...40 matches found!
node 18 checked!...34 matches found!
node 19 checked!...35 matches found!
node 20 checked!...34 matches found!
node 21 checked!...45 matches found!
node 22 checked!...34 matches found!
node 23 checked!...43 matches found!
node 24 checked!...39 matches found!
node 25 checked!...39 matches found!
node 26 checked!...42 matches found!
node 27 checked!...39 matches found!
node 28 checked!...35 matches found!
node 29 checked!...33 matches found!
node 30 checked!...37 matches found!

Voting array

[35 35 41 39 41 36 33 36 31 35 34 29 37 38 31 42 40 34 35 34 45 34 43 39 39
 42 39 35 33 37]

Putative nodes

[3 26 16 23 21]

Best matching node from voting array

21

Presence of query node in putative nodes

Present

Node 26 -> query image 29
----

94 features detected!

Checking for matches...

node 1 checked!...36 matches found!
node 2 checked!...35 matches found!
node 3 checked!...33 matches found!

```
node 4 checked!...34 matches found!
node 5 checked!...33 matches found!
node 6 checked!...35 matches found!
node 7 checked!...31 matches found!
node 8 checked!...40 matches found!
node 9 checked!...34 matches found!
node 10 checked!...37 matches found!
node 11 checked!...36 matches found!
node 12 checked!...34 matches found!
node 13 checked!...37 matches found!
node 14 checked!...36 matches found!
node 15 checked!...35 matches found!
node 16 checked!...42 matches found!
node 17 checked!...43 matches found!
node 18 checked!...41 matches found!
node 19 checked!...28 matches found!
node 20 checked!...35 matches found!
node 21 checked!...41 matches found!
node 22 checked!...29 matches found!
node 23 checked!...43 matches found!
node 24 checked!...41 matches found!
node 25 checked!...36 matches found!
node 26 checked!...46 matches found!
node 27 checked!...42 matches found!
node 28 checked!...40 matches found!
node 29 checked!...35 matches found!
node 30 checked!...35 matches found!

Voting array
--------------
[36 35 33 34 33 35 31 40 34 37 36 34 37 36 35 42 43 41 28 35 41 29 43 41 36
 46 42 40 35 35]

Putative nodes
------------
[16 27 17 26 23]

Best matching node from voting array
----------------------------------------
26

Presence of query node in putative nodes
----------------------------------------
Present


Node 26 -> query image 30
------------------------

94 features detected!

Checking for matches...

node 1 checked!...38 matches found!
node 2 checked!...33 matches found!
node 3 checked!...35 matches found!
node 4 checked!...33 matches found!
node 5 checked!...34 matches found!
node 6 checked!...34 matches found!
node 7 checked!...33 matches found!
node 8 checked!...38 matches found!
node 9 checked!...30 matches found!
```

```
node 10 checked!...36 matches found!
node 11 checked!...34 matches found!
node 12 checked!...34 matches found!
node 13 checked!...33 matches found!
node 14 checked!...35 matches found!
node 15 checked!...35 matches found!
node 16 checked!...40 matches found!
node 17 checked!...37 matches found!
node 18 checked!...38 matches found!
node 19 checked!...30 matches found!
node 20 checked!...32 matches found!
node 21 checked!...41 matches found!
node 22 checked!...30 matches found!
node 23 checked!...41 matches found!
node 24 checked!...40 matches found!
node 25 checked!...39 matches found!
node 26 checked!...44 matches found!
node 27 checked!...39 matches found!
node 28 checked!...36 matches found!
node 29 checked!...33 matches found!
node 30 checked!...35 matches found!


Voting array
--------------
[38 33 35 33 34 34 33 38 30 36 34 34 33 35 35 40 37 38 30 32 41 30 41 40 39
 44 39 36 33 35]

Putative nodes
------------
[16 26 24 21 23]

Best matching node from voting array
----------------------------------------
26

Presence of query node in putative nodes
----------------------------------------
Present


Node 26 -> query image 31
------------------------

86 features detected!

Checking for matches...

node 1 checked!...28 matches found!
node 2 checked!...25 matches found!
node 3 checked!...33 matches found!
node 4 checked!...32 matches found!
node 5 checked!...33 matches found!
node 6 checked!...26 matches found!
node 7 checked!...29 matches found!
node 8 checked!...31 matches found!
node 9 checked!...27 matches found!
node 10 checked!...28 matches found!
node 11 checked!...30 matches found!
node 12 checked!...25 matches found!
node 13 checked!...27 matches found!
node 14 checked!...27 matches found!
node 15 checked!...26 matches found!
```

```
node 16 checked!...32 matches found!
node 17 checked!...35 matches found!
node 18 checked!...26 matches found!
node 19 checked!...28 matches found!
node 20 checked!...25 matches found!
node 21 checked!...27 matches found!
node 22 checked!...28 matches found!
node 23 checked!...34 matches found!
node 24 checked!...33 matches found!
node 25 checked!...32 matches found!
node 26 checked!...32 matches found!
node 27 checked!...34 matches found!
node 28 checked!...33 matches found!
node 29 checked!...29 matches found!
node 30 checked!...34 matches found!

Voting array
--------------
[28 25 33 32 33 26 29 31 27 28 30 25 27 27 26 32 35 26 28 25 27 28 34 33 32
 32 34 33 29 34]

Putative nodes
------------
[24 27 23 17 30]

Best matching node from voting array
----------------------------------------
17

Presence of query node in putative nodes
----------------------------------------
Absent


Node 26 -> query image 32
------------------------

95 features detected!

Checking for matches...

node 1 checked!...32 matches found!
node 2 checked!...29 matches found!
node 3 checked!...33 matches found!
node 4 checked!...35 matches found!
node 5 checked!...37 matches found!
node 6 checked!...29 matches found!
node 7 checked!...26 matches found!
node 8 checked!...30 matches found!
node 9 checked!...32 matches found!
node 10 checked!...29 matches found!
node 11 checked!...38 matches found!
node 12 checked!...33 matches found!
node 13 checked!...32 matches found!
node 14 checked!...34 matches found!
node 15 checked!...30 matches found!
node 16 checked!...26 matches found!
node 17 checked!...42 matches found!
node 18 checked!...34 matches found!
node 19 checked!...31 matches found!
node 20 checked!...29 matches found!
node 21 checked!...37 matches found!
```

```
node 22 checked!...35 matches found!
node 23 checked!...37 matches found!
node 24 checked!...34 matches found!
node 25 checked!...29 matches found!
node 26 checked!...33 matches found!
node 27 checked!...33 matches found!
node 28 checked!...36 matches found!
node 29 checked!...32 matches found!
node 30 checked!...32 matches found!

Voting array
--------------
[32 29 33 35 37 29 26 30 32 29 38 33 32 34 30 26 42 34 31 29 37 35 37 34 29
 33 33 36 32 32]

Putative nodes
------------
[21  5 23 11 17]

Best matching node from voting array
----------------------------------------
17

Presence of query node in putative nodes
----------------------------------------
Absent


Node 26 -> query image 33
------------------------

97 features detected!

Checking for matches...

node 1 checked!...32 matches found!
node 2 checked!...36 matches found!
node 3 checked!...38 matches found!
node 4 checked!...42 matches found!
node 5 checked!...41 matches found!
node 6 checked!...38 matches found!
node 7 checked!...28 matches found!
node 8 checked!...36 matches found!
node 9 checked!...36 matches found!
node 10 checked!...35 matches found!
node 11 checked!...33 matches found!
node 12 checked!...39 matches found!
node 13 checked!...38 matches found!
node 14 checked!...40 matches found!
node 15 checked!...33 matches found!
node 16 checked!...33 matches found!
node 17 checked!...40 matches found!
node 18 checked!...39 matches found!
node 19 checked!...38 matches found!
node 20 checked!...30 matches found!
node 21 checked!...40 matches found!
node 22 checked!...35 matches found!
node 23 checked!...43 matches found!
node 24 checked!...40 matches found!
node 25 checked!...34 matches found!
node 26 checked!...40 matches found!
node 27 checked!...43 matches found!
```

```
node 28 checked!...40 matches found!
node 29 checked!...37 matches found!
node 30 checked!...35 matches found!

Voting array
--------------
[32 36 38 42 41 38 28 36 36 35 33 39 38 40 33 33 40 39 38 30 40 35 43 40 34
 40 43 40 37 35]

Putative nodes
------------
[21  5  4 23 27]

Best matching node from voting array
---------------------------------------
23

Presence of query node in putative nodes
---------------------------------------
Absent


Node 26 -> query image 34
-----------------------

91 features detected!

Checking for matches...

node 1 checked!...36 matches found!
node 2 checked!...37 matches found!
node 3 checked!...41 matches found!
node 4 checked!...40 matches found!
node 5 checked!...43 matches found!
node 6 checked!...38 matches found!
node 7 checked!...33 matches found!
node 8 checked!...36 matches found!
node 9 checked!...32 matches found!
node 10 checked!...34 matches found!
node 11 checked!...37 matches found!
node 12 checked!...30 matches found!
node 13 checked!...40 matches found!
node 14 checked!...36 matches found!
node 15 checked!...28 matches found!
node 16 checked!...38 matches found!
node 17 checked!...40 matches found!
node 18 checked!...38 matches found!
node 19 checked!...36 matches found!
node 20 checked!...36 matches found!
node 21 checked!...42 matches found!
node 22 checked!...35 matches found!
node 23 checked!...42 matches found!
node 24 checked!...35 matches found!
node 25 checked!...39 matches found!
node 26 checked!...44 matches found!
node 27 checked!...40 matches found!
node 28 checked!...39 matches found!
node 29 checked!...31 matches found!
node 30 checked!...34 matches found!

Voting array
--------------
```

```
[36 37 41 40 43 38 33 36 32 34 37 30 40 36 28 38 40 38 36 36 42 35 42 35 39
 44 40 39 31 34]
```

Putative nodes

```
[ 3 21 23 26  5]
```

Best matching node from voting array

26

Presence of query node in putative nodes

Present

Node 26 -> query image 35
----

95 features detected!

Checking for matches...

```
node 1 checked!...37 matches found!
node 2 checked!...35 matches found!
node 3 checked!...37 matches found!
node 4 checked!...35 matches found!
node 5 checked!...33 matches found!
node 6 checked!...35 matches found!
node 7 checked!...35 matches found!
node 8 checked!...41 matches found!
node 9 checked!...32 matches found!
node 10 checked!...37 matches found!
node 11 checked!...37 matches found!
node 12 checked!...34 matches found!
node 13 checked!...34 matches found!
node 14 checked!...37 matches found!
node 15 checked!...36 matches found!
node 16 checked!...43 matches found!
node 17 checked!...39 matches found!
node 18 checked!...39 matches found!
node 19 checked!...33 matches found!
node 20 checked!...33 matches found!
node 21 checked!...42 matches found!
node 22 checked!...31 matches found!
node 23 checked!...43 matches found!
node 24 checked!...44 matches found!
node 25 checked!...40 matches found!
node 26 checked!...47 matches found!
node 27 checked!...40 matches found!
node 28 checked!...37 matches found!
node 29 checked!...35 matches found!
node 30 checked!...36 matches found!
```

Voting array

```
[37 35 37 35 33 35 35 41 32 37 37 34 34 37 36 43 39 39 33 33 42 31 43 44 40
 47 40 37 35 36]
```

Putative nodes

```
[21 26 23 16 24]
```

Best matching node from voting array

26

Presence of query node in putative nodes

Present

Node 26 -> query image 36
----

95 features detected!

Checking for matches...

node 1 checked!...34 matches found!
node 2 checked!...31 matches found!
node 3 checked!...39 matches found!
node 4 checked!...44 matches found!
node 5 checked!...34 matches found!
node 6 checked!...35 matches found!
node 7 checked!...36 matches found!
node 8 checked!...39 matches found!
node 9 checked!...33 matches found!
node 10 checked!...37 matches found!
node 11 checked!...37 matches found!
node 12 checked!...35 matches found!
node 13 checked!...34 matches found!
node 14 checked!...35 matches found!
node 15 checked!...34 matches found!
node 16 checked!...39 matches found!
node 17 checked!...34 matches found!
node 18 checked!...37 matches found!
node 19 checked!...36 matches found!
node 20 checked!...35 matches found!
node 21 checked!...48 matches found!
node 22 checked!...32 matches found!
node 23 checked!...44 matches found!
node 24 checked!...43 matches found!
node 25 checked!...42 matches found!
node 26 checked!...48 matches found!
node 27 checked!...36 matches found!
node 28 checked!...42 matches found!
node 29 checked!...35 matches found!
node 30 checked!...37 matches found!

Voting array

[34 31 39 44 34 35 36 39 33 37 37 35 34 35 34 39 34 37 36 35 48 32 44 43 42
 48 36 42 35 37]

Putative nodes

[24 26 23 21 4]

Best matching node from voting array

21

Presence of query node in putative nodes

Present

Node 26 -> query image 37
----

66 features detected!

Checking for matches...

node 1 checked!...34 matches found!
node 2 checked!...32 matches found!
node 3 checked!...30 matches found!
node 4 checked!...36 matches found!
node 5 checked!...35 matches found!
node 6 checked!...35 matches found!
node 7 checked!...29 matches found!
node 8 checked!...32 matches found!
node 9 checked!...25 matches found!
node 10 checked!...33 matches found!
node 11 checked!...34 matches found!
node 12 checked!...29 matches found!
node 13 checked!...34 matches found!
node 14 checked!...31 matches found!
node 15 checked!...33 matches found!
node 16 checked!...32 matches found!
node 17 checked!...33 matches found!
node 18 checked!...34 matches found!
node 19 checked!...31 matches found!
node 20 checked!...29 matches found!
node 21 checked!...33 matches found!
node 22 checked!...28 matches found!
node 23 checked!...36 matches found!
node 24 checked!...35 matches found!
node 25 checked!...31 matches found!
node 26 checked!...37 matches found!
node 27 checked!...35 matches found!
node 28 checked!...31 matches found!
node 29 checked!...34 matches found!
node 30 checked!...34 matches found!

Voting array

[34 32 30 36 35 35 29 32 25 33 34 29 34 31 33 32 33 34 31 29 33 28 36 35 31
 37 35 31 34 34]

Putative nodes

[6 27 23 4 26]

Best matching node from voting array

26

Presence of query node in putative nodes

Present

Node 26 -> query image 38
----

18 features detected!

Checking for matches...

node 1 checked!...13 matches found!
node 2 checked!...14 matches found!
node 3 checked!...13 matches found!
node 4 checked!...15 matches found!
node 5 checked!...11 matches found!
node 6 checked!...14 matches found!
node 7 checked!...12 matches found!
node 8 checked!...14 matches found!
node 9 checked!...15 matches found!
node 10 checked!...12 matches found!
node 11 checked!...12 matches found!
node 12 checked!...13 matches found!
node 13 checked!...12 matches found!
node 14 checked!...11 matches found!
node 15 checked!...11 matches found!
node 16 checked!...14 matches found!
node 17 checked!...14 matches found!
node 18 checked!...12 matches found!
node 19 checked!...13 matches found!
node 20 checked!...13 matches found!
node 21 checked!...14 matches found!
node 22 checked!...13 matches found!
node 23 checked!...14 matches found!
node 24 checked!...14 matches found!
node 25 checked!...12 matches found!
node 26 checked!...12 matches found!
node 27 checked!...14 matches found!
node 28 checked!...13 matches found!
node 29 checked!...13 matches found!
node 30 checked!...15 matches found!

Voting array

[13 14 13 15 11 14 12 14 15 12 12 13 12 11 11 14 14 12 13 13 14 13 14 14 12
 12 14 13 13 15]

Putative nodes

[21 16 4 9 30]

Best matching node from voting array

4

Presence of query node in putative nodes

Absent

Node 26 -> query image 39
----

0 features detected!

Checking for matches...

node 1 checked!...0 matches found!

```
node 2 checked!...0 matches found!
node 3 checked!...0 matches found!
node 4 checked!...0 matches found!
node 5 checked!...0 matches found!
node 6 checked!...0 matches found!
node 7 checked!...0 matches found!
node 8 checked!...0 matches found!
node 9 checked!...0 matches found!
node 10 checked!...0 matches found!
node 11 checked!...0 matches found!
node 12 checked!...0 matches found!
node 13 checked!...0 matches found!
node 14 checked!...0 matches found!
node 15 checked!...0 matches found!
node 16 checked!...0 matches found!
node 17 checked!...0 matches found!
node 18 checked!...0 matches found!
node 19 checked!...0 matches found!
node 20 checked!...0 matches found!
node 21 checked!...0 matches found!
node 22 checked!...0 matches found!
node 23 checked!...0 matches found!
node 24 checked!...0 matches found!
node 25 checked!...0 matches found!
node 26 checked!...0 matches found!
node 27 checked!...0 matches found!
node 28 checked!...0 matches found!
node 29 checked!...0 matches found!
node 30 checked!...0 matches found!

Voting array
--------------
[0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0]

Unable to predict a matching node and putative nodes!

Node 26 -> query image 40
------------------------

44 features detected!

Checking for matches...

node 1 checked!...16 matches found!
node 2 checked!...19 matches found!
node 3 checked!...19 matches found!
node 4 checked!...18 matches found!
node 5 checked!...20 matches found!
node 6 checked!...16 matches found!
node 7 checked!...18 matches found!
node 8 checked!...18 matches found!
node 9 checked!...19 matches found!
node 10 checked!...17 matches found!
node 11 checked!...17 matches found!
node 12 checked!...17 matches found!
node 13 checked!...20 matches found!
node 14 checked!...14 matches found!
node 15 checked!...16 matches found!
node 16 checked!...16 matches found!
node 17 checked!...16 matches found!
node 18 checked!...21 matches found!
node 19 checked!...11 matches found!
```

```
node 20 checked!...22 matches found!
node 21 checked!...17 matches found!
node 22 checked!...16 matches found!
node 23 checked!...20 matches found!
node 24 checked!...20 matches found!
node 25 checked!...15 matches found!
node 26 checked!...17 matches found!
node 27 checked!...18 matches found!
node 28 checked!...22 matches found!
node 29 checked!...12 matches found!
node 30 checked!...17 matches found!

Voting array
--------------
[16 19 19 18 20 16 18 18 19 17 17 17 20 14 16 16 16 21 11 22 17 16 20 20 15
 17 18 22 12 17]

Putative nodes
------------
[24  5 28 18 20]

Best matching node from voting array
----------------------------------------
20

Presence of query node in putative nodes
----------------------------------------
Absent


 Node 26 testing completed!


Node 27 -> query image 1
-----------------------

0 features detected!

Checking for matches...

node 1 checked!...0 matches found!
node 2 checked!...0 matches found!
node 3 checked!...0 matches found!
node 4 checked!...0 matches found!
node 5 checked!...0 matches found!
node 6 checked!...0 matches found!
node 7 checked!...0 matches found!
node 8 checked!...0 matches found!
node 9 checked!...0 matches found!
node 10 checked!...0 matches found!
node 11 checked!...0 matches found!
node 12 checked!...0 matches found!
node 13 checked!...0 matches found!
node 14 checked!...0 matches found!
node 15 checked!...0 matches found!
node 16 checked!...0 matches found!
node 17 checked!...0 matches found!
node 18 checked!...0 matches found!
node 19 checked!...0 matches found!
node 20 checked!...0 matches found!
node 21 checked!...0 matches found!
node 22 checked!...0 matches found!
```

```
node 23 checked!...0 matches found!
node 24 checked!...0 matches found!
node 25 checked!...0 matches found!
node 26 checked!...0 matches found!
node 27 checked!...0 matches found!
node 28 checked!...0 matches found!
node 29 checked!...0 matches found!
node 30 checked!...0 matches found!

Voting array
--------------
[0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0]

Unable to predict a matching node and putative nodes!

Node 27 -> query image 2
------------------------

77 features detected!

Checking for matches...

node 1 checked!...22 matches found!
node 2 checked!...23 matches found!
node 3 checked!...25 matches found!
node 4 checked!...29 matches found!
node 5 checked!...29 matches found!
node 6 checked!...21 matches found!
node 7 checked!...22 matches found!
node 8 checked!...28 matches found!
node 9 checked!...21 matches found!
node 10 checked!...26 matches found!
node 11 checked!...28 matches found!
node 12 checked!...23 matches found!
node 13 checked!...25 matches found!
node 14 checked!...20 matches found!
node 15 checked!...24 matches found!
node 16 checked!...30 matches found!
node 17 checked!...29 matches found!
node 18 checked!...30 matches found!
node 19 checked!...24 matches found!
node 20 checked!...19 matches found!
node 21 checked!...34 matches found!
node 22 checked!...26 matches found!
node 23 checked!...28 matches found!
node 24 checked!...25 matches found!
node 25 checked!...28 matches found!
node 26 checked!...32 matches found!
node 27 checked!...31 matches found!
node 28 checked!...27 matches found!
node 29 checked!...28 matches found!
node 30 checked!...25 matches found!

Voting array
--------------
[22 23 25 29 29 21 22 28 21 26 28 23 25 20 24 30 29 30 24 19 34 26 28 25 28
 32 31 27 28 25]

Putative nodes
-------------
[18 16 27 21 26]
```

Best matching node from voting array

21

Presence of query node in putative nodes

Present

Node 27 -> query image 3
----

8 features detected!

Checking for matches...

node 1 checked!...3 matches found!
node 2 checked!...3 matches found!
node 3 checked!...3 matches found!
node 4 checked!...3 matches found!
node 5 checked!...3 matches found!
node 6 checked!...3 matches found!
node 7 checked!...3 matches found!
node 8 checked!...3 matches found!
node 9 checked!...3 matches found!
node 10 checked!...3 matches found!
node 11 checked!...3 matches found!
node 12 checked!...3 matches found!
node 13 checked!...3 matches found!
node 14 checked!...3 matches found!
node 15 checked!...3 matches found!
node 16 checked!...3 matches found!
node 17 checked!...3 matches found!
node 18 checked!...3 matches found!
node 19 checked!...3 matches found!
node 20 checked!...3 matches found!
node 21 checked!...3 matches found!
node 22 checked!...3 matches found!
node 23 checked!...3 matches found!
node 24 checked!...3 matches found!
node 25 checked!...3 matches found!
node 26 checked!...3 matches found!
node 27 checked!...3 matches found!
node 28 checked!...3 matches found!
node 29 checked!...3 matches found!
node 30 checked!...3 matches found!

Voting array

[3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3]

Putative nodes

[11 14 12 10 30]

Best matching node from voting array

1

Presence of query node in putative nodes

Absent

Node 27 -> query image 4
----

25 features detected!

Checking for matches...

node 1 checked!...18 matches found!
node 2 checked!...20 matches found!
node 3 checked!...19 matches found!
node 4 checked!...20 matches found!
node 5 checked!...19 matches found!
node 6 checked!...15 matches found!
node 7 checked!...18 matches found!
node 8 checked!...21 matches found!
node 9 checked!...19 matches found!
node 10 checked!...20 matches found!
node 11 checked!...19 matches found!
node 12 checked!...17 matches found!
node 13 checked!...19 matches found!
node 14 checked!...22 matches found!
node 15 checked!...17 matches found!
node 16 checked!...22 matches found!
node 17 checked!...21 matches found!
node 18 checked!...19 matches found!
node 19 checked!...20 matches found!
node 20 checked!...19 matches found!
node 21 checked!...22 matches found!
node 22 checked!...18 matches found!
node 23 checked!...17 matches found!
node 24 checked!...20 matches found!
node 25 checked!...15 matches found!
node 26 checked!...22 matches found!
node 27 checked!...20 matches found!
node 28 checked!...20 matches found!
node 29 checked!...18 matches found!
node 30 checked!...18 matches found!

Voting array

[18 20 19 20 19 15 18 21 19 20 19 17 19 22 17 22 21 19 20 19 22 18 17 20 15
 22 20 20 18 18]

Putative nodes

[17 21 26 14 16]

Best matching node from voting array

14

Presence of query node in putative nodes

Absent

Node 27 -> query image 5
----

64 features detected!

Checking for matches...

node 1 checked!...30 matches found!
node 2 checked!...30 matches found!
node 3 checked!...32 matches found!
node 4 checked!...33 matches found!
node 5 checked!...32 matches found!
node 6 checked!...26 matches found!
node 7 checked!...26 matches found!
node 8 checked!...32 matches found!
node 9 checked!...30 matches found!
node 10 checked!...30 matches found!
node 11 checked!...23 matches found!
node 12 checked!...28 matches found!
node 13 checked!...28 matches found!
node 14 checked!...27 matches found!
node 15 checked!...26 matches found!
node 16 checked!...28 matches found!
node 17 checked!...32 matches found!
node 18 checked!...30 matches found!
node 19 checked!...33 matches found!
node 20 checked!...30 matches found!
node 21 checked!...34 matches found!
node 22 checked!...30 matches found!
node 23 checked!...34 matches found!
node 24 checked!...34 matches found!
node 25 checked!...33 matches found!
node 26 checked!...31 matches found!
node 27 checked!...30 matches found!
node 28 checked!...32 matches found!
node 29 checked!...31 matches found!
node 30 checked!...33 matches found!

Voting array

[30 30 32 33 32 26 26 32 30 30 23 28 28 27 26 28 32 30 33 30 34 30 34 34 33
 31 30 32 31 33]

Putative nodes

[19 30 24 23 21]

Best matching node from voting array

21

Presence of query node in putative nodes

Absent

Node 27 -> query image 6
----

37 features detected!

Checking for matches...

node 1 checked!...24 matches found!
node 2 checked!...23 matches found!
node 3 checked!...24 matches found!

```
node 4 checked!...25 matches found!
node 5 checked!...26 matches found!
node 6 checked!...23 matches found!
node 7 checked!...23 matches found!
node 8 checked!...24 matches found!
node 9 checked!...20 matches found!
node 10 checked!...23 matches found!
node 11 checked!...25 matches found!
node 12 checked!...22 matches found!
node 13 checked!...24 matches found!
node 14 checked!...24 matches found!
node 15 checked!...22 matches found!
node 16 checked!...25 matches found!
node 17 checked!...30 matches found!
node 18 checked!...26 matches found!
node 19 checked!...23 matches found!
node 20 checked!...20 matches found!
node 21 checked!...24 matches found!
node 22 checked!...23 matches found!
node 23 checked!...25 matches found!
node 24 checked!...23 matches found!
node 25 checked!...28 matches found!
node 26 checked!...26 matches found!
node 27 checked!...29 matches found!
node 28 checked!...22 matches found!
node 29 checked!...24 matches found!
node 30 checked!...26 matches found!

Voting array
--------------
[24 23 24 25 26 23 23 24 20 23 25 22 24 24 22 25 30 26 23 20 24 23 25 23 28
 26 29 22 24 26]

Putative nodes
------------
[30 27  5 25 17]

Best matching node from voting array
----------------------------------------
17

Presence of query node in putative nodes
----------------------------------------
Present


Node 27 -> query image 7
------------------------

51 features detected!

Checking for matches...

node 1 checked!...24 matches found!
node 2 checked!...23 matches found!
node 3 checked!...25 matches found!
node 4 checked!...30 matches found!
node 5 checked!...26 matches found!
node 6 checked!...21 matches found!
node 7 checked!...23 matches found!
node 8 checked!...24 matches found!
node 9 checked!...22 matches found!
```

```
node 10 checked!...27 matches found!
node 11 checked!...25 matches found!
node 12 checked!...25 matches found!
node 13 checked!...20 matches found!
node 14 checked!...28 matches found!
node 15 checked!...24 matches found!
node 16 checked!...27 matches found!
node 17 checked!...23 matches found!
node 18 checked!...27 matches found!
node 19 checked!...25 matches found!
node 20 checked!...26 matches found!
node 21 checked!...29 matches found!
node 22 checked!...26 matches found!
node 23 checked!...30 matches found!
node 24 checked!...25 matches found!
node 25 checked!...26 matches found!
node 26 checked!...20 matches found!
node 27 checked!...27 matches found!
node 28 checked!...28 matches found!
node 29 checked!...27 matches found!
node 30 checked!...28 matches found!


Voting array
--------------
[24 23 25 30 26 21 23 24 22 27 25 25 20 28 24 27 23 27 25 26 29 26 30 25 26
 20 27 28 27 28]

Putative nodes
------------
[30 28 21 23  4]

Best matching node from voting array
----------------------------------------
4

Presence of query node in putative nodes
----------------------------------------
Absent


Node 27 -> query image 8
-----------------------

0 features detected!

Checking for matches...

node 1 checked!...0 matches found!
node 2 checked!...0 matches found!
node 3 checked!...0 matches found!
node 4 checked!...0 matches found!
node 5 checked!...0 matches found!
node 6 checked!...0 matches found!
node 7 checked!...0 matches found!
node 8 checked!...0 matches found!
node 9 checked!...0 matches found!
node 10 checked!...0 matches found!
node 11 checked!...0 matches found!
node 12 checked!...0 matches found!
node 13 checked!...0 matches found!
node 14 checked!...0 matches found!
node 15 checked!...0 matches found!
```

```
node 16 checked!...0 matches found!
node 17 checked!...0 matches found!
node 18 checked!...0 matches found!
node 19 checked!...0 matches found!
node 20 checked!...0 matches found!
node 21 checked!...0 matches found!
node 22 checked!...0 matches found!
node 23 checked!...0 matches found!
node 24 checked!...0 matches found!
node 25 checked!...0 matches found!
node 26 checked!...0 matches found!
node 27 checked!...0 matches found!
node 28 checked!...0 matches found!
node 29 checked!...0 matches found!
node 30 checked!...0 matches found!

Voting array
--------------
[0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0]

Unable to predict a matching node and putative nodes!

Node 27 -> query image 9
-----------------------

98 features detected!

Checking for matches...

node 1 checked!...33 matches found!
node 2 checked!...35 matches found!
node 3 checked!...34 matches found!
node 4 checked!...40 matches found!
node 5 checked!...35 matches found!
node 6 checked!...29 matches found!
node 7 checked!...30 matches found!
node 8 checked!...32 matches found!
node 9 checked!...31 matches found!
node 10 checked!...31 matches found!
node 11 checked!...33 matches found!
node 12 checked!...31 matches found!
node 13 checked!...35 matches found!
node 14 checked!...39 matches found!
node 15 checked!...34 matches found!
node 16 checked!...34 matches found!
node 17 checked!...35 matches found!
node 18 checked!...37 matches found!
node 19 checked!...33 matches found!
node 20 checked!...29 matches found!
node 21 checked!...40 matches found!
node 22 checked!...33 matches found!
node 23 checked!...41 matches found!
node 24 checked!...41 matches found!
node 25 checked!...35 matches found!
node 26 checked!...42 matches found!
node 27 checked!...33 matches found!
node 28 checked!...36 matches found!
node 29 checked!...33 matches found!
node 30 checked!...38 matches found!

Voting array
--------------
```

[33 35 34 40 35 29 30 32 31 31 33 31 35 39 34 34 35 37 33 29 40 33 41 41 35
 42 33 36 33 38]

Putative nodes

[21 4 24 26 23]

Best matching node from voting array

26

Presence of query node in putative nodes

Absent

Node 27 -> query image 10
----

93 features detected!

Checking for matches...

node 1 checked!...28 matches found!
node 2 checked!...33 matches found!
node 3 checked!...34 matches found!
node 4 checked!...38 matches found!
node 5 checked!...37 matches found!
node 6 checked!...33 matches found!
node 7 checked!...37 matches found!
node 8 checked!...37 matches found!
node 9 checked!...33 matches found!
node 10 checked!...32 matches found!
node 11 checked!...31 matches found!
node 12 checked!...33 matches found!
node 13 checked!...36 matches found!
node 14 checked!...34 matches found!
node 15 checked!...35 matches found!
node 16 checked!...38 matches found!
node 17 checked!...36 matches found!
node 18 checked!...41 matches found!
node 19 checked!...35 matches found!
node 20 checked!...34 matches found!
node 21 checked!...39 matches found!
node 22 checked!...32 matches found!
node 23 checked!...43 matches found!
node 24 checked!...45 matches found!
node 25 checked!...38 matches found!
node 26 checked!...36 matches found!
node 27 checked!...40 matches found!
node 28 checked!...39 matches found!
node 29 checked!...40 matches found!
node 30 checked!...36 matches found!

Voting array

[28 33 34 38 37 33 37 37 33 32 31 33 36 34 35 38 36 41 35 34 39 32 43 45 38
 36 40 39 40 36]

Putative nodes

[29 27 18 23 24]

Best matching node from voting array

24

Presence of query node in putative nodes

Present

Node 27 -> query image 11
----

93 features detected!

Checking for matches...

node 1 checked!...36 matches found!
node 2 checked!...33 matches found!
node 3 checked!...37 matches found!
node 4 checked!...38 matches found!
node 5 checked!...34 matches found!
node 6 checked!...28 matches found!
node 7 checked!...29 matches found!
node 8 checked!...34 matches found!
node 9 checked!...31 matches found!
node 10 checked!...35 matches found!
node 11 checked!...34 matches found!
node 12 checked!...33 matches found!
node 13 checked!...32 matches found!
node 14 checked!...33 matches found!
node 15 checked!...32 matches found!
node 16 checked!...35 matches found!
node 17 checked!...38 matches found!
node 18 checked!...33 matches found!
node 19 checked!...34 matches found!
node 20 checked!...33 matches found!
node 21 checked!...33 matches found!
node 22 checked!...29 matches found!
node 23 checked!...38 matches found!
node 24 checked!...33 matches found!
node 25 checked!...32 matches found!
node 26 checked!...32 matches found!
node 27 checked!...34 matches found!
node 28 checked!...35 matches found!
node 29 checked!...27 matches found!
node 30 checked!...40 matches found!

Voting array

[36 33 37 38 34 28 29 34 31 35 34 33 32 33 32 35 38 33 34 33 33 29 38 33 32
 32 34 35 27 40]

Putative nodes

[3 4 23 17 30]

Best matching node from voting array

30

Presence of query node in putative nodes

```
----------------------------------------
Absent


Node 27 -> query image 12
------------------------

59 features detected!

Checking for matches...

node 1 checked!...22 matches found!
node 2 checked!...27 matches found!
node 3 checked!...23 matches found!
node 4 checked!...24 matches found!
node 5 checked!...25 matches found!
node 6 checked!...19 matches found!
node 7 checked!...21 matches found!
node 8 checked!...23 matches found!
node 9 checked!...19 matches found!
node 10 checked!...22 matches found!
node 11 checked!...25 matches found!
node 12 checked!...24 matches found!
node 13 checked!...22 matches found!
node 14 checked!...21 matches found!
node 15 checked!...17 matches found!
node 16 checked!...24 matches found!
node 17 checked!...20 matches found!
node 18 checked!...20 matches found!
node 19 checked!...22 matches found!
node 20 checked!...20 matches found!
node 21 checked!...23 matches found!
node 22 checked!...18 matches found!
node 23 checked!...27 matches found!
node 24 checked!...23 matches found!
node 25 checked!...20 matches found!
node 26 checked!...20 matches found!
node 27 checked!...23 matches found!
node 28 checked!...22 matches found!
node 29 checked!...16 matches found!
node 30 checked!...18 matches found!

Voting array
--------------
[22 27 23 24 25 19 21 23 19 22 25 24 22 21 17 24 20 20 22 20 23 18 27 23 20
 20 23 22 16 18]

Putative nodes
------------
[16  5 11  2 23]

Best matching node from voting array
----------------------------------------
2

Presence of query node in putative nodes
----------------------------------------
Absent


Node 27 -> query image 13
------------------------
```

94 features detected!

Checking for matches...

node 1 checked!...35 matches found!
node 2 checked!...38 matches found!
node 3 checked!...37 matches found!
node 4 checked!...35 matches found!
node 5 checked!...33 matches found!
node 6 checked!...33 matches found!
node 7 checked!...36 matches found!
node 8 checked!...42 matches found!
node 9 checked!...37 matches found!
node 10 checked!...40 matches found!
node 11 checked!...37 matches found!
node 12 checked!...32 matches found!
node 13 checked!...41 matches found!
node 14 checked!...35 matches found!
node 15 checked!...36 matches found!
node 16 checked!...41 matches found!
node 17 checked!...37 matches found!
node 18 checked!...40 matches found!
node 19 checked!...33 matches found!
node 20 checked!...34 matches found!
node 21 checked!...38 matches found!
node 22 checked!...38 matches found!
node 23 checked!...43 matches found!
node 24 checked!...39 matches found!
node 25 checked!...38 matches found!
node 26 checked!...39 matches found!
node 27 checked!...38 matches found!
node 28 checked!...30 matches found!
node 29 checked!...35 matches found!
node 30 checked!...41 matches found!

Voting array

[35 38 37 35 33 33 36 42 37 40 37 32 41 35 36 41 37 40 33 34 38 38 43 39 38
 39 38 30 35 41]

Putative nodes

[13 16 8 23 30]

Best matching node from voting array

23

Presence of query node in putative nodes

Absent

Node 27 -> query image 14
----

85 features detected!

Checking for matches...

node 1 checked!...32 matches found!

```
node 2 checked!...31 matches found!
node 3 checked!...36 matches found!
node 4 checked!...38 matches found!
node 5 checked!...34 matches found!
node 6 checked!...33 matches found!
node 7 checked!...31 matches found!
node 8 checked!...35 matches found!
node 9 checked!...31 matches found!
node 10 checked!...35 matches found!
node 11 checked!...32 matches found!
node 12 checked!...27 matches found!
node 13 checked!...35 matches found!
node 14 checked!...33 matches found!
node 15 checked!...34 matches found!
node 16 checked!...39 matches found!
node 17 checked!...37 matches found!
node 18 checked!...33 matches found!
node 19 checked!...32 matches found!
node 20 checked!...27 matches found!
node 21 checked!...40 matches found!
node 22 checked!...35 matches found!
node 23 checked!...39 matches found!
node 24 checked!...38 matches found!
node 25 checked!...34 matches found!
node 26 checked!...37 matches found!
node 27 checked!...37 matches found!
node 28 checked!...35 matches found!
node 29 checked!...36 matches found!
node 30 checked!...36 matches found!

Voting array
--------------
[32 31 36 38 34 33 31 35 31 35 32 27 35 33 34 39 37 33 32 27 40 35 39 38 34
 37 37 35 36 36]

Putative nodes
------------
[24  4 16 21 23]

Best matching node from voting array
----------------------------------------
21

Presence of query node in putative nodes
----------------------------------------
Absent


Node 27 -> query image 15
------------------------

5 features detected!

Checking for matches...

node 1 checked!...4 matches found!
node 2 checked!...4 matches found!
node 3 checked!...4 matches found!
node 4 checked!...4 matches found!
node 5 checked!...4 matches found!
node 6 checked!...4 matches found!
node 7 checked!...4 matches found!
```

```
node 8 checked!...4 matches found!
node 9 checked!...4 matches found!
node 10 checked!...4 matches found!
node 11 checked!...4 matches found!
node 12 checked!...4 matches found!
node 13 checked!...4 matches found!
node 14 checked!...4 matches found!
node 15 checked!...4 matches found!
node 16 checked!...4 matches found!
node 17 checked!...4 matches found!
node 18 checked!...4 matches found!
node 19 checked!...4 matches found!
node 20 checked!...4 matches found!
node 21 checked!...4 matches found!
node 22 checked!...4 matches found!
node 23 checked!...4 matches found!
node 24 checked!...4 matches found!
node 25 checked!...4 matches found!
node 26 checked!...4 matches found!
node 27 checked!...4 matches found!
node 28 checked!...4 matches found!
node 29 checked!...4 matches found!
node 30 checked!...4 matches found!

Voting array
--------------
[4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4]

Putative nodes
-------------
[11 14 12 10 30]

Best matching node from voting array
----------------------------------------
1

Presence of query node in putative nodes
----------------------------------------
Absent


Node 27 -> query image 16
-------------------------

54 features detected!

Checking for matches...

node 1 checked!...24 matches found!
node 2 checked!...20 matches found!
node 3 checked!...26 matches found!
node 4 checked!...33 matches found!
node 5 checked!...26 matches found!
node 6 checked!...24 matches found!
node 7 checked!...24 matches found!
node 8 checked!...24 matches found!
node 9 checked!...24 matches found!
node 10 checked!...28 matches found!
node 11 checked!...23 matches found!
node 12 checked!...27 matches found!
node 13 checked!...24 matches found!
node 14 checked!...26 matches found!
```

```
node 15 checked!...22 matches found!
node 16 checked!...27 matches found!
node 17 checked!...30 matches found!
node 18 checked!...29 matches found!
node 19 checked!...28 matches found!
node 20 checked!...25 matches found!
node 21 checked!...27 matches found!
node 22 checked!...23 matches found!
node 23 checked!...23 matches found!
node 24 checked!...30 matches found!
node 25 checked!...27 matches found!
node 26 checked!...24 matches found!
node 27 checked!...23 matches found!
node 28 checked!...28 matches found!
node 29 checked!...23 matches found!
node 30 checked!...32 matches found!
```

Voting array

```
[24 20 26 33 26 24 24 24 24 28 23 27 24 26 22 27 30 29 28 25 27 23 23 30 27
 24 23 28 23 32]
```

Putative nodes

```
[18 17 24 30  4]
```

Best matching node from voting array

4

Presence of query node in putative nodes

Absent

Node 27 -> query image 17
----

94 features detected!

Checking for matches...

```
node 1 checked!...36 matches found!
node 2 checked!...30 matches found!
node 3 checked!...32 matches found!
node 4 checked!...35 matches found!
node 5 checked!...33 matches found!
node 6 checked!...30 matches found!
node 7 checked!...30 matches found!
node 8 checked!...37 matches found!
node 9 checked!...26 matches found!
node 10 checked!...36 matches found!
node 11 checked!...29 matches found!
node 12 checked!...33 matches found!
node 13 checked!...31 matches found!
node 14 checked!...32 matches found!
node 15 checked!...30 matches found!
node 16 checked!...31 matches found!
node 17 checked!...38 matches found!
node 18 checked!...34 matches found!
node 19 checked!...32 matches found!
node 20 checked!...36 matches found!
```

```
node 21 checked!...31 matches found!
node 22 checked!...33 matches found!
node 23 checked!...34 matches found!
node 24 checked!...33 matches found!
node 25 checked!...34 matches found!
node 26 checked!...35 matches found!
node 27 checked!...33 matches found!
node 28 checked!...32 matches found!
node 29 checked!...30 matches found!
node 30 checked!...29 matches found!


Voting array
--------------
[36 30 32 35 33 30 30 37 26 36 29 33 31 32 30 31 38 34 32 36 31 33 34 33 34
 35 33 32 30 29]

Putative nodes
------------
[ 1 20 17 10  8]

Best matching node from voting array
----------------------------------------
17

Presence of query node in putative nodes
----------------------------------------
Absent


Node 27 -> query image 18
------------------------

98 features detected!

Checking for matches...

node 1 checked!...36 matches found!
node 2 checked!...37 matches found!
node 3 checked!...37 matches found!
node 4 checked!...37 matches found!
node 5 checked!...34 matches found!
node 6 checked!...34 matches found!
node 7 checked!...35 matches found!
node 8 checked!...44 matches found!
node 9 checked!...34 matches found!
node 10 checked!...41 matches found!
node 11 checked!...35 matches found!
node 12 checked!...34 matches found!
node 13 checked!...42 matches found!
node 14 checked!...37 matches found!
node 15 checked!...33 matches found!
node 16 checked!...38 matches found!
node 17 checked!...35 matches found!
node 18 checked!...39 matches found!
node 19 checked!...35 matches found!
node 20 checked!...30 matches found!
node 21 checked!...38 matches found!
node 22 checked!...36 matches found!
node 23 checked!...39 matches found!
node 24 checked!...41 matches found!
node 25 checked!...37 matches found!
node 26 checked!...37 matches found!
```

```
node 27 checked!...38 matches found!
node 28 checked!...36 matches found!
node 29 checked!...34 matches found!
node 30 checked!...39 matches found!

Voting array
--------------
[36 37 37 37 34 34 35 44 34 41 35 34 42 37 33 38 35 39 35 30 38 36 39 41 37
 37 38 36 34 39]

Putative nodes
------------
[18 10 24 13  8]

Best matching node from voting array
----------------------------------------
8

Presence of query node in putative nodes
----------------------------------------
Absent


Node 27 -> query image 19
-----------------------

93 features detected!

Checking for matches...

node 1 checked!...36 matches found!
node 2 checked!...30 matches found!
node 3 checked!...32 matches found!
node 4 checked!...38 matches found!
node 5 checked!...35 matches found!
node 6 checked!...34 matches found!
node 7 checked!...34 matches found!
node 8 checked!...34 matches found!
node 9 checked!...33 matches found!
node 10 checked!...29 matches found!
node 11 checked!...36 matches found!
node 12 checked!...34 matches found!
node 13 checked!...35 matches found!
node 14 checked!...38 matches found!
node 15 checked!...33 matches found!
node 16 checked!...38 matches found!
node 17 checked!...43 matches found!
node 18 checked!...35 matches found!
node 19 checked!...34 matches found!
node 20 checked!...34 matches found!
node 21 checked!...39 matches found!
node 22 checked!...32 matches found!
node 23 checked!...43 matches found!
node 24 checked!...39 matches found!
node 25 checked!...38 matches found!
node 26 checked!...37 matches found!
node 27 checked!...37 matches found!
node 28 checked!...36 matches found!
node 29 checked!...33 matches found!
node 30 checked!...38 matches found!

Voting array
```

```
--------------
[36 30 32 38 35 34 34 34 33 29 36 34 35 38 33 38 43 35 34 34 39 32 43 39 38
 37 37 36 33 38]
```

Putative nodes

```
[14 24 23 21 17]
```

Best matching node from voting array

17

Presence of query node in putative nodes

Absent

Node 27 -> query image 20
----

97 features detected!

Checking for matches...

```
node 1 checked!...31 matches found!
node 2 checked!...32 matches found!
node 3 checked!...36 matches found!
node 4 checked!...39 matches found!
node 5 checked!...37 matches found!
node 6 checked!...32 matches found!
node 7 checked!...35 matches found!
node 8 checked!...34 matches found!
node 9 checked!...31 matches found!
node 10 checked!...32 matches found!
node 11 checked!...29 matches found!
node 12 checked!...33 matches found!
node 13 checked!...37 matches found!
node 14 checked!...36 matches found!
node 15 checked!...35 matches found!
node 16 checked!...36 matches found!
node 17 checked!...37 matches found!
node 18 checked!...38 matches found!
node 19 checked!...33 matches found!
node 20 checked!...36 matches found!
node 21 checked!...42 matches found!
node 22 checked!...32 matches found!
node 23 checked!...44 matches found!
node 24 checked!...40 matches found!
node 25 checked!...38 matches found!
node 26 checked!...35 matches found!
node 27 checked!...44 matches found!
node 28 checked!...39 matches found!
node 29 checked!...38 matches found!
node 30 checked!...37 matches found!
```

Voting array

```
[31 32 36 39 37 32 35 34 31 32 29 33 37 36 35 36 37 38 33 36 42 32 44 40 38
 35 44 39 38 37]
```

Putative nodes

[28 24 21 23 27]

Best matching node from voting array

23

Presence of query node in putative nodes

Present

Node 27 -> query image 21
----

90 features detected!

Checking for matches...

node 1 checked!...36 matches found!
node 2 checked!...31 matches found!
node 3 checked!...32 matches found!
node 4 checked!...36 matches found!
node 5 checked!...37 matches found!
node 6 checked!...30 matches found!
node 7 checked!...33 matches found!
node 8 checked!...35 matches found!
node 9 checked!...29 matches found!
node 10 checked!...36 matches found!
node 11 checked!...34 matches found!
node 12 checked!...34 matches found!
node 13 checked!...33 matches found!
node 14 checked!...32 matches found!
node 15 checked!...33 matches found!
node 16 checked!...34 matches found!
node 17 checked!...39 matches found!
node 18 checked!...37 matches found!
node 19 checked!...32 matches found!
node 20 checked!...38 matches found!
node 21 checked!...33 matches found!
node 22 checked!...28 matches found!
node 23 checked!...35 matches found!
node 24 checked!...38 matches found!
node 25 checked!...33 matches found!
node 26 checked!...37 matches found!
node 27 checked!...38 matches found!
node 28 checked!...32 matches found!
node 29 checked!...28 matches found!
node 30 checked!...36 matches found!

Voting array

[36 31 32 36 37 30 33 35 29 36 34 34 33 32 33 34 39 37 32 38 33 28 35 38 33
 37 38 32 28 36]

Putative nodes

[26 27 24 17 20]

Best matching node from voting array

17

Presence of query node in putative nodes

Present

Node 27 -> query image 22
----

100 features detected!

Checking for matches...

node 1 checked!...37 matches found!
node 2 checked!...36 matches found!
node 3 checked!...39 matches found!
node 4 checked!...41 matches found!
node 5 checked!...33 matches found!
node 6 checked!...33 matches found!
node 7 checked!...39 matches found!
node 8 checked!...40 matches found!
node 9 checked!...31 matches found!
node 10 checked!...39 matches found!
node 11 checked!...39 matches found!
node 12 checked!...33 matches found!
node 13 checked!...41 matches found!
node 14 checked!...36 matches found!
node 15 checked!...35 matches found!
node 16 checked!...36 matches found!
node 17 checked!...32 matches found!
node 18 checked!...37 matches found!
node 19 checked!...38 matches found!
node 20 checked!...31 matches found!
node 21 checked!...37 matches found!
node 22 checked!...35 matches found!
node 23 checked!...40 matches found!
node 24 checked!...42 matches found!
node 25 checked!...35 matches found!
node 26 checked!...39 matches found!
node 27 checked!...39 matches found!
node 28 checked!...35 matches found!
node 29 checked!...33 matches found!
node 30 checked!...42 matches found!

Voting array

[37 36 39 41 33 33 39 40 31 39 39 33 41 36 35 36 32 37 38 31 37 35 40 42 35
 39 39 35 33 42]

Putative nodes

[8 13 4 24 30]

Best matching node from voting array

24

Presence of query node in putative nodes

Absent

Node 27 -> query image 23

----

92 features detected!

Checking for matches...

node 1 checked!...34 matches found!
node 2 checked!...36 matches found!
node 3 checked!...38 matches found!
node 4 checked!...42 matches found!
node 5 checked!...36 matches found!
node 6 checked!...36 matches found!
node 7 checked!...37 matches found!
node 8 checked!...43 matches found!
node 9 checked!...35 matches found!
node 10 checked!...38 matches found!
node 11 checked!...36 matches found!
node 12 checked!...35 matches found!
node 13 checked!...40 matches found!
node 14 checked!...38 matches found!
node 15 checked!...39 matches found!
node 16 checked!...40 matches found!
node 17 checked!...34 matches found!
node 18 checked!...35 matches found!
node 19 checked!...37 matches found!
node 20 checked!...34 matches found!
node 21 checked!...39 matches found!
node 22 checked!...36 matches found!
node 23 checked!...39 matches found!
node 24 checked!...45 matches found!
node 25 checked!...36 matches found!
node 26 checked!...38 matches found!
node 27 checked!...44 matches found!
node 28 checked!...39 matches found!
node 29 checked!...34 matches found!
node 30 checked!...39 matches found!

Voting array

[34 36 38 42 36 36 37 43 35 38 36 35 40 38 39 40 34 35 37 34 39 36 39 45 36
 38 44 39 34 39]

Putative nodes

[16 24 8 4 27]

Best matching node from voting array

24

Presence of query node in putative nodes

Present

Node 27 -> query image 24
----

90 features detected!

Checking for matches...

```
node 1 checked!...34 matches found!
node 2 checked!...31 matches found!
node 3 checked!...33 matches found!
node 4 checked!...41 matches found!
node 5 checked!...36 matches found!
node 6 checked!...32 matches found!
node 7 checked!...32 matches found!
node 8 checked!...35 matches found!
node 9 checked!...31 matches found!
node 10 checked!...26 matches found!
node 11 checked!...32 matches found!
node 12 checked!...28 matches found!
node 13 checked!...31 matches found!
node 14 checked!...34 matches found!
node 15 checked!...35 matches found!
node 16 checked!...36 matches found!
node 17 checked!...39 matches found!
node 18 checked!...33 matches found!
node 19 checked!...37 matches found!
node 20 checked!...32 matches found!
node 21 checked!...39 matches found!
node 22 checked!...35 matches found!
node 23 checked!...40 matches found!
node 24 checked!...38 matches found!
node 25 checked!...38 matches found!
node 26 checked!...36 matches found!
node 27 checked!...33 matches found!
node 28 checked!...37 matches found!
node 29 checked!...37 matches found!
node 30 checked!...42 matches found!
```

Voting array

[34 31 33 41 36 32 32 35 31 26 32 28 31 34 35 36 39 33 37 32 39 35 40 38 38
 36 33 37 37 42]

Putative nodes

[21 17 23 4 30]

Best matching node from voting array

30

Presence of query node in putative nodes

Absent

Node 27 -> query image 25
----

99 features detected!

Checking for matches...

```
node 1 checked!...31 matches found!
node 2 checked!...33 matches found!
node 3 checked!...36 matches found!
node 4 checked!...41 matches found!
node 5 checked!...41 matches found!
node 6 checked!...35 matches found!
```

```
node 7 checked!...36 matches found!
node 8 checked!...35 matches found!
node 9 checked!...31 matches found!
node 10 checked!...34 matches found!
node 11 checked!...32 matches found!
node 12 checked!...35 matches found!
node 13 checked!...37 matches found!
node 14 checked!...39 matches found!
node 15 checked!...35 matches found!
node 16 checked!...36 matches found!
node 17 checked!...36 matches found!
node 18 checked!...39 matches found!
node 19 checked!...34 matches found!
node 20 checked!...39 matches found!
node 21 checked!...42 matches found!
node 22 checked!...34 matches found!
node 23 checked!...44 matches found!
node 24 checked!...42 matches found!
node 25 checked!...39 matches found!
node 26 checked!...35 matches found!
node 27 checked!...45 matches found!
node 28 checked!...38 matches found!
node 29 checked!...40 matches found!
node 30 checked!...37 matches found!


Voting array
--------------
[31 33 36 41 41 35 36 35 31 34 32 35 37 39 35 36 36 39 34 39 42 34 44 42 39
 35 45 38 40 37]

Putative nodes
------------
[ 4 21 24 27 23]

Best matching node from voting array
---------------------------------------
27

Presence of query node in putative nodes
---------------------------------------
Present


Node 27 -> query image 26
-----------------------

96 features detected!

Checking for matches...

node 1 checked!...32 matches found!
node 2 checked!...35 matches found!
node 3 checked!...35 matches found!
node 4 checked!...38 matches found!
node 5 checked!...42 matches found!
node 6 checked!...32 matches found!
node 7 checked!...31 matches found!
node 8 checked!...38 matches found!
node 9 checked!...32 matches found!
node 10 checked!...31 matches found!
node 11 checked!...39 matches found!
node 12 checked!...38 matches found!
```

```
node 13 checked!...40 matches found!
node 14 checked!...37 matches found!
node 15 checked!...37 matches found!
node 16 checked!...36 matches found!
node 17 checked!...38 matches found!
node 18 checked!...38 matches found!
node 19 checked!...34 matches found!
node 20 checked!...37 matches found!
node 21 checked!...38 matches found!
node 22 checked!...33 matches found!
node 23 checked!...35 matches found!
node 24 checked!...39 matches found!
node 25 checked!...30 matches found!
node 26 checked!...37 matches found!
node 27 checked!...45 matches found!
node 28 checked!...37 matches found!
node 29 checked!...34 matches found!
node 30 checked!...36 matches found!


Voting array
--------------
[32 35 35 38 42 32 31 38 32 31 39 38 40 37 37 36 38 38 34 37 38 33 35 39 30
 37 45 37 34 36]

Putative nodes
------------
[11 27 24 13  5]

Best matching node from voting array
----------------------------------------
27

Presence of query node in putative nodes
----------------------------------------
Present


Node 27 -> query image 27
------------------------

95 features detected!

Checking for matches...

node 1 checked!...35 matches found!
node 2 checked!...33 matches found!
node 3 checked!...33 matches found!
node 4 checked!...33 matches found!
node 5 checked!...36 matches found!
node 6 checked!...32 matches found!
node 7 checked!...32 matches found!
node 8 checked!...31 matches found!
node 9 checked!...28 matches found!
node 10 checked!...36 matches found!
node 11 checked!...32 matches found!
node 12 checked!...34 matches found!
node 13 checked!...35 matches found!
node 14 checked!...34 matches found!
node 15 checked!...33 matches found!
node 16 checked!...35 matches found!
node 17 checked!...39 matches found!
node 18 checked!...38 matches found!
```

```
node 19 checked!...31 matches found!
node 20 checked!...36 matches found!
node 21 checked!...36 matches found!
node 22 checked!...33 matches found!
node 23 checked!...35 matches found!
node 24 checked!...34 matches found!
node 25 checked!...32 matches found!
node 26 checked!...37 matches found!
node 27 checked!...39 matches found!
node 28 checked!...39 matches found!
node 29 checked!...32 matches found!
node 30 checked!...31 matches found!

Voting array
--------------
[35 33 33 33 36 32 32 31 28 36 32 34 35 34 33 35 39 38 31 36 36 33 35 34 32
 37 39 39 32 31]

Putative nodes
------------
[26 18 27 28 17]

Best matching node from voting array
----------------------------------------
17

Presence of query node in putative nodes
----------------------------------------
Present


Node 27 -> query image 28
------------------------

97 features detected!

Checking for matches...

node 1 checked!...32 matches found!
node 2 checked!...31 matches found!
node 3 checked!...30 matches found!
node 4 checked!...40 matches found!
node 5 checked!...33 matches found!
node 6 checked!...31 matches found!
node 7 checked!...37 matches found!
node 8 checked!...36 matches found!
node 9 checked!...34 matches found!
node 10 checked!...34 matches found!
node 11 checked!...33 matches found!
node 12 checked!...32 matches found!
node 13 checked!...37 matches found!
node 14 checked!...37 matches found!
node 15 checked!...33 matches found!
node 16 checked!...39 matches found!
node 17 checked!...33 matches found!
node 18 checked!...36 matches found!
node 19 checked!...36 matches found!
node 20 checked!...28 matches found!
node 21 checked!...36 matches found!
node 22 checked!...33 matches found!
node 23 checked!...42 matches found!
node 24 checked!...45 matches found!
```

```
node 25 checked!...31 matches found!
node 26 checked!...37 matches found!
node 27 checked!...42 matches found!
node 28 checked!...37 matches found!
node 29 checked!...29 matches found!
node 30 checked!...34 matches found!

Voting array
--------------
[32 31 30 40 33 31 37 36 34 34 33 32 37 37 33 39 33 36 36 28 36 33 42 45 31
 37 42 37 29 34]

Putative nodes
------------
[16 27 24  4 23]

Best matching node from voting array
----------------------------------------
24

Presence of query node in putative nodes
----------------------------------------
Present


Node 27 -> query image 29
-----------------------

95 features detected!

Checking for matches...

node 1 checked!...33 matches found!
node 2 checked!...26 matches found!
node 3 checked!...34 matches found!
node 4 checked!...36 matches found!
node 5 checked!...34 matches found!
node 6 checked!...31 matches found!
node 7 checked!...35 matches found!
node 8 checked!...38 matches found!
node 9 checked!...28 matches found!
node 10 checked!...29 matches found!
node 11 checked!...28 matches found!
node 12 checked!...26 matches found!
node 13 checked!...36 matches found!
node 14 checked!...35 matches found!
node 15 checked!...32 matches found!
node 16 checked!...37 matches found!
node 17 checked!...35 matches found!
node 18 checked!...36 matches found!
node 19 checked!...38 matches found!
node 20 checked!...34 matches found!
node 21 checked!...36 matches found!
node 22 checked!...33 matches found!
node 23 checked!...46 matches found!
node 24 checked!...39 matches found!
node 25 checked!...38 matches found!
node 26 checked!...36 matches found!
node 27 checked!...44 matches found!
node 28 checked!...34 matches found!
node 29 checked!...33 matches found!
node 30 checked!...35 matches found!
```

Voting array

[33 26 34 36 34 31 35 38 28 29 28 26 36 35 32 37 35 36 38 34 36 33 46 39 38
 36 44 34 33 35]

Putative nodes

[19 25 27 23 24]

Best matching node from voting array

23

Presence of query node in putative nodes

Present

Node 27 -> query image 30
----

92 features detected!

Checking for matches...

node 1 checked!...32 matches found!
node 2 checked!...35 matches found!
node 3 checked!...37 matches found!
node 4 checked!...38 matches found!
node 5 checked!...39 matches found!
node 6 checked!...29 matches found!
node 7 checked!...29 matches found!
node 8 checked!...36 matches found!
node 9 checked!...32 matches found!
node 10 checked!...32 matches found!
node 11 checked!...36 matches found!
node 12 checked!...38 matches found!
node 13 checked!...39 matches found!
node 14 checked!...36 matches found!
node 15 checked!...38 matches found!
node 16 checked!...34 matches found!
node 17 checked!...37 matches found!
node 18 checked!...41 matches found!
node 19 checked!...34 matches found!
node 20 checked!...37 matches found!
node 21 checked!...37 matches found!
node 22 checked!...31 matches found!
node 23 checked!...35 matches found!
node 24 checked!...36 matches found!
node 25 checked!...30 matches found!
node 26 checked!...38 matches found!
node 27 checked!...41 matches found!
node 28 checked!...37 matches found!
node 29 checked!...33 matches found!
node 30 checked!...36 matches found!

Voting array

[32 35 37 38 39 29 29 36 32 32 36 38 39 36 38 34 37 41 34 37 37 31 35 36 30
 38 41 37 33 36]

Putative nodes

[26 5 27 13 18]

Best matching node from voting array

18

Presence of query node in putative nodes

Present

Node 27 -> query image 31
----

76 features detected!

Checking for matches...

node 1 checked!...29 matches found!
node 2 checked!...30 matches found!
node 3 checked!...29 matches found!
node 4 checked!...38 matches found!
node 5 checked!...36 matches found!
node 6 checked!...31 matches found!
node 7 checked!...31 matches found!
node 8 checked!...35 matches found!
node 9 checked!...29 matches found!
node 10 checked!...33 matches found!
node 11 checked!...29 matches found!
node 12 checked!...30 matches found!
node 13 checked!...32 matches found!
node 14 checked!...27 matches found!
node 15 checked!...26 matches found!
node 16 checked!...32 matches found!
node 17 checked!...37 matches found!
node 18 checked!...34 matches found!
node 19 checked!...33 matches found!
node 20 checked!...32 matches found!
node 21 checked!...35 matches found!
node 22 checked!...32 matches found!
node 23 checked!...30 matches found!
node 24 checked!...34 matches found!
node 25 checked!...30 matches found!
node 26 checked!...33 matches found!
node 27 checked!...34 matches found!
node 28 checked!...29 matches found!
node 29 checked!...29 matches found!
node 30 checked!...34 matches found!

Voting array

[29 30 29 38 36 31 31 35 29 33 29 30 32 27 26 32 37 34 33 32 35 32 30 34 30
 33 34 29 29 34]

Putative nodes

[8 21 4 5 17]

Best matching node from voting array

4

Presence of query node in putative nodes

Absent

Node 27 -> query image 32
----
88 features detected!

Checking for matches...

node 1 checked!...34 matches found!
node 2 checked!...35 matches found!
node 3 checked!...31 matches found!
node 4 checked!...39 matches found!
node 5 checked!...33 matches found!
node 6 checked!...34 matches found!
node 7 checked!...36 matches found!
node 8 checked!...40 matches found!
node 9 checked!...35 matches found!
node 10 checked!...36 matches found!
node 11 checked!...33 matches found!
node 12 checked!...33 matches found!
node 13 checked!...35 matches found!
node 14 checked!...39 matches found!
node 15 checked!...33 matches found!
node 16 checked!...39 matches found!
node 17 checked!...34 matches found!
node 18 checked!...34 matches found!
node 19 checked!...34 matches found!
node 20 checked!...26 matches found!
node 21 checked!...33 matches found!
node 22 checked!...34 matches found!
node 23 checked!...39 matches found!
node 24 checked!...41 matches found!
node 25 checked!...32 matches found!
node 26 checked!...34 matches found!
node 27 checked!...38 matches found!
node 28 checked!...36 matches found!
node 29 checked!...31 matches found!
node 30 checked!...33 matches found!

Voting array

[34 35 31 39 33 34 36 40 35 36 33 33 35 39 33 39 34 34 34 26 33 34 39 41 32
 34 38 36 31 33]

Putative nodes

[23 24 8 16 14]

Best matching node from voting array

24

Presence of query node in putative nodes

Absent

Node 27 -> query image 33
----

87 features detected!

Checking for matches...

node 1 checked!...36 matches found!
node 2 checked!...31 matches found!
node 3 checked!...34 matches found!
node 4 checked!...39 matches found!
node 5 checked!...33 matches found!
node 6 checked!...32 matches found!
node 7 checked!...33 matches found!
node 8 checked!...33 matches found!
node 9 checked!...34 matches found!
node 10 checked!...27 matches found!
node 11 checked!...29 matches found!
node 12 checked!...29 matches found!
node 13 checked!...33 matches found!
node 14 checked!...36 matches found!
node 15 checked!...30 matches found!
node 16 checked!...34 matches found!
node 17 checked!...35 matches found!
node 18 checked!...32 matches found!
node 19 checked!...34 matches found!
node 20 checked!...34 matches found!
node 21 checked!...35 matches found!
node 22 checked!...38 matches found!
node 23 checked!...43 matches found!
node 24 checked!...38 matches found!
node 25 checked!...36 matches found!
node 26 checked!...35 matches found!
node 27 checked!...37 matches found!
node 28 checked!...37 matches found!
node 29 checked!...36 matches found!
node 30 checked!...36 matches found!

Voting array

[36 31 34 39 33 32 33 33 34 27 29 29 33 36 30 34 35 32 34 34 35 38 43 38 36
 35 37 37 36 36]

Putative nodes

[27 22 24 4 23]

Best matching node from voting array

23

Presence of query node in putative nodes

Present

Node 27 -> query image 34
----

2 features detected!

Checking for matches...

node 1 checked!...2 matches found!
node 2 checked!...2 matches found!
node 3 checked!...2 matches found!
node 4 checked!...2 matches found!
node 5 checked!...2 matches found!
node 6 checked!...2 matches found!
node 7 checked!...2 matches found!
node 8 checked!...2 matches found!
node 9 checked!...2 matches found!
node 10 checked!...2 matches found!
node 11 checked!...2 matches found!
node 12 checked!...2 matches found!
node 13 checked!...2 matches found!
node 14 checked!...2 matches found!
node 15 checked!...2 matches found!
node 16 checked!...2 matches found!
node 17 checked!...2 matches found!
node 18 checked!...2 matches found!
node 19 checked!...2 matches found!
node 20 checked!...2 matches found!
node 21 checked!...2 matches found!
node 22 checked!...2 matches found!
node 23 checked!...2 matches found!
node 24 checked!...2 matches found!
node 25 checked!...2 matches found!
node 26 checked!...2 matches found!
node 27 checked!...2 matches found!
node 28 checked!...2 matches found!
node 29 checked!...2 matches found!
node 30 checked!...2 matches found!

Voting array

[2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2]

Putative nodes

[11 14 12 10 30]

Best matching node from voting array

1

Presence of query node in putative nodes

Absent

Node 27 -> query image 35
----

0 features detected!

Checking for matches...

node 1 checked!...0 matches found!
node 2 checked!...0 matches found!
node 3 checked!...0 matches found!
node 4 checked!...0 matches found!
node 5 checked!...0 matches found!

```
node 6 checked!...0 matches found!
node 7 checked!...0 matches found!
node 8 checked!...0 matches found!
node 9 checked!...0 matches found!
node 10 checked!...0 matches found!
node 11 checked!...0 matches found!
node 12 checked!...0 matches found!
node 13 checked!...0 matches found!
node 14 checked!...0 matches found!
node 15 checked!...0 matches found!
node 16 checked!...0 matches found!
node 17 checked!...0 matches found!
node 18 checked!...0 matches found!
node 19 checked!...0 matches found!
node 20 checked!...0 matches found!
node 21 checked!...0 matches found!
node 22 checked!...0 matches found!
node 23 checked!...0 matches found!
node 24 checked!...0 matches found!
node 25 checked!...0 matches found!
node 26 checked!...0 matches found!
node 27 checked!...0 matches found!
node 28 checked!...0 matches found!
node 29 checked!...0 matches found!
node 30 checked!...0 matches found!

Voting array
--------------
[0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0]

Unable to predict a matching node and putative nodes!

Node 27 -> query image 36
------------------------

2 features detected!

Checking for matches...

node 1 checked!...1 matches found!
node 2 checked!...1 matches found!
node 3 checked!...1 matches found!
node 4 checked!...1 matches found!
node 5 checked!...1 matches found!
node 6 checked!...1 matches found!
node 7 checked!...1 matches found!
node 8 checked!...1 matches found!
node 9 checked!...1 matches found!
node 10 checked!...1 matches found!
node 11 checked!...1 matches found!
node 12 checked!...1 matches found!
node 13 checked!...1 matches found!
node 14 checked!...1 matches found!
node 15 checked!...1 matches found!
node 16 checked!...1 matches found!
node 17 checked!...1 matches found!
node 18 checked!...1 matches found!
node 19 checked!...1 matches found!
node 20 checked!...1 matches found!
node 21 checked!...1 matches found!
node 22 checked!...1 matches found!
node 23 checked!...1 matches found!
```

```
node 24 checked!...1 matches found!
node 25 checked!...1 matches found!
node 26 checked!...1 matches found!
node 27 checked!...1 matches found!
node 28 checked!...1 matches found!
node 29 checked!...1 matches found!
node 30 checked!...1 matches found!

Voting array
--------------
[1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1]

Putative nodes
------------
[11 14 12 10 30]

Best matching node from voting array
----------------------------------------
1

Presence of query node in putative nodes
----------------------------------------
Absent


Node 27 -> query image 37
------------------------

0 features detected!

Checking for matches...

node 1 checked!...0 matches found!
node 2 checked!...0 matches found!
node 3 checked!...0 matches found!
node 4 checked!...0 matches found!
node 5 checked!...0 matches found!
node 6 checked!...0 matches found!
node 7 checked!...0 matches found!
node 8 checked!...0 matches found!
node 9 checked!...0 matches found!
node 10 checked!...0 matches found!
node 11 checked!...0 matches found!
node 12 checked!...0 matches found!
node 13 checked!...0 matches found!
node 14 checked!...0 matches found!
node 15 checked!...0 matches found!
node 16 checked!...0 matches found!
node 17 checked!...0 matches found!
node 18 checked!...0 matches found!
node 19 checked!...0 matches found!
node 20 checked!...0 matches found!
node 21 checked!...0 matches found!
node 22 checked!...0 matches found!
node 23 checked!...0 matches found!
node 24 checked!...0 matches found!
node 25 checked!...0 matches found!
node 26 checked!...0 matches found!
node 27 checked!...0 matches found!
node 28 checked!...0 matches found!
node 29 checked!...0 matches found!
node 30 checked!...0 matches found!
```

Voting array

[0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0]

Unable to predict a matching node and putative nodes!

Node 27 -> query image 38
----

0 features detected!

Checking for matches...

node 1 checked!...0 matches found!
node 2 checked!...0 matches found!
node 3 checked!...0 matches found!
node 4 checked!...0 matches found!
node 5 checked!...0 matches found!
node 6 checked!...0 matches found!
node 7 checked!...0 matches found!
node 8 checked!...0 matches found!
node 9 checked!...0 matches found!
node 10 checked!...0 matches found!
node 11 checked!...0 matches found!
node 12 checked!...0 matches found!
node 13 checked!...0 matches found!
node 14 checked!...0 matches found!
node 15 checked!...0 matches found!
node 16 checked!...0 matches found!
node 17 checked!...0 matches found!
node 18 checked!...0 matches found!
node 19 checked!...0 matches found!
node 20 checked!...0 matches found!
node 21 checked!...0 matches found!
node 22 checked!...0 matches found!
node 23 checked!...0 matches found!
node 24 checked!...0 matches found!
node 25 checked!...0 matches found!
node 26 checked!...0 matches found!
node 27 checked!...0 matches found!
node 28 checked!...0 matches found!
node 29 checked!...0 matches found!
node 30 checked!...0 matches found!

Voting array

[0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0]

Unable to predict a matching node and putative nodes!

Node 27 -> query image 39
----

50 features detected!

Checking for matches...

node 1 checked!...26 matches found!
node 2 checked!...19 matches found!
node 3 checked!...24 matches found!
node 4 checked!...30 matches found!

```
node 5 checked!...30 matches found!
node 6 checked!...23 matches found!
node 7 checked!...22 matches found!
node 8 checked!...30 matches found!
node 9 checked!...31 matches found!
node 10 checked!...29 matches found!
node 11 checked!...26 matches found!
node 12 checked!...27 matches found!
node 13 checked!...24 matches found!
node 14 checked!...25 matches found!
node 15 checked!...21 matches found!
node 16 checked!...27 matches found!
node 17 checked!...27 matches found!
node 18 checked!...26 matches found!
node 19 checked!...22 matches found!
node 20 checked!...28 matches found!
node 21 checked!...35 matches found!
node 22 checked!...26 matches found!
node 23 checked!...27 matches found!
node 24 checked!...26 matches found!
node 25 checked!...22 matches found!
node 26 checked!...28 matches found!
node 27 checked!...25 matches found!
node 28 checked!...26 matches found!
node 29 checked!...31 matches found!
node 30 checked!...32 matches found!
```

Voting array

[26 19 24 30 30 23 22 30 31 29 26 27 24 25 21 27 27 26 22 28 35 26 27 26 22
 28 25 26 31 32]

Putative nodes

[8 21 9 29 30]

Best matching node from voting array

21

Presence of query node in putative nodes

Absent

Node 27 -> query image 40
----

96 features detected!

Checking for matches...

```
node 1 checked!...35 matches found!
node 2 checked!...32 matches found!
node 3 checked!...37 matches found!
node 4 checked!...36 matches found!
node 5 checked!...37 matches found!
node 6 checked!...30 matches found!
node 7 checked!...29 matches found!
node 8 checked!...35 matches found!
node 9 checked!...31 matches found!
node 10 checked!...38 matches found!
```

```
node 11 checked!...32 matches found!
node 12 checked!...34 matches found!
node 13 checked!...35 matches found!
node 14 checked!...34 matches found!
node 15 checked!...34 matches found!
node 16 checked!...35 matches found!
node 17 checked!...36 matches found!
node 18 checked!...37 matches found!
node 19 checked!...36 matches found!
node 20 checked!...36 matches found!
node 21 checked!...32 matches found!
node 22 checked!...31 matches found!
node 23 checked!...37 matches found!
node 24 checked!...37 matches found!
node 25 checked!...34 matches found!
node 26 checked!...35 matches found!
node 27 checked!...39 matches found!
node 28 checked!...33 matches found!
node 29 checked!...28 matches found!
node 30 checked!...31 matches found!
```

Voting array

[35 32 37 36 37 30 29 35 31 38 32 34 35 34 34 35 36 37 36 36 32 31 37 37 34
 35 39 33 28 31]

Putative nodes

[23 5 27 10 24]

Best matching node from voting array

27

Presence of query node in putative nodes

Present

 Node 27 testing completed!

Node 28 -> query image 1
----

22 features detected!

Checking for matches...

```
node 1 checked!...17 matches found!
node 2 checked!...19 matches found!
node 3 checked!...18 matches found!
node 4 checked!...17 matches found!
node 5 checked!...17 matches found!
node 6 checked!...15 matches found!
node 7 checked!...16 matches found!
node 8 checked!...18 matches found!
node 9 checked!...16 matches found!
node 10 checked!...17 matches found!
node 11 checked!...18 matches found!
node 12 checked!...17 matches found!
node 13 checked!...17 matches found!
```

```
node 14 checked!...19 matches found!
node 15 checked!...19 matches found!
node 16 checked!...18 matches found!
node 17 checked!...16 matches found!
node 18 checked!...19 matches found!
node 19 checked!...18 matches found!
node 20 checked!...17 matches found!
node 21 checked!...19 matches found!
node 22 checked!...17 matches found!
node 23 checked!...18 matches found!
node 24 checked!...17 matches found!
node 25 checked!...18 matches found!
node 26 checked!...18 matches found!
node 27 checked!...19 matches found!
node 28 checked!...17 matches found!
node 29 checked!...18 matches found!
node 30 checked!...17 matches found!
```

Voting array

[17 19 18 17 17 15 16 18 16 17 18 17 17 19 19 18 16 19 18 17 19 17 18 17 18
 18 19 17 18 17]

Putative nodes

[21 14 18 2 15]

Best matching node from voting array

2

Presence of query node in putative nodes

Absent

Node 28 -> query image 2
----

0 features detected!

Checking for matches...

```
node 1 checked!...0 matches found!
node 2 checked!...0 matches found!
node 3 checked!...0 matches found!
node 4 checked!...0 matches found!
node 5 checked!...0 matches found!
node 6 checked!...0 matches found!
node 7 checked!...0 matches found!
node 8 checked!...0 matches found!
node 9 checked!...0 matches found!
node 10 checked!...0 matches found!
node 11 checked!...0 matches found!
node 12 checked!...0 matches found!
node 13 checked!...0 matches found!
node 14 checked!...0 matches found!
node 15 checked!...0 matches found!
node 16 checked!...0 matches found!
node 17 checked!...0 matches found!
node 18 checked!...0 matches found!
node 19 checked!...0 matches found!
```

```
node 20 checked!...0 matches found!
node 21 checked!...0 matches found!
node 22 checked!...0 matches found!
node 23 checked!...0 matches found!
node 24 checked!...0 matches found!
node 25 checked!...0 matches found!
node 26 checked!...0 matches found!
node 27 checked!...0 matches found!
node 28 checked!...0 matches found!
node 29 checked!...0 matches found!
node 30 checked!...0 matches found!
```

Voting array

[0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0]

Unable to predict a matching node and putative nodes!

Node 28 -> query image 3
----

62 features detected!

Checking for matches...

```
node 1 checked!...26 matches found!
node 2 checked!...24 matches found!
node 3 checked!...24 matches found!
node 4 checked!...30 matches found!
node 5 checked!...31 matches found!
node 6 checked!...28 matches found!
node 7 checked!...28 matches found!
node 8 checked!...32 matches found!
node 9 checked!...23 matches found!
node 10 checked!...25 matches found!
node 11 checked!...28 matches found!
node 12 checked!...24 matches found!
node 13 checked!...27 matches found!
node 14 checked!...26 matches found!
node 15 checked!...22 matches found!
node 16 checked!...32 matches found!
node 17 checked!...29 matches found!
node 18 checked!...26 matches found!
node 19 checked!...26 matches found!
node 20 checked!...24 matches found!
node 21 checked!...30 matches found!
node 22 checked!...25 matches found!
node 23 checked!...30 matches found!
node 24 checked!...33 matches found!
node 25 checked!...27 matches found!
node 26 checked!...30 matches found!
node 27 checked!...33 matches found!
node 28 checked!...27 matches found!
node 29 checked!...28 matches found!
node 30 checked!...31 matches found!
```

Voting array

[26 24 24 30 31 28 28 32 23 25 28 24 27 26 22 32 29 26 26 24 30 25 30 33 27
 30 33 27 28 31]

Putative nodes

```
------------
[30  8 16 24 27]

Best matching node from voting array
----------------------------------------
24

Presence of query node in putative nodes
----------------------------------------
Absent


Node 28 -> query image 4
------------------------

19 features detected!

Checking for matches...

node 1 checked!...14 matches found!
node 2 checked!...14 matches found!
node 3 checked!...14 matches found!
node 4 checked!...16 matches found!
node 5 checked!...14 matches found!
node 6 checked!...11 matches found!
node 7 checked!...12 matches found!
node 8 checked!...15 matches found!
node 9 checked!...13 matches found!
node 10 checked!...11 matches found!
node 11 checked!...13 matches found!
node 12 checked!...13 matches found!
node 13 checked!...14 matches found!
node 14 checked!...16 matches found!
node 15 checked!...14 matches found!
node 16 checked!...16 matches found!
node 17 checked!...13 matches found!
node 18 checked!...15 matches found!
node 19 checked!...14 matches found!
node 20 checked!...14 matches found!
node 21 checked!...16 matches found!
node 22 checked!...14 matches found!
node 23 checked!...12 matches found!
node 24 checked!...15 matches found!
node 25 checked!...14 matches found!
node 26 checked!...15 matches found!
node 27 checked!...15 matches found!
node 28 checked!...14 matches found!
node 29 checked!...16 matches found!
node 30 checked!...16 matches found!

Voting array
--------------
[14 14 14 16 14 11 12 15 13 11 13 13 14 16 14 16 13 15 14 14 16 14 12 15 14
 15 15 14 16 16]

Putative nodes
------------
[16  4 21 14 30]

Best matching node from voting array
----------------------------------------
4
```

Presence of query node in putative nodes

Absent

Node 28 -> query image 5
----

79 features detected!

Checking for matches...

node 1 checked!...36 matches found!
node 2 checked!...33 matches found!
node 3 checked!...33 matches found!
node 4 checked!...33 matches found!
node 5 checked!...35 matches found!
node 6 checked!...30 matches found!
node 7 checked!...35 matches found!
node 8 checked!...40 matches found!
node 9 checked!...36 matches found!
node 10 checked!...31 matches found!
node 11 checked!...31 matches found!
node 12 checked!...34 matches found!
node 13 checked!...34 matches found!
node 14 checked!...36 matches found!
node 15 checked!...39 matches found!
node 16 checked!...34 matches found!
node 17 checked!...38 matches found!
node 18 checked!...33 matches found!
node 19 checked!...36 matches found!
node 20 checked!...34 matches found!
node 21 checked!...32 matches found!
node 22 checked!...39 matches found!
node 23 checked!...37 matches found!
node 24 checked!...39 matches found!
node 25 checked!...34 matches found!
node 26 checked!...32 matches found!
node 27 checked!...37 matches found!
node 28 checked!...36 matches found!
node 29 checked!...34 matches found!
node 30 checked!...37 matches found!

Voting array

[36 33 33 33 35 30 35 40 36 31 31 34 34 36 39 34 38 33 36 34 32 39 37 39 34
 32 37 36 34 37]

Putative nodes

[17 22 24 8 15]

Best matching node from voting array

8

Presence of query node in putative nodes

Absent

Node 28 -> query image 6
----

43 features detected!

Checking for matches...

node 1 checked!...23 matches found!
node 2 checked!...24 matches found!
node 3 checked!...24 matches found!
node 4 checked!...30 matches found!
node 5 checked!...25 matches found!
node 6 checked!...27 matches found!
node 7 checked!...26 matches found!
node 8 checked!...27 matches found!
node 9 checked!...26 matches found!
node 10 checked!...26 matches found!
node 11 checked!...24 matches found!
node 12 checked!...23 matches found!
node 13 checked!...24 matches found!
node 14 checked!...26 matches found!
node 15 checked!...27 matches found!
node 16 checked!...24 matches found!
node 17 checked!...23 matches found!
node 18 checked!...26 matches found!
node 19 checked!...26 matches found!
node 20 checked!...26 matches found!
node 21 checked!...26 matches found!
node 22 checked!...21 matches found!
node 23 checked!...28 matches found!
node 24 checked!...28 matches found!
node 25 checked!...23 matches found!
node 26 checked!...22 matches found!
node 27 checked!...23 matches found!
node 28 checked!...28 matches found!
node 29 checked!...24 matches found!
node 30 checked!...25 matches found!

Voting array

[23 24 24 30 25 27 26 27 26 26 24 23 24 26 27 24 23 26 26 26 26 21 28 28 23
 22 23 28 24 25]

Putative nodes

[15 24 23 4 28]

Best matching node from voting array

4

Presence of query node in putative nodes

Present

Node 28 -> query image 7
----

40 features detected!

Checking for matches...

```
node 1 checked!...21 matches found!
node 2 checked!...25 matches found!
node 3 checked!...22 matches found!
node 4 checked!...25 matches found!
node 5 checked!...25 matches found!
node 6 checked!...21 matches found!
node 7 checked!...20 matches found!
node 8 checked!...24 matches found!
node 9 checked!...18 matches found!
node 10 checked!...20 matches found!
node 11 checked!...24 matches found!
node 12 checked!...20 matches found!
node 13 checked!...20 matches found!
node 14 checked!...20 matches found!
node 15 checked!...20 matches found!
node 16 checked!...21 matches found!
node 17 checked!...24 matches found!
node 18 checked!...22 matches found!
node 19 checked!...22 matches found!
node 20 checked!...18 matches found!
node 21 checked!...24 matches found!
node 22 checked!...19 matches found!
node 23 checked!...23 matches found!
node 24 checked!...26 matches found!
node 25 checked!...24 matches found!
node 26 checked!...20 matches found!
node 27 checked!...25 matches found!
node 28 checked!...24 matches found!
node 29 checked!...23 matches found!
node 30 checked!...27 matches found!

Voting array
--------------
[21 25 22 25 25 21 20 24 18 20 24 20 20 20 20 21 24 22 22 18 24 19 23 26 24
 20 25 24 23 27]

Putative nodes
------------
[ 2  4 27 24 30]

Best matching node from voting array
----------------------------------------
30

Presence of query node in putative nodes
----------------------------------------
Absent


Node 28 -> query image 8
------------------------

2 features detected!

Checking for matches...

node 1 checked!...1 matches found!
node 2 checked!...1 matches found!
node 3 checked!...1 matches found!
node 4 checked!...1 matches found!
node 5 checked!...1 matches found!
```

```
node 6 checked!...1 matches found!
node 7 checked!...1 matches found!
node 8 checked!...1 matches found!
node 9 checked!...1 matches found!
node 10 checked!...1 matches found!
node 11 checked!...1 matches found!
node 12 checked!...1 matches found!
node 13 checked!...1 matches found!
node 14 checked!...1 matches found!
node 15 checked!...1 matches found!
node 16 checked!...1 matches found!
node 17 checked!...1 matches found!
node 18 checked!...1 matches found!
node 19 checked!...1 matches found!
node 20 checked!...1 matches found!
node 21 checked!...1 matches found!
node 22 checked!...1 matches found!
node 23 checked!...1 matches found!
node 24 checked!...1 matches found!
node 25 checked!...1 matches found!
node 26 checked!...1 matches found!
node 27 checked!...1 matches found!
node 28 checked!...1 matches found!
node 29 checked!...1 matches found!
node 30 checked!...1 matches found!
```

Voting array

[1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1]

Putative nodes

[11 14 12 10 30]

Best matching node from voting array

1

Presence of query node in putative nodes

Absent

Node 28 -> query image 9
----

46 features detected!

Checking for matches...

```
node 1 checked!...24 matches found!
node 2 checked!...21 matches found!
node 3 checked!...25 matches found!
node 4 checked!...26 matches found!
node 5 checked!...29 matches found!
node 6 checked!...25 matches found!
node 7 checked!...21 matches found!
node 8 checked!...25 matches found!
node 9 checked!...19 matches found!
node 10 checked!...22 matches found!
node 11 checked!...23 matches found!
node 12 checked!...25 matches found!
```

```
node 13 checked!...22 matches found!
node 14 checked!...29 matches found!
node 15 checked!...20 matches found!
node 16 checked!...25 matches found!
node 17 checked!...24 matches found!
node 18 checked!...23 matches found!
node 19 checked!...23 matches found!
node 20 checked!...21 matches found!
node 21 checked!...21 matches found!
node 22 checked!...19 matches found!
node 23 checked!...27 matches found!
node 24 checked!...25 matches found!
node 25 checked!...24 matches found!
node 26 checked!...26 matches found!
node 27 checked!...27 matches found!
node 28 checked!...25 matches found!
node 29 checked!...25 matches found!
node 30 checked!...29 matches found!


Voting array
--------------
[24 21 25 26 29 25 21 25 19 22 23 25 22 29 20 25 24 23 23 21 21 19 27 25 24
 26 27 25 25 29]

Putative nodes
------------
[23 27 14  5 30]

Best matching node from voting array
----------------------------------------
5

Presence of query node in putative nodes
----------------------------------------
Absent


Node 28 -> query image 10
------------------------

1 features detected!

Checking for matches...

node 1 checked!...1 matches found!
node 2 checked!...1 matches found!
node 3 checked!...1 matches found!
node 4 checked!...1 matches found!
node 5 checked!...1 matches found!
node 6 checked!...1 matches found!
node 7 checked!...1 matches found!
node 8 checked!...1 matches found!
node 9 checked!...1 matches found!
node 10 checked!...1 matches found!
node 11 checked!...1 matches found!
node 12 checked!...1 matches found!
node 13 checked!...1 matches found!
node 14 checked!...1 matches found!
node 15 checked!...1 matches found!
node 16 checked!...1 matches found!
node 17 checked!...1 matches found!
node 18 checked!...1 matches found!
```

```
node 19 checked!...1 matches found!
node 20 checked!...1 matches found!
node 21 checked!...1 matches found!
node 22 checked!...1 matches found!
node 23 checked!...1 matches found!
node 24 checked!...1 matches found!
node 25 checked!...1 matches found!
node 26 checked!...1 matches found!
node 27 checked!...1 matches found!
node 28 checked!...1 matches found!
node 29 checked!...1 matches found!
node 30 checked!...1 matches found!

Voting array
--------------
[1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1]

Putative nodes
------------
[11 14 12 10 30]

Best matching node from voting array
----------------------------------------
1

Presence of query node in putative nodes
----------------------------------------
Absent


Node 28 -> query image 11
------------------------

79 features detected!

Checking for matches...

node 1 checked!...33 matches found!
node 2 checked!...27 matches found!
node 3 checked!...35 matches found!
node 4 checked!...43 matches found!
node 5 checked!...38 matches found!
node 6 checked!...38 matches found!
node 7 checked!...33 matches found!
node 8 checked!...35 matches found!
node 9 checked!...28 matches found!
node 10 checked!...38 matches found!
node 11 checked!...32 matches found!
node 12 checked!...34 matches found!
node 13 checked!...35 matches found!
node 14 checked!...31 matches found!
node 15 checked!...34 matches found!
node 16 checked!...35 matches found!
node 17 checked!...38 matches found!
node 18 checked!...38 matches found!
node 19 checked!...31 matches found!
node 20 checked!...32 matches found!
node 21 checked!...34 matches found!
node 22 checked!...24 matches found!
node 23 checked!...34 matches found!
node 24 checked!...39 matches found!
node 25 checked!...35 matches found!
```

```
node 26 checked!...33 matches found!
node 27 checked!...33 matches found!
node 28 checked!...36 matches found!
node 29 checked!...34 matches found!
node 30 checked!...34 matches found!

Voting array
--------------
[33 27 35 43 38 38 33 35 28 38 32 34 35 31 34 35 38 38 31 32 34 24 34 39 35
 33 33 36 34 34]

Putative nodes
------------
[10  4 17 24  6]

Best matching node from voting array
----------------------------------------
4

Presence of query node in putative nodes
----------------------------------------
Absent


Node 28 -> query image 12
------------------------

28 features detected!

Checking for matches...

node 1 checked!...18 matches found!
node 2 checked!...17 matches found!
node 3 checked!...17 matches found!
node 4 checked!...20 matches found!
node 5 checked!...18 matches found!
node 6 checked!...18 matches found!
node 7 checked!...19 matches found!
node 8 checked!...20 matches found!
node 9 checked!...17 matches found!
node 10 checked!...16 matches found!
node 11 checked!...16 matches found!
node 12 checked!...16 matches found!
node 13 checked!...19 matches found!
node 14 checked!...14 matches found!
node 15 checked!...15 matches found!
node 16 checked!...20 matches found!
node 17 checked!...18 matches found!
node 18 checked!...18 matches found!
node 19 checked!...16 matches found!
node 20 checked!...16 matches found!
node 21 checked!...16 matches found!
node 22 checked!...14 matches found!
node 23 checked!...19 matches found!
node 24 checked!...19 matches found!
node 25 checked!...17 matches found!
node 26 checked!...16 matches found!
node 27 checked!...16 matches found!
node 28 checked!...18 matches found!
node 29 checked!...19 matches found!
node 30 checked!...20 matches found!
```

Voting array

[18 17 17 20 18 18 19 20 17 16 16 16 19 14 15 20 18 18 16 16 16 14 19 19 17
 16 16 18 19 20]

Putative nodes

[13 8 16 4 30]

Best matching node from voting array

4

Presence of query node in putative nodes

Absent

Node 28 -> query image 13
----

98 features detected!

Checking for matches...

node 1 checked!...31 matches found!
node 2 checked!...31 matches found!
node 3 checked!...35 matches found!
node 4 checked!...35 matches found!
node 5 checked!...38 matches found!
node 6 checked!...28 matches found!
node 7 checked!...35 matches found!
node 8 checked!...38 matches found!
node 9 checked!...31 matches found!
node 10 checked!...31 matches found!
node 11 checked!...36 matches found!
node 12 checked!...32 matches found!
node 13 checked!...34 matches found!
node 14 checked!...27 matches found!
node 15 checked!...29 matches found!
node 16 checked!...39 matches found!
node 17 checked!...36 matches found!
node 18 checked!...36 matches found!
node 19 checked!...34 matches found!
node 20 checked!...30 matches found!
node 21 checked!...35 matches found!
node 22 checked!...30 matches found!
node 23 checked!...37 matches found!
node 24 checked!...39 matches found!
node 25 checked!...35 matches found!
node 26 checked!...34 matches found!
node 27 checked!...38 matches found!
node 28 checked!...38 matches found!
node 29 checked!...34 matches found!
node 30 checked!...43 matches found!

Voting array

[31 31 35 35 38 28 35 38 31 31 36 32 34 27 29 39 36 36 34 30 35 30 37 39 35
 34 38 38 34 43]

Putative nodes

```
------------
[ 8 24 16  5 30]
```

Best matching node from voting array

30

Presence of query node in putative nodes

Absent

Node 28 -> query image 14
----

91 features detected!

Checking for matches...

```
node 1 checked!...31 matches found!
node 2 checked!...34 matches found!
node 3 checked!...32 matches found!
node 4 checked!...40 matches found!
node 5 checked!...38 matches found!
node 6 checked!...32 matches found!
node 7 checked!...30 matches found!
node 8 checked!...31 matches found!
node 9 checked!...33 matches found!
node 10 checked!...34 matches found!
node 11 checked!...35 matches found!
node 12 checked!...29 matches found!
node 13 checked!...30 matches found!
node 14 checked!...33 matches found!
node 15 checked!...30 matches found!
node 16 checked!...35 matches found!
node 17 checked!...33 matches found!
node 18 checked!...37 matches found!
node 19 checked!...32 matches found!
node 20 checked!...32 matches found!
node 21 checked!...36 matches found!
node 22 checked!...35 matches found!
node 23 checked!...38 matches found!
node 24 checked!...35 matches found!
node 25 checked!...36 matches found!
node 26 checked!...34 matches found!
node 27 checked!...36 matches found!
node 28 checked!...35 matches found!
node 29 checked!...33 matches found!
node 30 checked!...35 matches found!
```

Voting array

```
[31 34 32 40 38 32 30 31 33 34 35 29 30 33 30 35 33 37 32 32 36 35 38 35 36
 34 36 35 33 35]
```

Putative nodes

```
[25 18 23  5  4]
```

Best matching node from voting array

4

Presence of query node in putative nodes

Absent

Node 28 -> query image 15
----

46 features detected!

Checking for matches...

node 1 checked!...22 matches found!
node 2 checked!...16 matches found!
node 3 checked!...22 matches found!
node 4 checked!...17 matches found!
node 5 checked!...20 matches found!
node 6 checked!...19 matches found!
node 7 checked!...22 matches found!
node 8 checked!...20 matches found!
node 9 checked!...14 matches found!
node 10 checked!...21 matches found!
node 11 checked!...21 matches found!
node 12 checked!...21 matches found!
node 13 checked!...19 matches found!
node 14 checked!...19 matches found!
node 15 checked!...18 matches found!
node 16 checked!...22 matches found!
node 17 checked!...21 matches found!
node 18 checked!...18 matches found!
node 19 checked!...21 matches found!
node 20 checked!...18 matches found!
node 21 checked!...20 matches found!
node 22 checked!...18 matches found!
node 23 checked!...21 matches found!
node 24 checked!...22 matches found!
node 25 checked!...22 matches found!
node 26 checked!...20 matches found!
node 27 checked!...22 matches found!
node 28 checked!...22 matches found!
node 29 checked!...18 matches found!
node 30 checked!...21 matches found!

Voting array

[22 16 22 17 20 19 22 20 14 21 21 21 19 19 18 22 21 18 21 18 20 18 21 22 22
 20 22 22 18 21]

Putative nodes

[24 7 25 16 1]

Best matching node from voting array

1

Presence of query node in putative nodes

Absent

Node 28 -> query image 16
----

97 features detected!

Checking for matches...

node 1 checked!...35 matches found!
node 2 checked!...35 matches found!
node 3 checked!...43 matches found!
node 4 checked!...44 matches found!
node 5 checked!...42 matches found!
node 6 checked!...39 matches found!
node 7 checked!...34 matches found!
node 8 checked!...33 matches found!
node 9 checked!...30 matches found!
node 10 checked!...37 matches found!
node 11 checked!...35 matches found!
node 12 checked!...36 matches found!
node 13 checked!...35 matches found!
node 14 checked!...36 matches found!
node 15 checked!...33 matches found!
node 16 checked!...40 matches found!
node 17 checked!...42 matches found!
node 18 checked!...39 matches found!
node 19 checked!...37 matches found!
node 20 checked!...34 matches found!
node 21 checked!...42 matches found!
node 22 checked!...34 matches found!
node 23 checked!...41 matches found!
node 24 checked!...38 matches found!
node 25 checked!...34 matches found!
node 26 checked!...37 matches found!
node 27 checked!...40 matches found!
node 28 checked!...41 matches found!
node 29 checked!...39 matches found!
node 30 checked!...36 matches found!

Voting array

[35 35 43 44 42 39 34 33 30 37 35 36 35 36 33 40 42 39 37 34 42 34 41 38 34
 37 40 41 39 36]

Putative nodes

[21 3 5 17 4]

Best matching node from voting array

4

Presence of query node in putative nodes

Absent

Node 28 -> query image 17
----

80 features detected!

Checking for matches...

```
node 1 checked!...26 matches found!
node 2 checked!...31 matches found!
node 3 checked!...32 matches found!
node 4 checked!...36 matches found!
node 5 checked!...37 matches found!
node 6 checked!...32 matches found!
node 7 checked!...32 matches found!
node 8 checked!...37 matches found!
node 9 checked!...31 matches found!
node 10 checked!...32 matches found!
node 11 checked!...33 matches found!
node 12 checked!...31 matches found!
node 13 checked!...33 matches found!
node 14 checked!...28 matches found!
node 15 checked!...28 matches found!
node 16 checked!...38 matches found!
node 17 checked!...38 matches found!
node 18 checked!...37 matches found!
node 19 checked!...35 matches found!
node 20 checked!...27 matches found!
node 21 checked!...40 matches found!
node 22 checked!...27 matches found!
node 23 checked!...37 matches found!
node 24 checked!...35 matches found!
node 25 checked!...33 matches found!
node 26 checked!...36 matches found!
node 27 checked!...34 matches found!
node 28 checked!...38 matches found!
node 29 checked!...38 matches found!
node 30 checked!...39 matches found!
```

Voting array

[26 31 32 36 37 32 32 37 31 32 33 31 33 28 28 38 38 37 35 27 40 27 37 35 33
 36 34 38 38 39]

Putative nodes

[29 17 28 30 21]

Best matching node from voting array

21

Presence of query node in putative nodes

Present

Node 28 -> query image 18
----

91 features detected!

Checking for matches...

```
node 1 checked!...31 matches found!
node 2 checked!...29 matches found!
node 3 checked!...34 matches found!
node 4 checked!...40 matches found!
node 5 checked!...36 matches found!
```

```
node 6 checked!...29 matches found!
node 7 checked!...32 matches found!
node 8 checked!...33 matches found!
node 9 checked!...28 matches found!
node 10 checked!...31 matches found!
node 11 checked!...33 matches found!
node 12 checked!...31 matches found!
node 13 checked!...34 matches found!
node 14 checked!...30 matches found!
node 15 checked!...28 matches found!
node 16 checked!...34 matches found!
node 17 checked!...39 matches found!
node 18 checked!...35 matches found!
node 19 checked!...33 matches found!
node 20 checked!...30 matches found!
node 21 checked!...36 matches found!
node 22 checked!...31 matches found!
node 23 checked!...36 matches found!
node 24 checked!...40 matches found!
node 25 checked!...32 matches found!
node 26 checked!...31 matches found!
node 27 checked!...34 matches found!
node 28 checked!...37 matches found!
node 29 checked!...33 matches found!
node 30 checked!...38 matches found!

Voting array
--------------
[31 29 34 40 36 29 32 33 28 31 33 31 34 30 28 34 39 35 33 30 36 31 36 40 32
 31 34 37 33 38]

Putative nodes
------------
[28 30  4 17 24]

Best matching node from voting array
----------------------------------------
4

Presence of query node in putative nodes
----------------------------------------
Present


Node 28 -> query image 19
-----------------------

90 features detected!

Checking for matches...

node 1 checked!...30 matches found!
node 2 checked!...37 matches found!
node 3 checked!...36 matches found!
node 4 checked!...38 matches found!
node 5 checked!...36 matches found!
node 6 checked!...27 matches found!
node 7 checked!...35 matches found!
node 8 checked!...41 matches found!
node 9 checked!...32 matches found!
node 10 checked!...34 matches found!
node 11 checked!...40 matches found!
```

```
node 12 checked!...29 matches found!
node 13 checked!...36 matches found!
node 14 checked!...36 matches found!
node 15 checked!...42 matches found!
node 16 checked!...37 matches found!
node 17 checked!...41 matches found!
node 18 checked!...40 matches found!
node 19 checked!...38 matches found!
node 20 checked!...38 matches found!
node 21 checked!...37 matches found!
node 22 checked!...36 matches found!
node 23 checked!...39 matches found!
node 24 checked!...40 matches found!
node 25 checked!...32 matches found!
node 26 checked!...38 matches found!
node 27 checked!...35 matches found!
node 28 checked!...34 matches found!
node 29 checked!...35 matches found!
node 30 checked!...40 matches found!
```

Voting array

[30 37 36 38 36 27 35 41 32 34 40 29 36 36 42 37 41 40 38 38 37 36 39 40 32
 38 35 34 35 40]

Putative nodes

[11 18 17 8 15]

Best matching node from voting array

15

Presence of query node in putative nodes

Absent

Node 28 -> query image 20
----

66 features detected!

Checking for matches...

```
node 1 checked!...30 matches found!
node 2 checked!...28 matches found!
node 3 checked!...31 matches found!
node 4 checked!...30 matches found!
node 5 checked!...29 matches found!
node 6 checked!...25 matches found!
node 7 checked!...25 matches found!
node 8 checked!...30 matches found!
node 9 checked!...19 matches found!
node 10 checked!...24 matches found!
node 11 checked!...31 matches found!
node 12 checked!...28 matches found!
node 13 checked!...31 matches found!
node 14 checked!...27 matches found!
node 15 checked!...25 matches found!
node 16 checked!...31 matches found!
node 17 checked!...29 matches found!
```

```
node 18 checked!...29 matches found!
node 19 checked!...27 matches found!
node 20 checked!...28 matches found!
node 21 checked!...31 matches found!
node 22 checked!...28 matches found!
node 23 checked!...33 matches found!
node 24 checked!...30 matches found!
node 25 checked!...28 matches found!
node 26 checked!...33 matches found!
node 27 checked!...29 matches found!
node 28 checked!...30 matches found!
node 29 checked!...26 matches found!
node 30 checked!...28 matches found!

Voting array
--------------
[30 28 31 30 29 25 25 30 19 24 31 28 31 27 25 31 29 29 27 28 31 28 33 30 28
 33 29 30 26 28]

Putative nodes
------------
[21 13 16 23 26]

Best matching node from voting array
----------------------------------------
23

Presence of query node in putative nodes
----------------------------------------
Absent


Node 28 -> query image 21
------------------------

85 features detected!

Checking for matches...

node 1 checked!...28 matches found!
node 2 checked!...28 matches found!
node 3 checked!...32 matches found!
node 4 checked!...35 matches found!
node 5 checked!...36 matches found!
node 6 checked!...25 matches found!
node 7 checked!...31 matches found!
node 8 checked!...36 matches found!
node 9 checked!...27 matches found!
node 10 checked!...31 matches found!
node 11 checked!...30 matches found!
node 12 checked!...28 matches found!
node 13 checked!...37 matches found!
node 14 checked!...30 matches found!
node 15 checked!...28 matches found!
node 16 checked!...36 matches found!
node 17 checked!...35 matches found!
node 18 checked!...35 matches found!
node 19 checked!...30 matches found!
node 20 checked!...28 matches found!
node 21 checked!...37 matches found!
node 22 checked!...28 matches found!
node 23 checked!...37 matches found!
```

```
node 24 checked!...42 matches found!
node 25 checked!...32 matches found!
node 26 checked!...36 matches found!
node 27 checked!...33 matches found!
node 28 checked!...32 matches found!
node 29 checked!...35 matches found!
node 30 checked!...40 matches found!

Voting array
--------------
[28 28 32 35 36 25 31 36 27 31 30 28 37 30 28 36 35 35 30 28 37 28 37 42 32
 36 33 32 35 40]

Putative nodes
------------
[13 23 21 30 24]

Best matching node from voting array
----------------------------------------
24

Presence of query node in putative nodes
----------------------------------------
Absent


Node 28 -> query image 22
------------------------

95 features detected!

Checking for matches...

node 1 checked!...31 matches found!
node 2 checked!...33 matches found!
node 3 checked!...37 matches found!
node 4 checked!...36 matches found!
node 5 checked!...34 matches found!
node 6 checked!...29 matches found!
node 7 checked!...35 matches found!
node 8 checked!...34 matches found!
node 9 checked!...27 matches found!
node 10 checked!...34 matches found!
node 11 checked!...34 matches found!
node 12 checked!...30 matches found!
node 13 checked!...32 matches found!
node 14 checked!...30 matches found!
node 15 checked!...33 matches found!
node 16 checked!...32 matches found!
node 17 checked!...36 matches found!
node 18 checked!...35 matches found!
node 19 checked!...37 matches found!
node 20 checked!...29 matches found!
node 21 checked!...36 matches found!
node 22 checked!...33 matches found!
node 23 checked!...33 matches found!
node 24 checked!...40 matches found!
node 25 checked!...34 matches found!
node 26 checked!...33 matches found!
node 27 checked!...36 matches found!
node 28 checked!...33 matches found!
node 29 checked!...34 matches found!
```

node 30 checked!...38 matches found!

Voting array

[31 33 37 36 34 29 35 34 27 34 34 30 32 30 33 32 36 35 37 29 36 33 33 40 34
 33 36 33 34 38]

Putative nodes

[21 19 3 24 30]

Best matching node from voting array

24

Presence of query node in putative nodes

Absent

Node 28 -> query image 23
----

99 features detected!

Checking for matches...

node 1 checked!...36 matches found!
node 2 checked!...34 matches found!
node 3 checked!...37 matches found!
node 4 checked!...45 matches found!
node 5 checked!...39 matches found!
node 6 checked!...33 matches found!
node 7 checked!...31 matches found!
node 8 checked!...41 matches found!
node 9 checked!...31 matches found!
node 10 checked!...33 matches found!
node 11 checked!...35 matches found!
node 12 checked!...38 matches found!
node 13 checked!...38 matches found!
node 14 checked!...35 matches found!
node 15 checked!...30 matches found!
node 16 checked!...33 matches found!
node 17 checked!...42 matches found!
node 18 checked!...37 matches found!
node 19 checked!...32 matches found!
node 20 checked!...36 matches found!
node 21 checked!...36 matches found!
node 22 checked!...34 matches found!
node 23 checked!...38 matches found!
node 24 checked!...37 matches found!
node 25 checked!...36 matches found!
node 26 checked!...33 matches found!
node 27 checked!...36 matches found!
node 28 checked!...40 matches found!
node 29 checked!...31 matches found!
node 30 checked!...42 matches found!

Voting array

[36 34 37 45 39 33 31 41 31 33 35 38 38 35 30 33 42 37 32 36 36 34 38 37 36
 33 36 40 31 42]

Putative nodes

[28 8 4 17 30]

Best matching node from voting array

4

Presence of query node in putative nodes

Present

Node 28 -> query image 24
----

85 features detected!

Checking for matches...

node 1 checked!...27 matches found!
node 2 checked!...33 matches found!
node 3 checked!...40 matches found!
node 4 checked!...33 matches found!
node 5 checked!...35 matches found!
node 6 checked!...33 matches found!
node 7 checked!...31 matches found!
node 8 checked!...39 matches found!
node 9 checked!...30 matches found!
node 10 checked!...34 matches found!
node 11 checked!...34 matches found!
node 12 checked!...33 matches found!
node 13 checked!...35 matches found!
node 14 checked!...28 matches found!
node 15 checked!...29 matches found!
node 16 checked!...35 matches found!
node 17 checked!...35 matches found!
node 18 checked!...33 matches found!
node 19 checked!...33 matches found!
node 20 checked!...31 matches found!
node 21 checked!...35 matches found!
node 22 checked!...25 matches found!
node 23 checked!...38 matches found!
node 24 checked!...35 matches found!
node 25 checked!...31 matches found!
node 26 checked!...34 matches found!
node 27 checked!...36 matches found!
node 28 checked!...39 matches found!
node 29 checked!...36 matches found!
node 30 checked!...33 matches found!

Voting array

[27 33 40 33 35 33 31 39 30 34 34 33 35 28 29 35 35 33 33 31 35 25 38 35 31
 34 36 39 36 33]

Putative nodes

[27 23 8 28 3]

Best matching node from voting array

```
----------------------------------------
3

Presence of query node in putative nodes
----------------------------------------
Present


Node 28 -> query image 25
-------------------------

88 features detected!

Checking for matches...

node 1 checked!...32 matches found!
node 2 checked!...28 matches found!
node 3 checked!...35 matches found!
node 4 checked!...37 matches found!
node 5 checked!...35 matches found!
node 6 checked!...30 matches found!
node 7 checked!...29 matches found!
node 8 checked!...32 matches found!
node 9 checked!...26 matches found!
node 10 checked!...29 matches found!
node 11 checked!...28 matches found!
node 12 checked!...28 matches found!
node 13 checked!...32 matches found!
node 14 checked!...29 matches found!
node 15 checked!...29 matches found!
node 16 checked!...35 matches found!
node 17 checked!...35 matches found!
node 18 checked!...32 matches found!
node 19 checked!...31 matches found!
node 20 checked!...27 matches found!
node 21 checked!...37 matches found!
node 22 checked!...27 matches found!
node 23 checked!...37 matches found!
node 24 checked!...37 matches found!
node 25 checked!...32 matches found!
node 26 checked!...35 matches found!
node 27 checked!...34 matches found!
node 28 checked!...34 matches found!
node 29 checked!...30 matches found!
node 30 checked!...41 matches found!

Voting array
--------------
[32 28 35 37 35 30 29 32 26 29 28 28 32 29 29 35 35 32 31 27 37 27 37 37 32
 35 34 34 30 41]

Putative nodes
------------
[23  4 24 21 30]

Best matching node from voting array
----------------------------------------
30

Presence of query node in putative nodes
----------------------------------------
Absent
```

Node 28 -> query image 26
----

93 features detected!

Checking for matches...

node 1 checked!...33 matches found!
node 2 checked!...34 matches found!
node 3 checked!...38 matches found!
node 4 checked!...37 matches found!
node 5 checked!...36 matches found!
node 6 checked!...33 matches found!
node 7 checked!...34 matches found!
node 8 checked!...38 matches found!
node 9 checked!...28 matches found!
node 10 checked!...33 matches found!
node 11 checked!...35 matches found!
node 12 checked!...35 matches found!
node 13 checked!...36 matches found!
node 14 checked!...35 matches found!
node 15 checked!...36 matches found!
node 16 checked!...35 matches found!
node 17 checked!...42 matches found!
node 18 checked!...36 matches found!
node 19 checked!...35 matches found!
node 20 checked!...31 matches found!
node 21 checked!...37 matches found!
node 22 checked!...37 matches found!
node 23 checked!...37 matches found!
node 24 checked!...40 matches found!
node 25 checked!...36 matches found!
node 26 checked!...36 matches found!
node 27 checked!...39 matches found!
node 28 checked!...38 matches found!
node 29 checked!...37 matches found!
node 30 checked!...38 matches found!

Voting array

[33 34 38 37 36 33 34 38 28 33 35 35 36 35 36 35 42 36 35 31 37 37 37 40 36
 36 39 38 37 38]

Putative nodes

[3 8 27 24 17]

Best matching node from voting array

17

Presence of query node in putative nodes

Absent

Node 28 -> query image 27
----

94 features detected!

Checking for matches...

node 1 checked!...34 matches found!
node 2 checked!...35 matches found!
node 3 checked!...38 matches found!
node 4 checked!...42 matches found!
node 5 checked!...36 matches found!
node 6 checked!...30 matches found!
node 7 checked!...31 matches found!
node 8 checked!...39 matches found!
node 9 checked!...32 matches found!
node 10 checked!...34 matches found!
node 11 checked!...33 matches found!
node 12 checked!...35 matches found!
node 13 checked!...37 matches found!
node 14 checked!...33 matches found!
node 15 checked!...32 matches found!
node 16 checked!...36 matches found!
node 17 checked!...41 matches found!
node 18 checked!...40 matches found!
node 19 checked!...36 matches found!
node 20 checked!...38 matches found!
node 21 checked!...39 matches found!
node 22 checked!...39 matches found!
node 23 checked!...41 matches found!
node 24 checked!...37 matches found!
node 25 checked!...35 matches found!
node 26 checked!...33 matches found!
node 27 checked!...36 matches found!
node 28 checked!...44 matches found!
node 29 checked!...33 matches found!
node 30 checked!...39 matches found!

Voting array

[34 35 38 42 36 30 31 39 32 34 33 35 37 33 32 36 41 40 36 38 39 39 41 37 35
 33 36 44 33 39]

Putative nodes

[18 17 23 28 4]

Best matching node from voting array

28

Presence of query node in putative nodes

Present

Node 28 -> query image 28
----

98 features detected!

Checking for matches...

node 1 checked!...28 matches found!
node 2 checked!...34 matches found!
node 3 checked!...40 matches found!

```
node 4 checked!...43 matches found!
node 5 checked!...34 matches found!
node 6 checked!...34 matches found!
node 7 checked!...34 matches found!
node 8 checked!...40 matches found!
node 9 checked!...30 matches found!
node 10 checked!...30 matches found!
node 11 checked!...36 matches found!
node 12 checked!...37 matches found!
node 13 checked!...35 matches found!
node 14 checked!...35 matches found!
node 15 checked!...31 matches found!
node 16 checked!...33 matches found!
node 17 checked!...35 matches found!
node 18 checked!...40 matches found!
node 19 checked!...37 matches found!
node 20 checked!...36 matches found!
node 21 checked!...39 matches found!
node 22 checked!...35 matches found!
node 23 checked!...38 matches found!
node 24 checked!...36 matches found!
node 25 checked!...37 matches found!
node 26 checked!...36 matches found!
node 27 checked!...37 matches found!
node 28 checked!...41 matches found!
node 29 checked!...43 matches found!
node 30 checked!...34 matches found!

Voting array
--------------
[28 34 40 43 34 34 34 40 30 30 36 37 35 35 31 33 35 40 37 36 39 35 38 36 37
 36 37 41 43 34]

Putative nodes
------------
[ 8 18 28 29  4]

Best matching node from voting array
----------------------------------------
4

Presence of query node in putative nodes
----------------------------------------
Present


Node 28 -> query image 29
------------------------

100 features detected!

Checking for matches...

node 1 checked!...32 matches found!
node 2 checked!...31 matches found!
node 3 checked!...36 matches found!
node 4 checked!...39 matches found!
node 5 checked!...37 matches found!
node 6 checked!...32 matches found!
node 7 checked!...32 matches found!
node 8 checked!...37 matches found!
node 9 checked!...27 matches found!
```

```
node 10 checked!...30 matches found!
node 11 checked!...28 matches found!
node 12 checked!...30 matches found!
node 13 checked!...33 matches found!
node 14 checked!...31 matches found!
node 15 checked!...30 matches found!
node 16 checked!...37 matches found!
node 17 checked!...37 matches found!
node 18 checked!...33 matches found!
node 19 checked!...33 matches found!
node 20 checked!...29 matches found!
node 21 checked!...39 matches found!
node 22 checked!...28 matches found!
node 23 checked!...39 matches found!
node 24 checked!...37 matches found!
node 25 checked!...39 matches found!
node 26 checked!...38 matches found!
node 27 checked!...36 matches found!
node 28 checked!...36 matches found!
node 29 checked!...33 matches found!
node 30 checked!...43 matches found!
```

Voting array

[32 31 36 39 37 32 32 37 27 30 28 30 33 31 30 37 37 33 33 29 39 28 39 37 39
 38 36 36 33 43]

Putative nodes

[4 25 23 21 30]

Best matching node from voting array

30

Presence of query node in putative nodes

Absent

Node 28 -> query image 30
----

93 features detected!

Checking for matches...

```
node 1 checked!...32 matches found!
node 2 checked!...31 matches found!
node 3 checked!...37 matches found!
node 4 checked!...38 matches found!
node 5 checked!...35 matches found!
node 6 checked!...30 matches found!
node 7 checked!...33 matches found!
node 8 checked!...31 matches found!
node 9 checked!...25 matches found!
node 10 checked!...30 matches found!
node 11 checked!...32 matches found!
node 12 checked!...31 matches found!
node 13 checked!...31 matches found!
node 14 checked!...32 matches found!
node 15 checked!...30 matches found!
```

```
node 16 checked!...32 matches found!
node 17 checked!...38 matches found!
node 18 checked!...34 matches found!
node 19 checked!...34 matches found!
node 20 checked!...31 matches found!
node 21 checked!...37 matches found!
node 22 checked!...33 matches found!
node 23 checked!...35 matches found!
node 24 checked!...41 matches found!
node 25 checked!...35 matches found!
node 26 checked!...37 matches found!
node 27 checked!...37 matches found!
node 28 checked!...35 matches found!
node 29 checked!...36 matches found!
node 30 checked!...38 matches found!

Voting array
--------------
[32 31 37 38 35 30 33 31 25 30 32 31 31 32 30 32 38 34 34 31 37 33 35 41 35
 37 37 35 36 38]

Putative nodes
------------
[ 3 17 30  4 24]

Best matching node from voting array
----------------------------------------
24

Presence of query node in putative nodes
----------------------------------------
Absent


Node 28 -> query image 31
------------------------

91 features detected!

Checking for matches...

node 1 checked!...33 matches found!
node 2 checked!...35 matches found!
node 3 checked!...36 matches found!
node 4 checked!...43 matches found!
node 5 checked!...39 matches found!
node 6 checked!...32 matches found!
node 7 checked!...34 matches found!
node 8 checked!...40 matches found!
node 9 checked!...33 matches found!
node 10 checked!...36 matches found!
node 11 checked!...32 matches found!
node 12 checked!...37 matches found!
node 13 checked!...37 matches found!
node 14 checked!...35 matches found!
node 15 checked!...34 matches found!
node 16 checked!...35 matches found!
node 17 checked!...39 matches found!
node 18 checked!...37 matches found!
node 19 checked!...34 matches found!
node 20 checked!...38 matches found!
node 21 checked!...38 matches found!
```

```
node 22 checked!...35 matches found!
node 23 checked!...39 matches found!
node 24 checked!...33 matches found!
node 25 checked!...38 matches found!
node 26 checked!...33 matches found!
node 27 checked!...34 matches found!
node 28 checked!...45 matches found!
node 29 checked!...34 matches found!
node 30 checked!...41 matches found!

Voting array
--------------
[33 35 36 43 39 32 34 40 33 36 32 37 37 35 34 35 39 37 34 38 38 35 39 33 38
 33 34 45 34 41]

Putative nodes
------------
[23  4 28  8 30]

Best matching node from voting array
----------------------------------------
28

Presence of query node in putative nodes
----------------------------------------
Present


Node 28 -> query image 32
------------------------

4 features detected!

Checking for matches...

node 1 checked!...3 matches found!
node 2 checked!...3 matches found!
node 3 checked!...3 matches found!
node 4 checked!...3 matches found!
node 5 checked!...3 matches found!
node 6 checked!...3 matches found!
node 7 checked!...3 matches found!
node 8 checked!...3 matches found!
node 9 checked!...3 matches found!
node 10 checked!...3 matches found!
node 11 checked!...3 matches found!
node 12 checked!...3 matches found!
node 13 checked!...3 matches found!
node 14 checked!...3 matches found!
node 15 checked!...3 matches found!
node 16 checked!...3 matches found!
node 17 checked!...3 matches found!
node 18 checked!...3 matches found!
node 19 checked!...3 matches found!
node 20 checked!...3 matches found!
node 21 checked!...3 matches found!
node 22 checked!...3 matches found!
node 23 checked!...3 matches found!
node 24 checked!...3 matches found!
node 25 checked!...3 matches found!
node 26 checked!...3 matches found!
node 27 checked!...3 matches found!
```

```
node 28 checked!...3 matches found!
node 29 checked!...3 matches found!
node 30 checked!...3 matches found!

Voting array
--------------
[3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3]

Putative nodes
------------
[11 14 12 10 30]

Best matching node from voting array
----------------------------------------
1

Presence of query node in putative nodes
----------------------------------------
Absent


Node 28 -> query image 33
------------------------

0 features detected!

Checking for matches...

node 1 checked!...0 matches found!
node 2 checked!...0 matches found!
node 3 checked!...0 matches found!
node 4 checked!...0 matches found!
node 5 checked!...0 matches found!
node 6 checked!...0 matches found!
node 7 checked!...0 matches found!
node 8 checked!...0 matches found!
node 9 checked!...0 matches found!
node 10 checked!...0 matches found!
node 11 checked!...0 matches found!
node 12 checked!...0 matches found!
node 13 checked!...0 matches found!
node 14 checked!...0 matches found!
node 15 checked!...0 matches found!
node 16 checked!...0 matches found!
node 17 checked!...0 matches found!
node 18 checked!...0 matches found!
node 19 checked!...0 matches found!
node 20 checked!...0 matches found!
node 21 checked!...0 matches found!
node 22 checked!...0 matches found!
node 23 checked!...0 matches found!
node 24 checked!...0 matches found!
node 25 checked!...0 matches found!
node 26 checked!...0 matches found!
node 27 checked!...0 matches found!
node 28 checked!...0 matches found!
node 29 checked!...0 matches found!
node 30 checked!...0 matches found!

Voting array
--------------
[0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0]
```

Unable to predict a matching node and putative nodes!

Node 28 -> query image 34
----

33 features detected!

Checking for matches...

node 1 checked!...18 matches found!
node 2 checked!...13 matches found!
node 3 checked!...13 matches found!
node 4 checked!...18 matches found!
node 5 checked!...18 matches found!
node 6 checked!...15 matches found!
node 7 checked!...12 matches found!
node 8 checked!...16 matches found!
node 9 checked!...18 matches found!
node 10 checked!...16 matches found!
node 11 checked!...19 matches found!
node 12 checked!...14 matches found!
node 13 checked!...13 matches found!
node 14 checked!...15 matches found!
node 15 checked!...13 matches found!
node 16 checked!...17 matches found!
node 17 checked!...19 matches found!
node 18 checked!...18 matches found!
node 19 checked!...15 matches found!
node 20 checked!...16 matches found!
node 21 checked!...21 matches found!
node 22 checked!...14 matches found!
node 23 checked!...18 matches found!
node 24 checked!...16 matches found!
node 25 checked!...16 matches found!
node 26 checked!...19 matches found!
node 27 checked!...19 matches found!
node 28 checked!...17 matches found!
node 29 checked!...17 matches found!
node 30 checked!...19 matches found!

Voting array

[18 13 13 18 18 15 12 16 18 16 19 14 13 15 13 17 19 18 15 16 21 14 18 16 16
 19 19 17 17 19]

Putative nodes

[30 26 11 17 21]

Best matching node from voting array

21

Presence of query node in putative nodes

Absent

Node 28 -> query image 35
----

65 features detected!

Checking for matches...

node 1 checked!...27 matches found!
node 2 checked!...24 matches found!
node 3 checked!...30 matches found!
node 4 checked!...33 matches found!
node 5 checked!...31 matches found!
node 6 checked!...24 matches found!
node 7 checked!...26 matches found!
node 8 checked!...31 matches found!
node 9 checked!...22 matches found!
node 10 checked!...24 matches found!
node 11 checked!...28 matches found!
node 12 checked!...30 matches found!
node 13 checked!...26 matches found!
node 14 checked!...32 matches found!
node 15 checked!...27 matches found!
node 16 checked!...31 matches found!
node 17 checked!...27 matches found!
node 18 checked!...25 matches found!
node 19 checked!...29 matches found!
node 20 checked!...25 matches found!
node 21 checked!...30 matches found!
node 22 checked!...21 matches found!
node 23 checked!...32 matches found!
node 24 checked!...33 matches found!
node 25 checked!...27 matches found!
node 26 checked!...31 matches found!
node 27 checked!...31 matches found!
node 28 checked!...28 matches found!
node 29 checked!...32 matches found!
node 30 checked!...36 matches found!

Voting array

[27 24 30 33 31 24 26 31 22 24 28 30 26 32 27 31 27 25 29 25 30 21 32 33 27
 31 31 28 32 36]

Putative nodes

[23 29 4 24 30]

Best matching node from voting array

30

Presence of query node in putative nodes

Absent

Node 28 -> query image 36
----

7 features detected!

Checking for matches...

node 1 checked!...6 matches found!
node 2 checked!...6 matches found!

```
node 3 checked!...6 matches found!
node 4 checked!...6 matches found!
node 5 checked!...6 matches found!
node 6 checked!...6 matches found!
node 7 checked!...5 matches found!
node 8 checked!...6 matches found!
node 9 checked!...6 matches found!
node 10 checked!...6 matches found!
node 11 checked!...6 matches found!
node 12 checked!...6 matches found!
node 13 checked!...6 matches found!
node 14 checked!...6 matches found!
node 15 checked!...6 matches found!
node 16 checked!...6 matches found!
node 17 checked!...6 matches found!
node 18 checked!...6 matches found!
node 19 checked!...6 matches found!
node 20 checked!...6 matches found!
node 21 checked!...6 matches found!
node 22 checked!...6 matches found!
node 23 checked!...6 matches found!
node 24 checked!...6 matches found!
node 25 checked!...6 matches found!
node 26 checked!...6 matches found!
node 27 checked!...6 matches found!
node 28 checked!...6 matches found!
node 29 checked!...6 matches found!
node 30 checked!...6 matches found!

Voting array
--------------
[6 6 6 6 6 6 5 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6]

Putative nodes
------------
[12  2 13 11 30]

Best matching node from voting array
----------------------------------------
1

Presence of query node in putative nodes
----------------------------------------
Absent


Node 28 -> query image 37
------------------------

94 features detected!

Checking for matches...

node 1 checked!...33 matches found!
node 2 checked!...30 matches found!
node 3 checked!...38 matches found!
node 4 checked!...47 matches found!
node 5 checked!...39 matches found!
node 6 checked!...37 matches found!
node 7 checked!...37 matches found!
node 8 checked!...34 matches found!
node 9 checked!...31 matches found!
```

```
node 10 checked!...43 matches found!
node 11 checked!...30 matches found!
node 12 checked!...34 matches found!
node 13 checked!...36 matches found!
node 14 checked!...30 matches found!
node 15 checked!...36 matches found!
node 16 checked!...34 matches found!
node 17 checked!...46 matches found!
node 18 checked!...42 matches found!
node 19 checked!...36 matches found!
node 20 checked!...33 matches found!
node 21 checked!...34 matches found!
node 22 checked!...30 matches found!
node 23 checked!...44 matches found!
node 24 checked!...40 matches found!
node 25 checked!...35 matches found!
node 26 checked!...36 matches found!
node 27 checked!...38 matches found!
node 28 checked!...41 matches found!
node 29 checked!...38 matches found!
node 30 checked!...38 matches found!
```

Voting array

[33 30 38 47 39 37 37 34 31 43 30 34 36 30 36 34 46 42 36 33 34 30 44 40 35
 36 38 41 38 38]

Putative nodes

[18 10 23 4 17]

Best matching node from voting array

4

Presence of query node in putative nodes

Absent

Node 28 -> query image 38
----

75 features detected!

Checking for matches...

```
node 1 checked!...28 matches found!
node 2 checked!...29 matches found!
node 3 checked!...25 matches found!
node 4 checked!...32 matches found!
node 5 checked!...34 matches found!
node 6 checked!...26 matches found!
node 7 checked!...28 matches found!
node 8 checked!...33 matches found!
node 9 checked!...26 matches found!
node 10 checked!...25 matches found!
node 11 checked!...30 matches found!
node 12 checked!...30 matches found!
node 13 checked!...29 matches found!
node 14 checked!...27 matches found!
node 15 checked!...27 matches found!
```

```
node 16 checked!...32 matches found!
node 17 checked!...27 matches found!
node 18 checked!...31 matches found!
node 19 checked!...30 matches found!
node 20 checked!...27 matches found!
node 21 checked!...33 matches found!
node 22 checked!...28 matches found!
node 23 checked!...28 matches found!
node 24 checked!...31 matches found!
node 25 checked!...29 matches found!
node 26 checked!...31 matches found!
node 27 checked!...31 matches found!
node 28 checked!...29 matches found!
node 29 checked!...32 matches found!
node 30 checked!...32 matches found!
```

Voting array

[28 29 25 32 34 26 28 33 26 25 30 30 29 27 27 32 27 31 30 27 33 28 28 31 29
 31 31 29 32 32]

Putative nodes

[16 4 8 5 21]

Best matching node from voting array

5

Presence of query node in putative nodes

Absent

Node 28 -> query image 39
----

19 features detected!

Checking for matches...

```
node 1 checked!...15 matches found!
node 2 checked!...15 matches found!
node 3 checked!...15 matches found!
node 4 checked!...13 matches found!
node 5 checked!...14 matches found!
node 6 checked!...14 matches found!
node 7 checked!...12 matches found!
node 8 checked!...13 matches found!
node 9 checked!...14 matches found!
node 10 checked!...16 matches found!
node 11 checked!...14 matches found!
node 12 checked!...13 matches found!
node 13 checked!...14 matches found!
node 14 checked!...14 matches found!
node 15 checked!...13 matches found!
node 16 checked!...11 matches found!
node 17 checked!...16 matches found!
node 18 checked!...13 matches found!
node 19 checked!...12 matches found!
node 20 checked!...15 matches found!
node 21 checked!...15 matches found!
```

```
node 22 checked!...14 matches found!
node 23 checked!...14 matches found!
node 24 checked!...11 matches found!
node 25 checked!...9 matches found!
node 26 checked!...13 matches found!
node 27 checked!...15 matches found!
node 28 checked!...17 matches found!
node 29 checked!...12 matches found!
node 30 checked!...13 matches found!
```

Voting array

```
[15 15 15 13 14 14 12 13 14 16 14 13 14 14 13 11 16 13 12 15 15 14 14 11  9
 13 15 17 12 13]
```

Putative nodes

```
[ 1 20 28 17 10]
```

Best matching node from voting array

28

Presence of query node in putative nodes

Present

Node 28 -> query image 40
----

46 features detected!

Checking for matches...

```
node 1 checked!...22 matches found!
node 2 checked!...21 matches found!
node 3 checked!...26 matches found!
node 4 checked!...28 matches found!
node 5 checked!...27 matches found!
node 6 checked!...23 matches found!
node 7 checked!...19 matches found!
node 8 checked!...30 matches found!
node 9 checked!...20 matches found!
node 10 checked!...21 matches found!
node 11 checked!...22 matches found!
node 12 checked!...23 matches found!
node 13 checked!...22 matches found!
node 14 checked!...30 matches found!
node 15 checked!...23 matches found!
node 16 checked!...23 matches found!
node 17 checked!...24 matches found!
node 18 checked!...21 matches found!
node 19 checked!...20 matches found!
node 20 checked!...22 matches found!
node 21 checked!...23 matches found!
node 22 checked!...19 matches found!
node 23 checked!...27 matches found!
node 24 checked!...27 matches found!
node 25 checked!...22 matches found!
node 26 checked!...24 matches found!
node 27 checked!...26 matches found!
```

```
node 28 checked!...25 matches found!
node 29 checked!...27 matches found!
node 30 checked!...28 matches found!

Voting array
--------------
[22 21 26 28 27 23 19 30 20 21 22 23 22 30 23 23 24 21 20 22 23 19 27 27 22
 24 26 25 27 28]

Putative nodes
------------
[ 5 30  4  8 14]

Best matching node from voting array
----------------------------------------
8

Presence of query node in putative nodes
----------------------------------------
Absent


 Node 28 testing completed!


Node 29 -> query image 1
------------------------

0 features detected!

Checking for matches...

node 1 checked!...0 matches found!
node 2 checked!...0 matches found!
node 3 checked!...0 matches found!
node 4 checked!...0 matches found!
node 5 checked!...0 matches found!
node 6 checked!...0 matches found!
node 7 checked!...0 matches found!
node 8 checked!...0 matches found!
node 9 checked!...0 matches found!
node 10 checked!...0 matches found!
node 11 checked!...0 matches found!
node 12 checked!...0 matches found!
node 13 checked!...0 matches found!
node 14 checked!...0 matches found!
node 15 checked!...0 matches found!
node 16 checked!...0 matches found!
node 17 checked!...0 matches found!
node 18 checked!...0 matches found!
node 19 checked!...0 matches found!
node 20 checked!...0 matches found!
node 21 checked!...0 matches found!
node 22 checked!...0 matches found!
node 23 checked!...0 matches found!
node 24 checked!...0 matches found!
node 25 checked!...0 matches found!
node 26 checked!...0 matches found!
node 27 checked!...0 matches found!
node 28 checked!...0 matches found!
node 29 checked!...0 matches found!
node 30 checked!...0 matches found!
```

Voting array

[0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0]

Unable to predict a matching node and putative nodes!

Node 29 -> query image 2
----

3 features detected!

Checking for matches...

node 1 checked!...1 matches found!
node 2 checked!...1 matches found!
node 3 checked!...1 matches found!
node 4 checked!...1 matches found!
node 5 checked!...1 matches found!
node 6 checked!...1 matches found!
node 7 checked!...1 matches found!
node 8 checked!...1 matches found!
node 9 checked!...1 matches found!
node 10 checked!...1 matches found!
node 11 checked!...1 matches found!
node 12 checked!...1 matches found!
node 13 checked!...1 matches found!
node 14 checked!...1 matches found!
node 15 checked!...1 matches found!
node 16 checked!...1 matches found!
node 17 checked!...1 matches found!
node 18 checked!...1 matches found!
node 19 checked!...1 matches found!
node 20 checked!...1 matches found!
node 21 checked!...1 matches found!
node 22 checked!...1 matches found!
node 23 checked!...1 matches found!
node 24 checked!...1 matches found!
node 25 checked!...1 matches found!
node 26 checked!...1 matches found!
node 27 checked!...1 matches found!
node 28 checked!...1 matches found!
node 29 checked!...1 matches found!
node 30 checked!...1 matches found!

Voting array

[1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1]

Putative nodes

[11 14 12 10 30]

Best matching node from voting array

1

Presence of query node in putative nodes

Absent

Node 29 -> query image 3
----

29 features detected!

Checking for matches...

node 1 checked!...20 matches found!
node 2 checked!...17 matches found!
node 3 checked!...19 matches found!
node 4 checked!...22 matches found!
node 5 checked!...20 matches found!
node 6 checked!...18 matches found!
node 7 checked!...18 matches found!
node 8 checked!...19 matches found!
node 9 checked!...19 matches found!
node 10 checked!...19 matches found!
node 11 checked!...17 matches found!
node 12 checked!...19 matches found!
node 13 checked!...19 matches found!
node 14 checked!...16 matches found!
node 15 checked!...19 matches found!
node 16 checked!...20 matches found!
node 17 checked!...19 matches found!
node 18 checked!...20 matches found!
node 19 checked!...18 matches found!
node 20 checked!...17 matches found!
node 21 checked!...18 matches found!
node 22 checked!...20 matches found!
node 23 checked!...19 matches found!
node 24 checked!...18 matches found!
node 25 checked!...18 matches found!
node 26 checked!...21 matches found!
node 27 checked!...19 matches found!
node 28 checked!...20 matches found!
node 29 checked!...20 matches found!
node 30 checked!...21 matches found!

Voting array

[20 17 19 22 20 18 18 19 19 19 17 19 19 16 19 20 19 20 18 17 18 20 19 18 18
 21 19 20 20 21]

Putative nodes

[22 18 26 4 30]

Best matching node from voting array

4

Presence of query node in putative nodes

Absent

Node 29 -> query image 4
----

82 features detected!

Checking for matches...

node 1 checked!...28 matches found!
node 2 checked!...28 matches found!
node 3 checked!...34 matches found!
node 4 checked!...33 matches found!
node 5 checked!...36 matches found!
node 6 checked!...29 matches found!
node 7 checked!...31 matches found!
node 8 checked!...45 matches found!
node 9 checked!...28 matches found!
node 10 checked!...37 matches found!
node 11 checked!...36 matches found!
node 12 checked!...30 matches found!
node 13 checked!...32 matches found!
node 14 checked!...34 matches found!
node 15 checked!...34 matches found!
node 16 checked!...32 matches found!
node 17 checked!...34 matches found!
node 18 checked!...34 matches found!
node 19 checked!...32 matches found!
node 20 checked!...34 matches found!
node 21 checked!...34 matches found!
node 22 checked!...32 matches found!
node 23 checked!...39 matches found!
node 24 checked!...38 matches found!
node 25 checked!...36 matches found!
node 26 checked!...32 matches found!
node 27 checked!...33 matches found!
node 28 checked!...42 matches found!
node 29 checked!...29 matches found!
node 30 checked!...37 matches found!

Voting array

[28 28 34 33 36 29 31 45 28 37 36 30 32 34 34 32 34 34 32 34 34 32 39 38 36
 32 33 42 29 37]

Putative nodes

[10 24 23 28 8]

Best matching node from voting array

8

Presence of query node in putative nodes

Absent

Node 29 -> query image 5
----

29 features detected!

Checking for matches...

node 1 checked!...18 matches found!
node 2 checked!...20 matches found!
node 3 checked!...20 matches found!
node 4 checked!...21 matches found!
node 5 checked!...21 matches found!

```
node 6 checked!...18 matches found!
node 7 checked!...16 matches found!
node 8 checked!...20 matches found!
node 9 checked!...16 matches found!
node 10 checked!...17 matches found!
node 11 checked!...19 matches found!
node 12 checked!...21 matches found!
node 13 checked!...18 matches found!
node 14 checked!...23 matches found!
node 15 checked!...20 matches found!
node 16 checked!...18 matches found!
node 17 checked!...21 matches found!
node 18 checked!...20 matches found!
node 19 checked!...19 matches found!
node 20 checked!...20 matches found!
node 21 checked!...21 matches found!
node 22 checked!...19 matches found!
node 23 checked!...20 matches found!
node 24 checked!...19 matches found!
node 25 checked!...18 matches found!
node 26 checked!...21 matches found!
node 27 checked!...21 matches found!
node 28 checked!...21 matches found!
node 29 checked!...16 matches found!
node 30 checked!...18 matches found!
```

Voting array

```
[18 20 20 21 21 18 16 20 16 17 19 21 18 23 20 18 21 20 19 20 21 19 20 19 18
 21 21 21 16 18]
```

Putative nodes

```
[ 5 21  4 17 14]
```

Best matching node from voting array

14

Presence of query node in putative nodes

Absent

Node 29 -> query image 6
----

94 features detected!

Checking for matches...

```
node 1 checked!...28 matches found!
node 2 checked!...27 matches found!
node 3 checked!...34 matches found!
node 4 checked!...39 matches found!
node 5 checked!...34 matches found!
node 6 checked!...33 matches found!
node 7 checked!...28 matches found!
node 8 checked!...34 matches found!
node 9 checked!...25 matches found!
node 10 checked!...31 matches found!
node 11 checked!...32 matches found!
```

```
node 12 checked!...29 matches found!
node 13 checked!...33 matches found!
node 14 checked!...32 matches found!
node 15 checked!...22 matches found!
node 16 checked!...36 matches found!
node 17 checked!...38 matches found!
node 18 checked!...32 matches found!
node 19 checked!...31 matches found!
node 20 checked!...31 matches found!
node 21 checked!...35 matches found!
node 22 checked!...33 matches found!
node 23 checked!...39 matches found!
node 24 checked!...38 matches found!
node 25 checked!...33 matches found!
node 26 checked!...30 matches found!
node 27 checked!...29 matches found!
node 28 checked!...34 matches found!
node 29 checked!...40 matches found!
node 30 checked!...33 matches found!
```

Voting array

```
[28 27 34 39 34 33 28 34 25 31 32 29 33 32 22 36 38 32 31 31 35 33 39 38 33
 30 29 34 40 33]
```

Putative nodes

```
[24 17 23 29  4]
```

Best matching node from voting array

29

Presence of query node in putative nodes

Present

Node 29 -> query image 7
----

66 features detected!

Checking for matches...

```
node 1 checked!...32 matches found!
node 2 checked!...32 matches found!
node 3 checked!...29 matches found!
node 4 checked!...30 matches found!
node 5 checked!...33 matches found!
node 6 checked!...29 matches found!
node 7 checked!...28 matches found!
node 8 checked!...32 matches found!
node 9 checked!...30 matches found!
node 10 checked!...30 matches found!
node 11 checked!...38 matches found!
node 12 checked!...28 matches found!
node 13 checked!...33 matches found!
node 14 checked!...30 matches found!
node 15 checked!...29 matches found!
node 16 checked!...33 matches found!
node 17 checked!...36 matches found!
```

```
node 18 checked!...33 matches found!
node 19 checked!...33 matches found!
node 20 checked!...35 matches found!
node 21 checked!...34 matches found!
node 22 checked!...31 matches found!
node 23 checked!...36 matches found!
node 24 checked!...34 matches found!
node 25 checked!...32 matches found!
node 26 checked!...35 matches found!
node 27 checked!...34 matches found!
node 28 checked!...33 matches found!
node 29 checked!...31 matches found!
node 30 checked!...36 matches found!


Voting array
--------------
[32 32 29 30 33 29 28 32 30 30 38 28 33 30 29 33 36 33 33 35 34 31 36 34 32
 35 34 33 31 36]

Putative nodes
------------
[26 30 23 17 11]

Best matching node from voting array
----------------------------------------
11

Presence of query node in putative nodes
----------------------------------------
Absent


Node 29 -> query image 8
------------------------

81 features detected!

Checking for matches...

node 1 checked!...36 matches found!
node 2 checked!...34 matches found!
node 3 checked!...36 matches found!
node 4 checked!...37 matches found!
node 5 checked!...40 matches found!
node 6 checked!...35 matches found!
node 7 checked!...30 matches found!
node 8 checked!...43 matches found!
node 9 checked!...32 matches found!
node 10 checked!...35 matches found!
node 11 checked!...34 matches found!
node 12 checked!...38 matches found!
node 13 checked!...40 matches found!
node 14 checked!...38 matches found!
node 15 checked!...35 matches found!
node 16 checked!...37 matches found!
node 17 checked!...37 matches found!
node 18 checked!...44 matches found!
node 19 checked!...34 matches found!
node 20 checked!...35 matches found!
node 21 checked!...42 matches found!
node 22 checked!...36 matches found!
node 23 checked!...40 matches found!
```

```
node 24 checked!...36 matches found!
node 25 checked!...33 matches found!
node 26 checked!...41 matches found!
node 27 checked!...34 matches found!
node 28 checked!...39 matches found!
node 29 checked!...34 matches found!
node 30 checked!...32 matches found!

Voting array
--------------
[36 34 36 37 40 35 30 43 32 35 34 38 40 38 35 37 37 44 34 35 42 36 40 36 33
 41 34 39 34 32]

Putative nodes
------------
[23 26 18  8 21]

Best matching node from voting array
----------------------------------------
18

Presence of query node in putative nodes
----------------------------------------
Absent


Node 29 -> query image 9
-----------------------

89 features detected!

Checking for matches...

node 1 checked!...32 matches found!
node 2 checked!...38 matches found!
node 3 checked!...32 matches found!
node 4 checked!...36 matches found!
node 5 checked!...32 matches found!
node 6 checked!...28 matches found!
node 7 checked!...27 matches found!
node 8 checked!...37 matches found!
node 9 checked!...33 matches found!
node 10 checked!...33 matches found!
node 11 checked!...37 matches found!
node 12 checked!...31 matches found!
node 13 checked!...34 matches found!
node 14 checked!...32 matches found!
node 15 checked!...28 matches found!
node 16 checked!...34 matches found!
node 17 checked!...42 matches found!
node 18 checked!...30 matches found!
node 19 checked!...38 matches found!
node 20 checked!...27 matches found!
node 21 checked!...36 matches found!
node 22 checked!...29 matches found!
node 23 checked!...38 matches found!
node 24 checked!...36 matches found!
node 25 checked!...30 matches found!
node 26 checked!...42 matches found!
node 27 checked!...36 matches found!
node 28 checked!...33 matches found!
node 29 checked!...36 matches found!
```

node 30 checked!...36 matches found!

Voting array

[32 38 32 36 32 28 27 37 33 33 37 31 34 32 28 34 42 30 38 27 36 29 38 36 30
 42 36 33 36 36]

Putative nodes

[2 23 17 19 26]

Best matching node from voting array

17

Presence of query node in putative nodes

Absent

Node 29 -> query image 10
----

91 features detected!

Checking for matches...

node 1 checked!...34 matches found!
node 2 checked!...31 matches found!
node 3 checked!...33 matches found!
node 4 checked!...36 matches found!
node 5 checked!...37 matches found!
node 6 checked!...28 matches found!
node 7 checked!...31 matches found!
node 8 checked!...37 matches found!
node 9 checked!...33 matches found!
node 10 checked!...32 matches found!
node 11 checked!...32 matches found!
node 12 checked!...33 matches found!
node 13 checked!...34 matches found!
node 14 checked!...30 matches found!
node 15 checked!...31 matches found!
node 16 checked!...38 matches found!
node 17 checked!...38 matches found!
node 18 checked!...31 matches found!
node 19 checked!...31 matches found!
node 20 checked!...31 matches found!
node 21 checked!...35 matches found!
node 22 checked!...31 matches found!
node 23 checked!...38 matches found!
node 24 checked!...35 matches found!
node 25 checked!...34 matches found!
node 26 checked!...37 matches found!
node 27 checked!...33 matches found!
node 28 checked!...38 matches found!
node 29 checked!...39 matches found!
node 30 checked!...38 matches found!

Voting array

[34 31 33 36 37 28 31 37 33 32 32 33 34 30 31 38 38 31 31 31 35 31 38 35 34
 37 33 38 39 38]

Putative nodes

[17 16 23 29 30]

Best matching node from voting array

29

Presence of query node in putative nodes

Present

Node 29 -> query image 11
----

66 features detected!

Checking for matches...

node 1 checked!...24 matches found!
node 2 checked!...24 matches found!
node 3 checked!...25 matches found!
node 4 checked!...35 matches found!
node 5 checked!...25 matches found!
node 6 checked!...25 matches found!
node 7 checked!...28 matches found!
node 8 checked!...26 matches found!
node 9 checked!...23 matches found!
node 10 checked!...26 matches found!
node 11 checked!...25 matches found!
node 12 checked!...26 matches found!
node 13 checked!...24 matches found!
node 14 checked!...28 matches found!
node 15 checked!...25 matches found!
node 16 checked!...30 matches found!
node 17 checked!...25 matches found!
node 18 checked!...25 matches found!
node 19 checked!...28 matches found!
node 20 checked!...23 matches found!
node 21 checked!...30 matches found!
node 22 checked!...25 matches found!
node 23 checked!...29 matches found!
node 24 checked!...28 matches found!
node 25 checked!...30 matches found!
node 26 checked!...23 matches found!
node 27 checked!...25 matches found!
node 28 checked!...27 matches found!
node 29 checked!...30 matches found!
node 30 checked!...27 matches found!

Voting array

[24 24 25 35 25 25 28 26 23 26 25 26 24 28 25 30 25 25 28 23 30 25 29 28 30
 23 25 27 30 27]

Putative nodes

[29 25 16 4 21]

Best matching node from voting array

```
-----------------------------------------
4

Presence of query node in putative nodes
-----------------------------------------
Present


Node 29 -> query image 12
-------------------------

94 features detected!

Checking for matches...

node 1 checked!...37 matches found!
node 2 checked!...35 matches found!
node 3 checked!...34 matches found!
node 4 checked!...42 matches found!
node 5 checked!...36 matches found!
node 6 checked!...33 matches found!
node 7 checked!...31 matches found!
node 8 checked!...35 matches found!
node 9 checked!...37 matches found!
node 10 checked!...36 matches found!
node 11 checked!...38 matches found!
node 12 checked!...41 matches found!
node 13 checked!...39 matches found!
node 14 checked!...35 matches found!
node 15 checked!...33 matches found!
node 16 checked!...37 matches found!
node 17 checked!...37 matches found!
node 18 checked!...38 matches found!
node 19 checked!...37 matches found!
node 20 checked!...35 matches found!
node 21 checked!...44 matches found!
node 22 checked!...33 matches found!
node 23 checked!...37 matches found!
node 24 checked!...38 matches found!
node 25 checked!...37 matches found!
node 26 checked!...35 matches found!
node 27 checked!...35 matches found!
node 28 checked!...40 matches found!
node 29 checked!...32 matches found!
node 30 checked!...37 matches found!

Voting array
--------------
[37 35 34 42 36 33 31 35 37 36 38 41 39 35 33 37 37 38 37 35 44 33 37 38 37
 35 35 40 32 37]

Putative nodes
------------
[13 28 12  4 21]

Best matching node from voting array
-----------------------------------------
21

Presence of query node in putative nodes
-----------------------------------------
Absent
```

Node 29 -> query image 13
----

37 features detected!

Checking for matches...

node 1 checked!...23 matches found!
node 2 checked!...22 matches found!
node 3 checked!...26 matches found!
node 4 checked!...23 matches found!
node 5 checked!...24 matches found!
node 6 checked!...21 matches found!
node 7 checked!...20 matches found!
node 8 checked!...21 matches found!
node 9 checked!...23 matches found!
node 10 checked!...21 matches found!
node 11 checked!...24 matches found!
node 12 checked!...22 matches found!
node 13 checked!...25 matches found!
node 14 checked!...23 matches found!
node 15 checked!...24 matches found!
node 16 checked!...23 matches found!
node 17 checked!...23 matches found!
node 18 checked!...24 matches found!
node 19 checked!...23 matches found!
node 20 checked!...24 matches found!
node 21 checked!...24 matches found!
node 22 checked!...21 matches found!
node 23 checked!...24 matches found!
node 24 checked!...25 matches found!
node 25 checked!...25 matches found!
node 26 checked!...27 matches found!
node 27 checked!...25 matches found!
node 28 checked!...20 matches found!
node 29 checked!...20 matches found!
node 30 checked!...23 matches found!

Voting array

[23 22 26 23 24 21 20 21 23 21 24 22 25 23 24 23 23 24 23 24 24 21 24 25 25
 27 25 20 20 23]

Putative nodes

[24 13 26 3 25]

Best matching node from voting array

26

Presence of query node in putative nodes

Absent

Node 29 -> query image 14
----

79 features detected!

Checking for matches...

node 1 checked!...37 matches found!
node 2 checked!...32 matches found!
node 3 checked!...31 matches found!
node 4 checked!...35 matches found!
node 5 checked!...35 matches found!
node 6 checked!...28 matches found!
node 7 checked!...34 matches found!
node 8 checked!...35 matches found!
node 9 checked!...31 matches found!
node 10 checked!...34 matches found!
node 11 checked!...29 matches found!
node 12 checked!...32 matches found!
node 13 checked!...34 matches found!
node 14 checked!...33 matches found!
node 15 checked!...34 matches found!
node 16 checked!...38 matches found!
node 17 checked!...35 matches found!
node 18 checked!...36 matches found!
node 19 checked!...28 matches found!
node 20 checked!...33 matches found!
node 21 checked!...38 matches found!
node 22 checked!...32 matches found!
node 23 checked!...37 matches found!
node 24 checked!...41 matches found!
node 25 checked!...36 matches found!
node 26 checked!...41 matches found!
node 27 checked!...36 matches found!
node 28 checked!...34 matches found!
node 29 checked!...34 matches found!
node 30 checked!...39 matches found!

Voting array

[37 32 31 35 35 28 34 35 31 34 29 32 34 33 34 38 35 36 28 33 38 32 37 41 36
 41 36 34 34 39]

Putative nodes

[21 16 30 26 24]

Best matching node from voting array

24

Presence of query node in putative nodes

Absent

Node 29 -> query image 15
----

82 features detected!

Checking for matches...

node 1 checked!...32 matches found!
node 2 checked!...31 matches found!
node 3 checked!...32 matches found!

node 4 checked!...34 matches found!
node 5 checked!...33 matches found!
node 6 checked!...27 matches found!
node 7 checked!...28 matches found!
node 8 checked!...31 matches found!
node 9 checked!...28 matches found!
node 10 checked!...29 matches found!
node 11 checked!...29 matches found!
node 12 checked!...23 matches found!
node 13 checked!...30 matches found!
node 14 checked!...32 matches found!
node 15 checked!...30 matches found!
node 16 checked!...37 matches found!
node 17 checked!...36 matches found!
node 18 checked!...34 matches found!
node 19 checked!...33 matches found!
node 20 checked!...28 matches found!
node 21 checked!...35 matches found!
node 22 checked!...29 matches found!
node 23 checked!...37 matches found!
node 24 checked!...34 matches found!
node 25 checked!...31 matches found!
node 26 checked!...32 matches found!
node 27 checked!...34 matches found!
node 28 checked!...31 matches found!
node 29 checked!...40 matches found!
node 30 checked!...34 matches found!

Voting array

[32 31 32 34 33 27 28 31 28 29 29 23 30 32 30 37 36 34 33 28 35 29 37 34 31
 32 34 31 40 34]

Putative nodes

[21 17 16 29 23]

Best matching node from voting array

29

Presence of query node in putative nodes

Present

Node 29 -> query image 16
----

97 features detected!

Checking for matches...

node 1 checked!...34 matches found!
node 2 checked!...33 matches found!
node 3 checked!...30 matches found!
node 4 checked!...33 matches found!
node 5 checked!...37 matches found!
node 6 checked!...33 matches found!
node 7 checked!...31 matches found!
node 8 checked!...33 matches found!
node 9 checked!...27 matches found!

```
node 10 checked!...34 matches found!
node 11 checked!...40 matches found!
node 12 checked!...32 matches found!
node 13 checked!...31 matches found!
node 14 checked!...35 matches found!
node 15 checked!...31 matches found!
node 16 checked!...37 matches found!
node 17 checked!...39 matches found!
node 18 checked!...33 matches found!
node 19 checked!...32 matches found!
node 20 checked!...34 matches found!
node 21 checked!...35 matches found!
node 22 checked!...28 matches found!
node 23 checked!...39 matches found!
node 24 checked!...35 matches found!
node 25 checked!...31 matches found!
node 26 checked!...37 matches found!
node 27 checked!...33 matches found!
node 28 checked!...35 matches found!
node 29 checked!...35 matches found!
node 30 checked!...33 matches found!

Voting array
--------------
[34 33 30 33 37 33 31 33 27 34 40 32 31 35 31 37 39 33 32 34 35 28 39 35 31
 37 33 35 35 33]

Putative nodes
------------
[26 17 11  5 23]

Best matching node from voting array
----------------------------------------
11

Presence of query node in putative nodes
----------------------------------------
Absent


Node 29 -> query image 17
-----------------------

98 features detected!

Checking for matches...

node 1 checked!...39 matches found!
node 2 checked!...37 matches found!
node 3 checked!...40 matches found!
node 4 checked!...44 matches found!
node 5 checked!...42 matches found!
node 6 checked!...35 matches found!
node 7 checked!...33 matches found!
node 8 checked!...36 matches found!
node 9 checked!...37 matches found!
node 10 checked!...38 matches found!
node 11 checked!...37 matches found!
node 12 checked!...40 matches found!
node 13 checked!...44 matches found!
node 14 checked!...39 matches found!
node 15 checked!...33 matches found!
```

```
node 16 checked!...41 matches found!
node 17 checked!...37 matches found!
node 18 checked!...41 matches found!
node 19 checked!...37 matches found!
node 20 checked!...37 matches found!
node 21 checked!...43 matches found!
node 22 checked!...32 matches found!
node 23 checked!...37 matches found!
node 24 checked!...35 matches found!
node 25 checked!...37 matches found!
node 26 checked!...38 matches found!
node 27 checked!...38 matches found!
node 28 checked!...41 matches found!
node 29 checked!...36 matches found!
node 30 checked!...35 matches found!
```

Voting array

[39 37 40 44 42 35 33 36 37 38 37 40 44 39 33 41 37 41 37 37 43 32 37 35 37
 38 38 41 36 35]

Putative nodes

[16 5 21 13 4]

Best matching node from voting array

4

Presence of query node in putative nodes

Absent

Node 29 -> query image 18
----

90 features detected!

Checking for matches...

```
node 1 checked!...36 matches found!
node 2 checked!...35 matches found!
node 3 checked!...42 matches found!
node 4 checked!...41 matches found!
node 5 checked!...38 matches found!
node 6 checked!...33 matches found!
node 7 checked!...35 matches found!
node 8 checked!...41 matches found!
node 9 checked!...36 matches found!
node 10 checked!...39 matches found!
node 11 checked!...36 matches found!
node 12 checked!...39 matches found!
node 13 checked!...38 matches found!
node 14 checked!...35 matches found!
node 15 checked!...33 matches found!
node 16 checked!...34 matches found!
node 17 checked!...37 matches found!
node 18 checked!...36 matches found!
node 19 checked!...35 matches found!
node 20 checked!...36 matches found!
node 21 checked!...38 matches found!
```

```
node 22 checked!...34 matches found!
node 23 checked!...48 matches found!
node 24 checked!...36 matches found!
node 25 checked!...40 matches found!
node 26 checked!...40 matches found!
node 27 checked!...42 matches found!
node 28 checked!...38 matches found!
node 29 checked!...33 matches found!
node 30 checked!...39 matches found!
```

Voting array

[36 35 42 41 38 33 35 41 36 39 36 39 38 35 33 34 37 36 35 36 38 34 48 36 40
 40 42 38 33 39]

Putative nodes

[8 4 27 3 23]

Best matching node from voting array

23

Presence of query node in putative nodes

Absent

Node 29 -> query image 19
----

86 features detected!

Checking for matches...

```
node 1 checked!...32 matches found!
node 2 checked!...33 matches found!
node 3 checked!...33 matches found!
node 4 checked!...38 matches found!
node 5 checked!...31 matches found!
node 6 checked!...30 matches found!
node 7 checked!...31 matches found!
node 8 checked!...34 matches found!
node 9 checked!...29 matches found!
node 10 checked!...33 matches found!
node 11 checked!...33 matches found!
node 12 checked!...33 matches found!
node 13 checked!...30 matches found!
node 14 checked!...35 matches found!
node 15 checked!...30 matches found!
node 16 checked!...34 matches found!
node 17 checked!...34 matches found!
node 18 checked!...33 matches found!
node 19 checked!...34 matches found!
node 20 checked!...30 matches found!
node 21 checked!...36 matches found!
node 22 checked!...29 matches found!
node 23 checked!...40 matches found!
node 24 checked!...37 matches found!
node 25 checked!...32 matches found!
node 26 checked!...36 matches found!
node 27 checked!...36 matches found!
```

```
node 28 checked!...36 matches found!
node 29 checked!...37 matches found!
node 30 checked!...38 matches found!

Voting array
--------------
[32 33 33 38 31 30 31 34 29 33 33 33 30 35 30 34 34 33 34 30 36 29 40 37 32
 36 36 36 37 38]

Putative nodes
------------
[29 24 23  4 30]

Best matching node from voting array
----------------------------------------
23

Presence of query node in putative nodes
----------------------------------------
Present


Node 29 -> query image 20
-----------------------

100 features detected!

Checking for matches...

node 1 checked!...32 matches found!
node 2 checked!...33 matches found!
node 3 checked!...34 matches found!
node 4 checked!...41 matches found!
node 5 checked!...33 matches found!
node 6 checked!...38 matches found!
node 7 checked!...35 matches found!
node 8 checked!...36 matches found!
node 9 checked!...30 matches found!
node 10 checked!...41 matches found!
node 11 checked!...36 matches found!
node 12 checked!...34 matches found!
node 13 checked!...38 matches found!
node 14 checked!...35 matches found!
node 15 checked!...32 matches found!
node 16 checked!...33 matches found!
node 17 checked!...36 matches found!
node 18 checked!...34 matches found!
node 19 checked!...33 matches found!
node 20 checked!...33 matches found!
node 21 checked!...37 matches found!
node 22 checked!...37 matches found!
node 23 checked!...43 matches found!
node 24 checked!...38 matches found!
node 25 checked!...41 matches found!
node 26 checked!...36 matches found!
node 27 checked!...34 matches found!
node 28 checked!...37 matches found!
node 29 checked!...40 matches found!
node 30 checked!...32 matches found!

Voting array
--------------
```

```
[32 33 34 41 33 38 35 36 30 41 36 34 38 35 32 33 36 34 33 33 37 37 43 38 41
 36 34 37 40 32]
```

Putative nodes

[29 10 25 23 4]

Best matching node from voting array

23

Presence of query node in putative nodes

Present

Node 29 -> query image 21
----

99 features detected!

Checking for matches...

node 1 checked!...38 matches found!
node 2 checked!...35 matches found!
node 3 checked!...38 matches found!
node 4 checked!...44 matches found!
node 5 checked!...37 matches found!
node 6 checked!...35 matches found!
node 7 checked!...32 matches found!
node 8 checked!...35 matches found!
node 9 checked!...35 matches found!
node 10 checked!...33 matches found!
node 11 checked!...35 matches found!
node 12 checked!...39 matches found!
node 13 checked!...38 matches found!
node 14 checked!...35 matches found!
node 15 checked!...33 matches found!
node 16 checked!...39 matches found!
node 17 checked!...32 matches found!
node 18 checked!...40 matches found!
node 19 checked!...36 matches found!
node 20 checked!...40 matches found!
node 21 checked!...41 matches found!
node 22 checked!...34 matches found!
node 23 checked!...41 matches found!
node 24 checked!...36 matches found!
node 25 checked!...36 matches found!
node 26 checked!...34 matches found!
node 27 checked!...37 matches found!
node 28 checked!...42 matches found!
node 29 checked!...34 matches found!
node 30 checked!...36 matches found!

Voting array

[38 35 38 44 37 35 32 35 35 33 35 39 38 35 33 39 32 40 36 40 41 34 41 36 36
 34 37 42 34 36]

Putative nodes

[18 23 28 4 21]
```

Best matching node from voting array
----------------------------------------
4

Presence of query node in putative nodes
----------------------------------------
Absent


Node 29 -> query image 22
-------------------------

94 features detected!

Checking for matches...

node 1 checked!...32 matches found!
node 2 checked!...34 matches found!
node 3 checked!...38 matches found!
node 4 checked!...40 matches found!
node 5 checked!...39 matches found!
node 6 checked!...35 matches found!
node 7 checked!...39 matches found!
node 8 checked!...39 matches found!
node 9 checked!...35 matches found!
node 10 checked!...33 matches found!
node 11 checked!...33 matches found!
node 12 checked!...36 matches found!
node 13 checked!...34 matches found!
node 14 checked!...36 matches found!
node 15 checked!...37 matches found!
node 16 checked!...36 matches found!
node 17 checked!...36 matches found!
node 18 checked!...37 matches found!
node 19 checked!...32 matches found!
node 20 checked!...32 matches found!
node 21 checked!...37 matches found!
node 22 checked!...33 matches found!
node 23 checked!...48 matches found!
node 24 checked!...41 matches found!
node 25 checked!...41 matches found!
node 26 checked!...37 matches found!
node 27 checked!...41 matches found!
node 28 checked!...37 matches found!
node 29 checked!...32 matches found!
node 30 checked!...39 matches found!

Voting array
--------------
[32 34 38 40 39 35 39 39 35 33 33 36 34 36 37 36 36 37 32 32 37 33 48 41 41
 37 41 37 32 39]

Putative nodes
------------
[ 4 27 24 23 25]

Best matching node from voting array
----------------------------------------
23

Presence of query node in putative nodes

------------------------------------------
Absent


Node 29 -> query image 23
------------------------

93 features detected!

Checking for matches...

node 1 checked!...35 matches found!
node 2 checked!...32 matches found!
node 3 checked!...42 matches found!
node 4 checked!...39 matches found!
node 5 checked!...42 matches found!
node 6 checked!...31 matches found!
node 7 checked!...36 matches found!
node 8 checked!...36 matches found!
node 9 checked!...32 matches found!
node 10 checked!...33 matches found!
node 11 checked!...35 matches found!
node 12 checked!...40 matches found!
node 13 checked!...34 matches found!
node 14 checked!...35 matches found!
node 15 checked!...36 matches found!
node 16 checked!...37 matches found!
node 17 checked!...41 matches found!
node 18 checked!...36 matches found!
node 19 checked!...29 matches found!
node 20 checked!...34 matches found!
node 21 checked!...38 matches found!
node 22 checked!...30 matches found!
node 23 checked!...37 matches found!
node 24 checked!...40 matches found!
node 25 checked!...37 matches found!
node 26 checked!...40 matches found!
node 27 checked!...40 matches found!
node 28 checked!...38 matches found!
node 29 checked!...38 matches found!
node 30 checked!...40 matches found!

Voting array
--------------
[35 32 42 39 42 31 36 36 32 33 35 40 34 35 36 37 41 36 29 34 38 30 37 40 37
 40 40 38 38 40]

Putative nodes
------------
[26 24 17  5  3]

Best matching node from voting array
----------------------------------------
3

Presence of query node in putative nodes
----------------------------------------
Absent


Node 29 -> query image 24
------------------------

99 features detected!

Checking for matches...

node 1 checked!...33 matches found!
node 2 checked!...29 matches found!
node 3 checked!...34 matches found!
node 4 checked!...35 matches found!
node 5 checked!...34 matches found!
node 6 checked!...28 matches found!
node 7 checked!...30 matches found!
node 8 checked!...34 matches found!
node 9 checked!...34 matches found!
node 10 checked!...26 matches found!
node 11 checked!...30 matches found!
node 12 checked!...29 matches found!
node 13 checked!...32 matches found!
node 14 checked!...29 matches found!
node 15 checked!...28 matches found!
node 16 checked!...33 matches found!
node 17 checked!...38 matches found!
node 18 checked!...33 matches found!
node 19 checked!...26 matches found!
node 20 checked!...28 matches found!
node 21 checked!...30 matches found!
node 22 checked!...31 matches found!
node 23 checked!...40 matches found!
node 24 checked!...35 matches found!
node 25 checked!...31 matches found!
node 26 checked!...35 matches found!
node 27 checked!...39 matches found!
node 28 checked!...34 matches found!
node 29 checked!...45 matches found!
node 30 checked!...37 matches found!

Voting array
--------------
[33 29 34 35 34 28 30 34 34 26 30 29 32 29 28 33 38 33 26 28 30 31 40 35 31
 35 39 34 45 37]

Putative nodes
------------
[30 17 27 29 23]

Best matching node from voting array
----------------------------------------
29

Presence of query node in putative nodes
----------------------------------------
Present


Node 29 -> query image 25
-----------------------

97 features detected!

Checking for matches...

node 1 checked!...30 matches found!

```
node 2 checked!...32 matches found!
node 3 checked!...34 matches found!
node 4 checked!...36 matches found!
node 5 checked!...34 matches found!
node 6 checked!...36 matches found!
node 7 checked!...31 matches found!
node 8 checked!...39 matches found!
node 9 checked!...25 matches found!
node 10 checked!...37 matches found!
node 11 checked!...35 matches found!
node 12 checked!...31 matches found!
node 13 checked!...33 matches found!
node 14 checked!...32 matches found!
node 15 checked!...31 matches found!
node 16 checked!...32 matches found!
node 17 checked!...36 matches found!
node 18 checked!...31 matches found!
node 19 checked!...31 matches found!
node 20 checked!...29 matches found!
node 21 checked!...37 matches found!
node 22 checked!...34 matches found!
node 23 checked!...42 matches found!
node 24 checked!...33 matches found!
node 25 checked!...33 matches found!
node 26 checked!...32 matches found!
node 27 checked!...34 matches found!
node 28 checked!...38 matches found!
node 29 checked!...37 matches found!
node 30 checked!...36 matches found!

Voting array
--------------
[30 32 34 36 34 36 31 39 25 37 35 31 33 32 31 32 36 31 31 29 37 34 42 33 33
 32 34 38 37 36]

Putative nodes
------------
[29 21 28  8 23]

Best matching node from voting array
----------------------------------------
23

Presence of query node in putative nodes
----------------------------------------
Present


Node 29 -> query image 26
------------------------

97 features detected!

Checking for matches...

node 1 checked!...34 matches found!
node 2 checked!...36 matches found!
node 3 checked!...37 matches found!
node 4 checked!...44 matches found!
node 5 checked!...41 matches found!
node 6 checked!...33 matches found!
node 7 checked!...34 matches found!
```

```
node 8 checked!...40 matches found!
node 9 checked!...35 matches found!
node 10 checked!...33 matches found!
node 11 checked!...37 matches found!
node 12 checked!...39 matches found!
node 13 checked!...37 matches found!
node 14 checked!...35 matches found!
node 15 checked!...39 matches found!
node 16 checked!...38 matches found!
node 17 checked!...37 matches found!
node 18 checked!...32 matches found!
node 19 checked!...37 matches found!
node 20 checked!...40 matches found!
node 21 checked!...40 matches found!
node 22 checked!...33 matches found!
node 23 checked!...44 matches found!
node 24 checked!...39 matches found!
node 25 checked!...38 matches found!
node 26 checked!...38 matches found!
node 27 checked!...42 matches found!
node 28 checked!...41 matches found!
node 29 checked!...34 matches found!
node 30 checked!...36 matches found!

Voting array
--------------
[34 36 37 44 41 33 34 40 35 33 37 39 37 35 39 38 37 32 37 40 40 33 44 39 38
 38 42 41 34 36]

Putative nodes
------------
[28  5 27  4 23]

Best matching node from voting array
----------------------------------------
4

Presence of query node in putative nodes
----------------------------------------
Absent


Node 29 -> query image 27
------------------------

96 features detected!

Checking for matches...

node 1 checked!...36 matches found!
node 2 checked!...38 matches found!
node 3 checked!...38 matches found!
node 4 checked!...42 matches found!
node 5 checked!...41 matches found!
node 6 checked!...34 matches found!
node 7 checked!...37 matches found!
node 8 checked!...40 matches found!
node 9 checked!...39 matches found!
node 10 checked!...35 matches found!
node 11 checked!...36 matches found!
node 12 checked!...38 matches found!
node 13 checked!...35 matches found!
```

```
node 14 checked!...36 matches found!
node 15 checked!...40 matches found!
node 16 checked!...34 matches found!
node 17 checked!...37 matches found!
node 18 checked!...38 matches found!
node 19 checked!...33 matches found!
node 20 checked!...36 matches found!
node 21 checked!...38 matches found!
node 22 checked!...30 matches found!
node 23 checked!...45 matches found!
node 24 checked!...35 matches found!
node 25 checked!...43 matches found!
node 26 checked!...40 matches found!
node 27 checked!...45 matches found!
node 28 checked!...42 matches found!
node 29 checked!...33 matches found!
node 30 checked!...43 matches found!
```

Voting array

[36 38 38 42 41 34 37 40 39 35 36 38 35 36 40 34 37 38 33 36 38 30 45 35 43
 40 45 42 33 43]

Putative nodes

[28 30 27 25 23]

Best matching node from voting array

23

Presence of query node in putative nodes

Absent

Node 29 -> query image 28
----

90 features detected!

Checking for matches...

```
node 1 checked!...35 matches found!
node 2 checked!...31 matches found!
node 3 checked!...37 matches found!
node 4 checked!...40 matches found!
node 5 checked!...37 matches found!
node 6 checked!...35 matches found!
node 7 checked!...31 matches found!
node 8 checked!...36 matches found!
node 9 checked!...27 matches found!
node 10 checked!...35 matches found!
node 11 checked!...38 matches found!
node 12 checked!...37 matches found!
node 13 checked!...32 matches found!
node 14 checked!...35 matches found!
node 15 checked!...32 matches found!
node 16 checked!...36 matches found!
node 17 checked!...42 matches found!
node 18 checked!...33 matches found!
node 19 checked!...30 matches found!
```

```
node 20 checked!...36 matches found!
node 21 checked!...34 matches found!
node 22 checked!...29 matches found!
node 23 checked!...38 matches found!
node 24 checked!...38 matches found!
node 25 checked!...36 matches found!
node 26 checked!...40 matches found!
node 27 checked!...37 matches found!
node 28 checked!...34 matches found!
node 29 checked!...38 matches found!
node 30 checked!...37 matches found!
```

Voting array

[35 31 37 40 37 35 31 36 27 35 38 37 32 35 32 36 42 33 30 36 34 29 38 38 36
 40 37 34 38 37]

Putative nodes

[23 24 17 4 26]

Best matching node from voting array

17

Presence of query node in putative nodes

Absent

Node 29 -> query image 29
----

92 features detected!

Checking for matches...

```
node 1 checked!...31 matches found!
node 2 checked!...29 matches found!
node 3 checked!...31 matches found!
node 4 checked!...36 matches found!
node 5 checked!...32 matches found!
node 6 checked!...33 matches found!
node 7 checked!...29 matches found!
node 8 checked!...37 matches found!
node 9 checked!...23 matches found!
node 10 checked!...34 matches found!
node 11 checked!...34 matches found!
node 12 checked!...32 matches found!
node 13 checked!...31 matches found!
node 14 checked!...32 matches found!
node 15 checked!...31 matches found!
node 16 checked!...32 matches found!
node 17 checked!...33 matches found!
node 18 checked!...32 matches found!
node 19 checked!...30 matches found!
node 20 checked!...28 matches found!
node 21 checked!...36 matches found!
node 22 checked!...34 matches found!
node 23 checked!...39 matches found!
node 24 checked!...32 matches found!
node 25 checked!...34 matches found!
```

```
node 26 checked!...33 matches found!
node 27 checked!...34 matches found!
node 28 checked!...40 matches found!
node 29 checked!...37 matches found!
node 30 checked!...35 matches found!

Voting array
--------------
[31 29 31 36 32 33 29 37 23 34 34 32 31 32 31 32 33 32 30 28 36 34 39 32 34
 33 34 40 37 35]

Putative nodes
------------
[21 29  8 23 28]

Best matching node from voting array
---------------------------------------
28

Presence of query node in putative nodes
---------------------------------------
Present


Node 29 -> query image 30
-----------------------

97 features detected!

Checking for matches...

node 1 checked!...35 matches found!
node 2 checked!...38 matches found!
node 3 checked!...41 matches found!
node 4 checked!...41 matches found!
node 5 checked!...42 matches found!
node 6 checked!...34 matches found!
node 7 checked!...35 matches found!
node 8 checked!...37 matches found!
node 9 checked!...34 matches found!
node 10 checked!...35 matches found!
node 11 checked!...38 matches found!
node 12 checked!...39 matches found!
node 13 checked!...36 matches found!
node 14 checked!...37 matches found!
node 15 checked!...37 matches found!
node 16 checked!...37 matches found!
node 17 checked!...38 matches found!
node 18 checked!...37 matches found!
node 19 checked!...37 matches found!
node 20 checked!...38 matches found!
node 21 checked!...37 matches found!
node 22 checked!...30 matches found!
node 23 checked!...45 matches found!
node 24 checked!...36 matches found!
node 25 checked!...41 matches found!
node 26 checked!...40 matches found!
node 27 checked!...42 matches found!
node 28 checked!...40 matches found!
node 29 checked!...34 matches found!
node 30 checked!...40 matches found!
```

Voting array

[35 38 41 41 42 34 35 37 34 35 38 39 36 37 37 37 38 37 37 38 37 30 45 36 41
 40 42 40 34 40]

Putative nodes

[3 4 27 23 5]

Best matching node from voting array

23

Presence of query node in putative nodes

Absent

Node 29 -> query image 31
----

88 features detected!

Checking for matches...

node 1 checked!...31 matches found!
node 2 checked!...32 matches found!
node 3 checked!...38 matches found!
node 4 checked!...41 matches found!
node 5 checked!...38 matches found!
node 6 checked!...31 matches found!
node 7 checked!...31 matches found!
node 8 checked!...33 matches found!
node 9 checked!...30 matches found!
node 10 checked!...34 matches found!
node 11 checked!...34 matches found!
node 12 checked!...38 matches found!
node 13 checked!...29 matches found!
node 14 checked!...34 matches found!
node 15 checked!...35 matches found!
node 16 checked!...34 matches found!
node 17 checked!...33 matches found!
node 18 checked!...33 matches found!
node 19 checked!...29 matches found!
node 20 checked!...32 matches found!
node 21 checked!...36 matches found!
node 22 checked!...28 matches found!
node 23 checked!...38 matches found!
node 24 checked!...34 matches found!
node 25 checked!...34 matches found!
node 26 checked!...36 matches found!
node 27 checked!...34 matches found!
node 28 checked!...39 matches found!
node 29 checked!...37 matches found!
node 30 checked!...36 matches found!

Voting array

[31 32 38 41 38 31 31 33 30 34 34 38 29 34 35 34 33 33 29 32 36 28 38 34 34
 36 34 39 37 36]

Putative nodes

[5 12 28 23 4]

Best matching node from voting array

4

Presence of query node in putative nodes

Absent

Node 29 -> query image 32
----

86 features detected!

Checking for matches...

node 1 checked!...34 matches found!
node 2 checked!...32 matches found!
node 3 checked!...40 matches found!
node 4 checked!...39 matches found!
node 5 checked!...37 matches found!
node 6 checked!...31 matches found!
node 7 checked!...33 matches found!
node 8 checked!...34 matches found!
node 9 checked!...30 matches found!
node 10 checked!...35 matches found!
node 11 checked!...37 matches found!
node 12 checked!...36 matches found!
node 13 checked!...33 matches found!
node 14 checked!...35 matches found!
node 15 checked!...32 matches found!
node 16 checked!...34 matches found!
node 17 checked!...39 matches found!
node 18 checked!...35 matches found!
node 19 checked!...30 matches found!
node 20 checked!...34 matches found!
node 21 checked!...37 matches found!
node 22 checked!...30 matches found!
node 23 checked!...40 matches found!
node 24 checked!...38 matches found!
node 25 checked!...36 matches found!
node 26 checked!...40 matches found!
node 27 checked!...37 matches found!
node 28 checked!...36 matches found!
node 29 checked!...36 matches found!
node 30 checked!...37 matches found!

Voting array

[34 32 40 39 37 31 33 34 30 35 37 36 33 35 32 34 39 35 30 34 37 30 40 38 36
 40 37 36 36 37]

Putative nodes

[17 4 3 23 26]

Best matching node from voting array

3

Presence of query node in putative nodes

Absent

Node 29 -> query image 33
----

20 features detected!

Checking for matches...

node 1 checked!...14 matches found!
node 2 checked!...14 matches found!
node 3 checked!...14 matches found!
node 4 checked!...13 matches found!
node 5 checked!...14 matches found!
node 6 checked!...14 matches found!
node 7 checked!...13 matches found!
node 8 checked!...14 matches found!
node 9 checked!...13 matches found!
node 10 checked!...13 matches found!
node 11 checked!...13 matches found!
node 12 checked!...13 matches found!
node 13 checked!...13 matches found!
node 14 checked!...14 matches found!
node 15 checked!...11 matches found!
node 16 checked!...14 matches found!
node 17 checked!...13 matches found!
node 18 checked!...14 matches found!
node 19 checked!...13 matches found!
node 20 checked!...13 matches found!
node 21 checked!...12 matches found!
node 22 checked!...13 matches found!
node 23 checked!...14 matches found!
node 24 checked!...13 matches found!
node 25 checked!...14 matches found!
node 26 checked!...13 matches found!
node 27 checked!...14 matches found!
node 28 checked!...14 matches found!
node 29 checked!...14 matches found!
node 30 checked!...14 matches found!

Voting array

[14 14 14 13 14 14 13 14 13 13 13 13 13 14 11 14 13 14 13 13 12 13 14 13 14
 13 14 14 14 14]

Putative nodes

[18 16 14 2 30]

Best matching node from voting array

1

Presence of query node in putative nodes

Absent

Node 29 -> query image 34
----

70 features detected!

Checking for matches...

node 1 checked!...24 matches found!
node 2 checked!...24 matches found!
node 3 checked!...26 matches found!
node 4 checked!...30 matches found!
node 5 checked!...30 matches found!
node 6 checked!...22 matches found!
node 7 checked!...23 matches found!
node 8 checked!...25 matches found!
node 9 checked!...23 matches found!
node 10 checked!...30 matches found!
node 11 checked!...32 matches found!
node 12 checked!...26 matches found!
node 13 checked!...26 matches found!
node 14 checked!...30 matches found!
node 15 checked!...26 matches found!
node 16 checked!...27 matches found!
node 17 checked!...25 matches found!
node 18 checked!...30 matches found!
node 19 checked!...26 matches found!
node 20 checked!...25 matches found!
node 21 checked!...28 matches found!
node 22 checked!...26 matches found!
node 23 checked!...31 matches found!
node 24 checked!...25 matches found!
node 25 checked!...24 matches found!
node 26 checked!...31 matches found!
node 27 checked!...27 matches found!
node 28 checked!...30 matches found!
node 29 checked!...23 matches found!
node 30 checked!...24 matches found!

Voting array

[24 24 26 30 30 22 23 25 23 30 32 26 26 30 26 27 25 30 26 25 28 26 31 25 24
 31 27 30 23 24]

Putative nodes

[10 5 26 11 23]

Best matching node from voting array

11

Presence of query node in putative nodes

Absent

Node 29 -> query image 35
----

39 features detected!

Checking for matches...

```
node 1 checked!...16 matches found!
node 2 checked!...19 matches found!
node 3 checked!...21 matches found!
node 4 checked!...22 matches found!
node 5 checked!...21 matches found!
node 6 checked!...15 matches found!
node 7 checked!...19 matches found!
node 8 checked!...19 matches found!
node 9 checked!...18 matches found!
node 10 checked!...20 matches found!
node 11 checked!...20 matches found!
node 12 checked!...12 matches found!
node 13 checked!...23 matches found!
node 14 checked!...22 matches found!
node 15 checked!...21 matches found!
node 16 checked!...22 matches found!
node 17 checked!...17 matches found!
node 18 checked!...21 matches found!
node 19 checked!...19 matches found!
node 20 checked!...22 matches found!
node 21 checked!...18 matches found!
node 22 checked!...15 matches found!
node 23 checked!...19 matches found!
node 24 checked!...20 matches found!
node 25 checked!...18 matches found!
node 26 checked!...17 matches found!
node 27 checked!...19 matches found!
node 28 checked!...18 matches found!
node 29 checked!...20 matches found!
node 30 checked!...17 matches found!
```

Voting array

[16 19 21 22 21 15 19 19 18 20 20 12 23 22 21 22 17 21 19 22 18 15 19 20 18
 17 19 18 20 17]

Putative nodes

[16 4 14 20 13]

Best matching node from voting array

13

Presence of query node in putative nodes

Absent

Node 29 -> query image 36
----

64 features detected!

Checking for matches...

```
node 1 checked!...23 matches found!
node 2 checked!...24 matches found!
node 3 checked!...29 matches found!
node 4 checked!...28 matches found!
node 5 checked!...28 matches found!
```

```
node 6 checked!...26 matches found!
node 7 checked!...24 matches found!
node 8 checked!...29 matches found!
node 9 checked!...25 matches found!
node 10 checked!...30 matches found!
node 11 checked!...26 matches found!
node 12 checked!...24 matches found!
node 13 checked!...26 matches found!
node 14 checked!...25 matches found!
node 15 checked!...28 matches found!
node 16 checked!...27 matches found!
node 17 checked!...26 matches found!
node 18 checked!...29 matches found!
node 19 checked!...27 matches found!
node 20 checked!...27 matches found!
node 21 checked!...26 matches found!
node 22 checked!...25 matches found!
node 23 checked!...31 matches found!
node 24 checked!...35 matches found!
node 25 checked!...31 matches found!
node 26 checked!...25 matches found!
node 27 checked!...31 matches found!
node 28 checked!...31 matches found!
node 29 checked!...25 matches found!
node 30 checked!...29 matches found!
```

Voting array

[23 24 29 28 28 26 24 29 25 30 26 24 26 25 28 27 26 29 27 27 26 25 31 35 31
 25 31 31 25 29]

Putative nodes

[28 27 25 23 24]

Best matching node from voting array

24

Presence of query node in putative nodes

Absent

Node 29 -> query image 37
----

1 features detected!

Checking for matches...

```
node 1 checked!...1 matches found!
node 2 checked!...1 matches found!
node 3 checked!...1 matches found!
node 4 checked!...1 matches found!
node 5 checked!...1 matches found!
node 6 checked!...1 matches found!
node 7 checked!...1 matches found!
node 8 checked!...1 matches found!
node 9 checked!...1 matches found!
node 10 checked!...1 matches found!
node 11 checked!...1 matches found!
```

```
node 12 checked!...1 matches found!
node 13 checked!...1 matches found!
node 14 checked!...1 matches found!
node 15 checked!...1 matches found!
node 16 checked!...1 matches found!
node 17 checked!...1 matches found!
node 18 checked!...1 matches found!
node 19 checked!...1 matches found!
node 20 checked!...1 matches found!
node 21 checked!...1 matches found!
node 22 checked!...1 matches found!
node 23 checked!...1 matches found!
node 24 checked!...1 matches found!
node 25 checked!...1 matches found!
node 26 checked!...1 matches found!
node 27 checked!...1 matches found!
node 28 checked!...1 matches found!
node 29 checked!...1 matches found!
node 30 checked!...1 matches found!
```

Voting array

[1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1]

Putative nodes

[11 14 12 10 30]

Best matching node from voting array

1

Presence of query node in putative nodes

Absent

Node 29 -> query image 38
----

60 features detected!

Checking for matches...

```
node 1 checked!...26 matches found!
node 2 checked!...25 matches found!
node 3 checked!...29 matches found!
node 4 checked!...31 matches found!
node 5 checked!...29 matches found!
node 6 checked!...31 matches found!
node 7 checked!...24 matches found!
node 8 checked!...32 matches found!
node 9 checked!...21 matches found!
node 10 checked!...24 matches found!
node 11 checked!...27 matches found!
node 12 checked!...28 matches found!
node 13 checked!...30 matches found!
node 14 checked!...28 matches found!
node 15 checked!...27 matches found!
node 16 checked!...28 matches found!
node 17 checked!...32 matches found!
node 18 checked!...25 matches found!
```

```
node 19 checked!...26 matches found!
node 20 checked!...28 matches found!
node 21 checked!...30 matches found!
node 22 checked!...26 matches found!
node 23 checked!...31 matches found!
node 24 checked!...30 matches found!
node 25 checked!...27 matches found!
node 26 checked!...29 matches found!
node 27 checked!...30 matches found!
node 28 checked!...30 matches found!
node 29 checked!...30 matches found!
node 30 checked!...29 matches found!


Voting array
--------------
[26 25 29 31 29 31 24 32 21 24 27 28 30 28 27 28 32 25 26 28 30 26 31 30 27
 29 30 30 30 29]

Putative nodes
--------------
[ 6  8 23  4 17]

Best matching node from voting array
----------------------------------------
8

Presence of query node in putative nodes
----------------------------------------
Absent


Node 29 -> query image 39
------------------------

91 features detected!

Checking for matches...

node 1 checked!...38 matches found!
node 2 checked!...36 matches found!
node 3 checked!...32 matches found!
node 4 checked!...39 matches found!
node 5 checked!...40 matches found!
node 6 checked!...32 matches found!
node 7 checked!...32 matches found!
node 8 checked!...37 matches found!
node 9 checked!...35 matches found!
node 10 checked!...36 matches found!
node 11 checked!...35 matches found!
node 12 checked!...36 matches found!
node 13 checked!...37 matches found!
node 14 checked!...36 matches found!
node 15 checked!...31 matches found!
node 16 checked!...36 matches found!
node 17 checked!...34 matches found!
node 18 checked!...39 matches found!
node 19 checked!...32 matches found!
node 20 checked!...39 matches found!
node 21 checked!...41 matches found!
node 22 checked!...36 matches found!
node 23 checked!...34 matches found!
node 24 checked!...33 matches found!
```

```
node 25 checked!...34 matches found!
node 26 checked!...37 matches found!
node 27 checked!...34 matches found!
node 28 checked!...40 matches found!
node 29 checked!...32 matches found!
node 30 checked!...35 matches found!
```

Voting array

[38 36 32 39 40 32 32 37 35 36 35 36 37 36 31 36 34 39 32 39 41 36 34 33 34
 37 34 40 32 35]

Putative nodes

[4 18 5 28 21]

Best matching node from voting array

21

Presence of query node in putative nodes

Absent

Node 29 -> query image 40
----

93 features detected!

Checking for matches...

```
node 1 checked!...32 matches found!
node 2 checked!...36 matches found!
node 3 checked!...42 matches found!
node 4 checked!...39 matches found!
node 5 checked!...41 matches found!
node 6 checked!...38 matches found!
node 7 checked!...41 matches found!
node 8 checked!...36 matches found!
node 9 checked!...30 matches found!
node 10 checked!...35 matches found!
node 11 checked!...37 matches found!
node 12 checked!...41 matches found!
node 13 checked!...39 matches found!
node 14 checked!...38 matches found!
node 15 checked!...36 matches found!
node 16 checked!...40 matches found!
node 17 checked!...43 matches found!
node 18 checked!...37 matches found!
node 19 checked!...36 matches found!
node 20 checked!...34 matches found!
node 21 checked!...39 matches found!
node 22 checked!...36 matches found!
node 23 checked!...42 matches found!
node 24 checked!...39 matches found!
node 25 checked!...40 matches found!
node 26 checked!...35 matches found!
node 27 checked!...43 matches found!
node 28 checked!...36 matches found!
node 29 checked!...36 matches found!
node 30 checked!...35 matches found!
```

Voting array

[32 36 42 39 41 38 41 36 30 35 37 41 39 38 36 40 43 37 36 34 39 36 42 39 40
 35 43 36 36 35]

Putative nodes

[12 23 3 17 27]

Best matching node from voting array

17

Presence of query node in putative nodes

Absent

 Node 29 testing completed!

Node 30 -> query image 1
----

75 features detected!

Checking for matches...

node 1 checked!...28 matches found!
node 2 checked!...28 matches found!
node 3 checked!...31 matches found!
node 4 checked!...34 matches found!
node 5 checked!...33 matches found!
node 6 checked!...31 matches found!
node 7 checked!...34 matches found!
node 8 checked!...32 matches found!
node 9 checked!...28 matches found!
node 10 checked!...33 matches found!
node 11 checked!...30 matches found!
node 12 checked!...31 matches found!
node 13 checked!...32 matches found!
node 14 checked!...29 matches found!
node 15 checked!...26 matches found!
node 16 checked!...36 matches found!
node 17 checked!...37 matches found!
node 18 checked!...29 matches found!
node 19 checked!...31 matches found!
node 20 checked!...28 matches found!
node 21 checked!...33 matches found!
node 22 checked!...28 matches found!
node 23 checked!...36 matches found!
node 24 checked!...37 matches found!
node 25 checked!...29 matches found!
node 26 checked!...25 matches found!
node 27 checked!...33 matches found!
node 28 checked!...33 matches found!
node 29 checked!...29 matches found!
node 30 checked!...34 matches found!

Voting array

[28 28 31 34 33 31 34 32 28 33 30 31 32 29 26 36 37 29 31 28 33 28 36 37 29
 25 33 33 29 34]

Putative nodes

[7 16 23 17 24]

Best matching node from voting array

17

Presence of query node in putative nodes

Absent

Node 30 -> query image 2
----

26 features detected!

Checking for matches...

node 1 checked!...18 matches found!
node 2 checked!...19 matches found!
node 3 checked!...15 matches found!
node 4 checked!...19 matches found!
node 5 checked!...18 matches found!
node 6 checked!...19 matches found!
node 7 checked!...17 matches found!
node 8 checked!...20 matches found!
node 9 checked!...15 matches found!
node 10 checked!...20 matches found!
node 11 checked!...18 matches found!
node 12 checked!...18 matches found!
node 13 checked!...20 matches found!
node 14 checked!...18 matches found!
node 15 checked!...19 matches found!
node 16 checked!...19 matches found!
node 17 checked!...18 matches found!
node 18 checked!...19 matches found!
node 19 checked!...20 matches found!
node 20 checked!...17 matches found!
node 21 checked!...20 matches found!
node 22 checked!...18 matches found!
node 23 checked!...17 matches found!
node 24 checked!...16 matches found!
node 25 checked!...17 matches found!
node 26 checked!...18 matches found!
node 27 checked!...19 matches found!
node 28 checked!...17 matches found!
node 29 checked!...16 matches found!
node 30 checked!...20 matches found!

Voting array

[18 19 15 19 18 19 17 20 15 20 18 18 20 18 19 19 18 19 20 17 20 18 17 16 17
 18 19 17 16 20]

Putative nodes

[19 8 10 21 30]

Best matching node from voting array

8

Presence of query node in putative nodes

Present

Node 30 -> query image 3
----

57 features detected!

Checking for matches...

node 1 checked!...25 matches found!
node 2 checked!...24 matches found!
node 3 checked!...27 matches found!
node 4 checked!...30 matches found!
node 5 checked!...29 matches found!
node 6 checked!...26 matches found!
node 7 checked!...22 matches found!
node 8 checked!...28 matches found!
node 9 checked!...28 matches found!
node 10 checked!...30 matches found!
node 11 checked!...28 matches found!
node 12 checked!...24 matches found!
node 13 checked!...26 matches found!
node 14 checked!...28 matches found!
node 15 checked!...23 matches found!
node 16 checked!...25 matches found!
node 17 checked!...29 matches found!
node 18 checked!...30 matches found!
node 19 checked!...26 matches found!
node 20 checked!...24 matches found!
node 21 checked!...33 matches found!
node 22 checked!...25 matches found!
node 23 checked!...33 matches found!
node 24 checked!...28 matches found!
node 25 checked!...28 matches found!
node 26 checked!...23 matches found!
node 27 checked!...22 matches found!
node 28 checked!...34 matches found!
node 29 checked!...26 matches found!
node 30 checked!...27 matches found!

Voting array

[25 24 27 30 29 26 22 28 28 30 28 24 26 28 23 25 29 30 26 24 33 25 33 28 28
 23 22 34 26 27]

Putative nodes

[4 18 21 28 23]

Best matching node from voting array

28

Presence of query node in putative nodes

```
----------------------------------------
Absent


Node 30 -> query image 4
------------------------

0 features detected!

Checking for matches...

node 1 checked!...0 matches found!
node 2 checked!...0 matches found!
node 3 checked!...0 matches found!
node 4 checked!...0 matches found!
node 5 checked!...0 matches found!
node 6 checked!...0 matches found!
node 7 checked!...0 matches found!
node 8 checked!...0 matches found!
node 9 checked!...0 matches found!
node 10 checked!...0 matches found!
node 11 checked!...0 matches found!
node 12 checked!...0 matches found!
node 13 checked!...0 matches found!
node 14 checked!...0 matches found!
node 15 checked!...0 matches found!
node 16 checked!...0 matches found!
node 17 checked!...0 matches found!
node 18 checked!...0 matches found!
node 19 checked!...0 matches found!
node 20 checked!...0 matches found!
node 21 checked!...0 matches found!
node 22 checked!...0 matches found!
node 23 checked!...0 matches found!
node 24 checked!...0 matches found!
node 25 checked!...0 matches found!
node 26 checked!...0 matches found!
node 27 checked!...0 matches found!
node 28 checked!...0 matches found!
node 29 checked!...0 matches found!
node 30 checked!...0 matches found!

Voting array
--------------
[0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0]

Unable to predict a matching node and putative nodes!

Node 30 -> query image 5
------------------------

87 features detected!

Checking for matches...

node 1 checked!...32 matches found!
node 2 checked!...29 matches found!
node 3 checked!...28 matches found!
node 4 checked!...34 matches found!
node 5 checked!...32 matches found!
node 6 checked!...27 matches found!
node 7 checked!...24 matches found!
```

```
node 8 checked!...30 matches found!
node 9 checked!...28 matches found!
node 10 checked!...28 matches found!
node 11 checked!...31 matches found!
node 12 checked!...32 matches found!
node 13 checked!...29 matches found!
node 14 checked!...28 matches found!
node 15 checked!...28 matches found!
node 16 checked!...29 matches found!
node 17 checked!...34 matches found!
node 18 checked!...29 matches found!
node 19 checked!...32 matches found!
node 20 checked!...29 matches found!
node 21 checked!...31 matches found!
node 22 checked!...29 matches found!
node 23 checked!...36 matches found!
node 24 checked!...38 matches found!
node 25 checked!...30 matches found!
node 26 checked!...36 matches found!
node 27 checked!...27 matches found!
node 28 checked!...31 matches found!
node 29 checked!...33 matches found!
node 30 checked!...37 matches found!

Voting array
--------------
[32 29 28 34 32 27 24 30 28 28 31 32 29 28 28 29 34 29 32 29 31 29 36 38 30
 36 27 31 33 37]

Putative nodes
------------
[ 4 23 26 30 24]

Best matching node from voting array
----------------------------------------
24

Presence of query node in putative nodes
----------------------------------------
Present


Node 30 -> query image 6
------------------------

73 features detected!

Checking for matches...

node 1 checked!...25 matches found!
node 2 checked!...28 matches found!
node 3 checked!...27 matches found!
node 4 checked!...30 matches found!
node 5 checked!...30 matches found!
node 6 checked!...31 matches found!
node 7 checked!...28 matches found!
node 8 checked!...34 matches found!
node 9 checked!...26 matches found!
node 10 checked!...29 matches found!
node 11 checked!...29 matches found!
node 12 checked!...30 matches found!
node 13 checked!...28 matches found!
```

```
node 14 checked!...25 matches found!
node 15 checked!...26 matches found!
node 16 checked!...38 matches found!
node 17 checked!...31 matches found!
node 18 checked!...29 matches found!
node 19 checked!...26 matches found!
node 20 checked!...23 matches found!
node 21 checked!...31 matches found!
node 22 checked!...24 matches found!
node 23 checked!...29 matches found!
node 24 checked!...34 matches found!
node 25 checked!...27 matches found!
node 26 checked!...28 matches found!
node 27 checked!...29 matches found!
node 28 checked!...30 matches found!
node 29 checked!...34 matches found!
node 30 checked!...35 matches found!
```

Voting array

[25 28 27 30 30 31 28 34 26 29 29 30 28 25 26 38 31 29 26 23 31 24 29 34 27
 28 29 30 34 35]

Putative nodes

[29 8 24 16 30]

Best matching node from voting array

16

Presence of query node in putative nodes

Present

Node 30 -> query image 7
----

44 features detected!

Checking for matches...

```
node 1 checked!...22 matches found!
node 2 checked!...23 matches found!
node 3 checked!...21 matches found!
node 4 checked!...26 matches found!
node 5 checked!...22 matches found!
node 6 checked!...21 matches found!
node 7 checked!...19 matches found!
node 8 checked!...25 matches found!
node 9 checked!...16 matches found!
node 10 checked!...22 matches found!
node 11 checked!...24 matches found!
node 12 checked!...27 matches found!
node 13 checked!...23 matches found!
node 14 checked!...25 matches found!
node 15 checked!...25 matches found!
node 16 checked!...23 matches found!
node 17 checked!...23 matches found!
node 18 checked!...24 matches found!
node 19 checked!...27 matches found!
```

```
node 20 checked!...25 matches found!
node 21 checked!...24 matches found!
node 22 checked!...21 matches found!
node 23 checked!...22 matches found!
node 24 checked!...23 matches found!
node 25 checked!...21 matches found!
node 26 checked!...25 matches found!
node 27 checked!...26 matches found!
node 28 checked!...21 matches found!
node 29 checked!...23 matches found!
node 30 checked!...24 matches found!

Voting array
--------------
[22 23 21 26 22 21 19 25 16 22 24 27 23 25 25 23 23 24 27 25 24 21 22 23 21
 25 26 21 23 24]

Putative nodes
------------
[14  4 27 12 19]

Best matching node from voting array
----------------------------------------
12

Presence of query node in putative nodes
----------------------------------------
Absent


Node 30 -> query image 8
------------------------

18 features detected!

Checking for matches...

node 1 checked!...11 matches found!
node 2 checked!...9 matches found!
node 3 checked!...11 matches found!
node 4 checked!...12 matches found!
node 5 checked!...10 matches found!
node 6 checked!...10 matches found!
node 7 checked!...10 matches found!
node 8 checked!...11 matches found!
node 9 checked!...9 matches found!
node 10 checked!...9 matches found!
node 11 checked!...10 matches found!
node 12 checked!...11 matches found!
node 13 checked!...11 matches found!
node 14 checked!...10 matches found!
node 15 checked!...12 matches found!
node 16 checked!...10 matches found!
node 17 checked!...11 matches found!
node 18 checked!...9 matches found!
node 19 checked!...11 matches found!
node 20 checked!...10 matches found!
node 21 checked!...12 matches found!
node 22 checked!...8 matches found!
node 23 checked!...9 matches found!
node 24 checked!...11 matches found!
node 25 checked!...11 matches found!
```

```
node 26 checked!...10 matches found!
node 27 checked!...10 matches found!
node 28 checked!...9 matches found!
node 29 checked!...12 matches found!
node 30 checked!...12 matches found!

Voting array
--------------
[11  9 11 12 10 10 10 11  9  9 10 11 11 10 12 10 11  9 11 10 12  8  9 11 11
 10 10  9 12 12]

Putative nodes
------------
[29 15 21  4 30]

Best matching node from voting array
----------------------------------------
4

Presence of query node in putative nodes
----------------------------------------
Present


Node 30 -> query image 9
------------------------

89 features detected!

Checking for matches...

node 1 checked!...31 matches found!
node 2 checked!...32 matches found!
node 3 checked!...34 matches found!
node 4 checked!...37 matches found!
node 5 checked!...34 matches found!
node 6 checked!...33 matches found!
node 7 checked!...27 matches found!
node 8 checked!...40 matches found!
node 9 checked!...35 matches found!
node 10 checked!...38 matches found!
node 11 checked!...39 matches found!
node 12 checked!...34 matches found!
node 13 checked!...34 matches found!
node 14 checked!...36 matches found!
node 15 checked!...34 matches found!
node 16 checked!...36 matches found!
node 17 checked!...34 matches found!
node 18 checked!...40 matches found!
node 19 checked!...31 matches found!
node 20 checked!...36 matches found!
node 21 checked!...37 matches found!
node 22 checked!...33 matches found!
node 23 checked!...37 matches found!
node 24 checked!...33 matches found!
node 25 checked!...32 matches found!
node 26 checked!...33 matches found!
node 27 checked!...41 matches found!
node 28 checked!...38 matches found!
node 29 checked!...34 matches found!
node 30 checked!...34 matches found!
```

Voting array

[31 32 34 37 34 33 27 40 35 38 39 34 34 36 34 36 34 40 31 36 37 33 37 33 32
 33 41 38 34 34]

Putative nodes

[10 27 11 18 8]

Best matching node from voting array

27

Presence of query node in putative nodes

Absent

Node 30 -> query image 10
----

93 features detected!

Checking for matches...

node 1 checked!...31 matches found!
node 2 checked!...32 matches found!
node 3 checked!...29 matches found!
node 4 checked!...37 matches found!
node 5 checked!...33 matches found!
node 6 checked!...28 matches found!
node 7 checked!...24 matches found!
node 8 checked!...33 matches found!
node 9 checked!...30 matches found!
node 10 checked!...28 matches found!
node 11 checked!...33 matches found!
node 12 checked!...31 matches found!
node 13 checked!...30 matches found!
node 14 checked!...30 matches found!
node 15 checked!...27 matches found!
node 16 checked!...29 matches found!
node 17 checked!...34 matches found!
node 18 checked!...30 matches found!
node 19 checked!...35 matches found!
node 20 checked!...30 matches found!
node 21 checked!...29 matches found!
node 22 checked!...28 matches found!
node 23 checked!...38 matches found!
node 24 checked!...36 matches found!
node 25 checked!...32 matches found!
node 26 checked!...36 matches found!
node 27 checked!...27 matches found!
node 28 checked!...33 matches found!
node 29 checked!...35 matches found!
node 30 checked!...39 matches found!

Voting array

[31 32 29 37 33 28 24 33 30 28 33 31 30 30 27 29 34 30 35 30 29 28 38 36 32
 36 27 33 35 39]

Putative nodes

```
------------
[24  4 26 23 30]
```

Best matching node from voting array

30

Presence of query node in putative nodes

Present

Node 30 -> query image 11
----

70 features detected!

Checking for matches...

node 1 checked!...28 matches found!
node 2 checked!...28 matches found!
node 3 checked!...29 matches found!
node 4 checked!...37 matches found!
node 5 checked!...34 matches found!
node 6 checked!...33 matches found!
node 7 checked!...25 matches found!
node 8 checked!...30 matches found!
node 9 checked!...23 matches found!
node 10 checked!...28 matches found!
node 11 checked!...30 matches found!
node 12 checked!...28 matches found!
node 13 checked!...29 matches found!
node 14 checked!...31 matches found!
node 15 checked!...27 matches found!
node 16 checked!...37 matches found!
node 17 checked!...35 matches found!
node 18 checked!...35 matches found!
node 19 checked!...32 matches found!
node 20 checked!...31 matches found!
node 21 checked!...31 matches found!
node 22 checked!...27 matches found!
node 23 checked!...35 matches found!
node 24 checked!...31 matches found!
node 25 checked!...26 matches found!
node 26 checked!...28 matches found!
node 27 checked!...29 matches found!
node 28 checked!...32 matches found!
node 29 checked!...32 matches found!
node 30 checked!...34 matches found!

Voting array

[28 28 29 37 34 33 25 30 23 28 30 28 29 31 27 37 35 35 32 31 31 27 35 31 26
 28 29 32 32 34]

Putative nodes

[17 18 23 4 16]

Best matching node from voting array

4

Presence of query node in putative nodes

Absent

Node 30 -> query image 12
----

43 features detected!

Checking for matches...

node 1 checked!...22 matches found!
node 2 checked!...22 matches found!
node 3 checked!...25 matches found!
node 4 checked!...24 matches found!
node 5 checked!...21 matches found!
node 6 checked!...22 matches found!
node 7 checked!...17 matches found!
node 8 checked!...20 matches found!
node 9 checked!...21 matches found!
node 10 checked!...23 matches found!
node 11 checked!...24 matches found!
node 12 checked!...22 matches found!
node 13 checked!...24 matches found!
node 14 checked!...21 matches found!
node 15 checked!...24 matches found!
node 16 checked!...26 matches found!
node 17 checked!...25 matches found!
node 18 checked!...20 matches found!
node 19 checked!...23 matches found!
node 20 checked!...24 matches found!
node 21 checked!...28 matches found!
node 22 checked!...17 matches found!
node 23 checked!...23 matches found!
node 24 checked!...25 matches found!
node 25 checked!...18 matches found!
node 26 checked!...20 matches found!
node 27 checked!...25 matches found!
node 28 checked!...23 matches found!
node 29 checked!...19 matches found!
node 30 checked!...24 matches found!

Voting array

[22 22 25 24 21 22 17 20 21 23 24 22 24 21 24 26 25 20 23 24 28 17 23 25 18
 20 25 23 19 24]

Putative nodes

[27 17 16 24 21]

Best matching node from voting array

21

Presence of query node in putative nodes

Absent

Node 30 -> query image 13
----

47 features detected!

Checking for matches...

node 1 checked!...22 matches found!
node 2 checked!...24 matches found!
node 3 checked!...27 matches found!
node 4 checked!...26 matches found!
node 5 checked!...24 matches found!
node 6 checked!...22 matches found!
node 7 checked!...18 matches found!
node 8 checked!...22 matches found!
node 9 checked!...22 matches found!
node 10 checked!...23 matches found!
node 11 checked!...26 matches found!
node 12 checked!...19 matches found!
node 13 checked!...21 matches found!
node 14 checked!...24 matches found!
node 15 checked!...18 matches found!
node 16 checked!...26 matches found!
node 17 checked!...24 matches found!
node 18 checked!...24 matches found!
node 19 checked!...22 matches found!
node 20 checked!...22 matches found!
node 21 checked!...26 matches found!
node 22 checked!...18 matches found!
node 23 checked!...25 matches found!
node 24 checked!...24 matches found!
node 25 checked!...23 matches found!
node 26 checked!...22 matches found!
node 27 checked!...23 matches found!
node 28 checked!...25 matches found!
node 29 checked!...21 matches found!
node 30 checked!...24 matches found!

Voting array

[22 24 27 26 24 22 18 22 22 23 26 19 21 24 18 26 24 24 22 22 26 18 25 24 23
 22 23 25 21 24]

Putative nodes

[4 16 21 3 11]

Best matching node from voting array

3

Presence of query node in putative nodes

Absent

Node 30 -> query image 14
----

0 features detected!

Checking for matches...

```
node 1 checked!...0 matches found!
node 2 checked!...0 matches found!
node 3 checked!...0 matches found!
node 4 checked!...0 matches found!
node 5 checked!...0 matches found!
node 6 checked!...0 matches found!
node 7 checked!...0 matches found!
node 8 checked!...0 matches found!
node 9 checked!...0 matches found!
node 10 checked!...0 matches found!
node 11 checked!...0 matches found!
node 12 checked!...0 matches found!
node 13 checked!...0 matches found!
node 14 checked!...0 matches found!
node 15 checked!...0 matches found!
node 16 checked!...0 matches found!
node 17 checked!...0 matches found!
node 18 checked!...0 matches found!
node 19 checked!...0 matches found!
node 20 checked!...0 matches found!
node 21 checked!...0 matches found!
node 22 checked!...0 matches found!
node 23 checked!...0 matches found!
node 24 checked!...0 matches found!
node 25 checked!...0 matches found!
node 26 checked!...0 matches found!
node 27 checked!...0 matches found!
node 28 checked!...0 matches found!
node 29 checked!...0 matches found!
node 30 checked!...0 matches found!

Voting array
--------------
[0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0]

Unable to predict a matching node and putative nodes!

Node 30 -> query image 15
------------------------

91 features detected!

Checking for matches...

node 1 checked!...37 matches found!
node 2 checked!...32 matches found!
node 3 checked!...33 matches found!
node 4 checked!...38 matches found!
node 5 checked!...37 matches found!
node 6 checked!...28 matches found!
node 7 checked!...26 matches found!
node 8 checked!...33 matches found!
node 9 checked!...29 matches found!
node 10 checked!...28 matches found!
node 11 checked!...32 matches found!
node 12 checked!...33 matches found!
node 13 checked!...31 matches found!
node 14 checked!...32 matches found!
node 15 checked!...31 matches found!
node 16 checked!...31 matches found!
node 17 checked!...36 matches found!
```

```
node 18 checked!...31 matches found!
node 19 checked!...35 matches found!
node 20 checked!...35 matches found!
node 21 checked!...39 matches found!
node 22 checked!...32 matches found!
node 23 checked!...36 matches found!
node 24 checked!...40 matches found!
node 25 checked!...34 matches found!
node 26 checked!...38 matches found!
node 27 checked!...36 matches found!
node 28 checked!...36 matches found!
node 29 checked!...35 matches found!
node 30 checked!...40 matches found!


Voting array
--------------
[37 32 33 38 37 28 26 33 29 28 32 33 31 32 31 31 36 31 35 35 39 32 36 40 34
 38 36 36 35 40]

Putative nodes
------------
[ 4 26 21 24 30]

Best matching node from voting array
----------------------------------------
24

Presence of query node in putative nodes
----------------------------------------
Present


Node 30 -> query image 16
------------------------

84 features detected!

Checking for matches...

node 1 checked!...29 matches found!
node 2 checked!...29 matches found!
node 3 checked!...34 matches found!
node 4 checked!...37 matches found!
node 5 checked!...34 matches found!
node 6 checked!...33 matches found!
node 7 checked!...27 matches found!
node 8 checked!...33 matches found!
node 9 checked!...30 matches found!
node 10 checked!...30 matches found!
node 11 checked!...32 matches found!
node 12 checked!...30 matches found!
node 13 checked!...33 matches found!
node 14 checked!...31 matches found!
node 15 checked!...30 matches found!
node 16 checked!...35 matches found!
node 17 checked!...38 matches found!
node 18 checked!...33 matches found!
node 19 checked!...27 matches found!
node 20 checked!...36 matches found!
node 21 checked!...35 matches found!
node 22 checked!...31 matches found!
node 23 checked!...35 matches found!
```

```
node 24 checked!...32 matches found!
node 25 checked!...32 matches found!
node 26 checked!...34 matches found!
node 27 checked!...30 matches found!
node 28 checked!...34 matches found!
node 29 checked!...32 matches found!
node 30 checked!...37 matches found!

Voting array
--------------
[29 29 34 37 34 33 27 33 30 30 32 30 33 31 30 35 38 33 27 36 35 31 35 32 32
 34 30 34 32 37]

Putative nodes
------------
[23 20  4 17 30]

Best matching node from voting array
----------------------------------------
17

Presence of query node in putative nodes
----------------------------------------
Present


Node 30 -> query image 17
------------------------

95 features detected!

Checking for matches...

node 1 checked!...33 matches found!
node 2 checked!...31 matches found!
node 3 checked!...34 matches found!
node 4 checked!...38 matches found!
node 5 checked!...39 matches found!
node 6 checked!...37 matches found!
node 7 checked!...31 matches found!
node 8 checked!...37 matches found!
node 9 checked!...34 matches found!
node 10 checked!...38 matches found!
node 11 checked!...39 matches found!
node 12 checked!...37 matches found!
node 13 checked!...36 matches found!
node 14 checked!...31 matches found!
node 15 checked!...33 matches found!
node 16 checked!...39 matches found!
node 17 checked!...40 matches found!
node 18 checked!...37 matches found!
node 19 checked!...35 matches found!
node 20 checked!...34 matches found!
node 21 checked!...41 matches found!
node 22 checked!...32 matches found!
node 23 checked!...41 matches found!
node 24 checked!...35 matches found!
node 25 checked!...33 matches found!
node 26 checked!...32 matches found!
node 27 checked!...42 matches found!
node 28 checked!...42 matches found!
node 29 checked!...35 matches found!
```

node 30 checked!...37 matches found!

Voting array

[33 31 34 38 39 37 31 37 34 38 39 37 36 31 33 39 40 37 35 34 41 32 41 35 33
 32 42 42 35 37]

Putative nodes

[17 27 28 21 23]

Best matching node from voting array

27

Presence of query node in putative nodes

Absent

Node 30 -> query image 18
----

95 features detected!

Checking for matches...

node 1 checked!...38 matches found!
node 2 checked!...37 matches found!
node 3 checked!...39 matches found!
node 4 checked!...41 matches found!
node 5 checked!...40 matches found!
node 6 checked!...35 matches found!
node 7 checked!...36 matches found!
node 8 checked!...39 matches found!
node 9 checked!...34 matches found!
node 10 checked!...34 matches found!
node 11 checked!...32 matches found!
node 12 checked!...37 matches found!
node 13 checked!...40 matches found!
node 14 checked!...33 matches found!
node 15 checked!...29 matches found!
node 16 checked!...37 matches found!
node 17 checked!...39 matches found!
node 18 checked!...37 matches found!
node 19 checked!...35 matches found!
node 20 checked!...28 matches found!
node 21 checked!...43 matches found!
node 22 checked!...34 matches found!
node 23 checked!...39 matches found!
node 24 checked!...36 matches found!
node 25 checked!...41 matches found!
node 26 checked!...40 matches found!
node 27 checked!...36 matches found!
node 28 checked!...40 matches found!
node 29 checked!...34 matches found!
node 30 checked!...36 matches found!

Voting array

[38 37 39 41 40 35 36 39 34 34 32 37 40 33 29 37 39 37 35 28 43 34 39 36 41
 40 36 40 34 36]

Putative nodes

[26 5 25 4 21]

Best matching node from voting array

21

Presence of query node in putative nodes

Absent

Node 30 -> query image 19
----

88 features detected!

Checking for matches...

node 1 checked!...30 matches found!
node 2 checked!...32 matches found!
node 3 checked!...33 matches found!
node 4 checked!...34 matches found!
node 5 checked!...36 matches found!
node 6 checked!...30 matches found!
node 7 checked!...31 matches found!
node 8 checked!...29 matches found!
node 9 checked!...26 matches found!
node 10 checked!...33 matches found!
node 11 checked!...32 matches found!
node 12 checked!...34 matches found!
node 13 checked!...32 matches found!
node 14 checked!...29 matches found!
node 15 checked!...24 matches found!
node 16 checked!...27 matches found!
node 17 checked!...33 matches found!
node 18 checked!...31 matches found!
node 19 checked!...28 matches found!
node 20 checked!...32 matches found!
node 21 checked!...33 matches found!
node 22 checked!...27 matches found!
node 23 checked!...37 matches found!
node 24 checked!...31 matches found!
node 25 checked!...32 matches found!
node 26 checked!...32 matches found!
node 27 checked!...29 matches found!
node 28 checked!...36 matches found!
node 29 checked!...31 matches found!
node 30 checked!...37 matches found!

Voting array

[30 32 33 34 36 30 31 29 26 33 32 34 32 29 24 27 33 31 28 32 33 27 37 31 32
 32 29 36 31 37]

Putative nodes

[4 5 28 23 30]

Best matching node from voting array

```
-----------------------------------------
23

Presence of query node in putative nodes
-----------------------------------------
Present


Node 30 -> query image 20
-------------------------

100 features detected!

Checking for matches...

node 1 checked!...36 matches found!
node 2 checked!...31 matches found!
node 3 checked!...39 matches found!
node 4 checked!...42 matches found!
node 5 checked!...39 matches found!
node 6 checked!...39 matches found!
node 7 checked!...32 matches found!
node 8 checked!...38 matches found!
node 9 checked!...31 matches found!
node 10 checked!...37 matches found!
node 11 checked!...39 matches found!
node 12 checked!...35 matches found!
node 13 checked!...37 matches found!
node 14 checked!...29 matches found!
node 15 checked!...36 matches found!
node 16 checked!...40 matches found!
node 17 checked!...43 matches found!
node 18 checked!...39 matches found!
node 19 checked!...37 matches found!
node 20 checked!...37 matches found!
node 21 checked!...43 matches found!
node 22 checked!...32 matches found!
node 23 checked!...39 matches found!
node 24 checked!...38 matches found!
node 25 checked!...35 matches found!
node 26 checked!...40 matches found!
node 27 checked!...41 matches found!
node 28 checked!...42 matches found!
node 29 checked!...36 matches found!
node 30 checked!...37 matches found!

Voting array
--------------
[36 31 39 42 39 39 32 38 31 37 39 35 37 29 36 40 43 39 37 37 43 32 39 38 35
 40 41 42 36 37]

Putative nodes
------------
[27 21 28 17  4]

Best matching node from voting array
-----------------------------------------
17

Presence of query node in putative nodes
-----------------------------------------
Absent
```

Node 30 -> query image 21
----

100 features detected!

Checking for matches...

node 1 checked!...37 matches found!
node 2 checked!...36 matches found!
node 3 checked!...39 matches found!
node 4 checked!...41 matches found!
node 5 checked!...42 matches found!
node 6 checked!...38 matches found!
node 7 checked!...35 matches found!
node 8 checked!...40 matches found!
node 9 checked!...33 matches found!
node 10 checked!...35 matches found!
node 11 checked!...36 matches found!
node 12 checked!...35 matches found!
node 13 checked!...35 matches found!
node 14 checked!...33 matches found!
node 15 checked!...36 matches found!
node 16 checked!...43 matches found!
node 17 checked!...41 matches found!
node 18 checked!...37 matches found!
node 19 checked!...39 matches found!
node 20 checked!...28 matches found!
node 21 checked!...41 matches found!
node 22 checked!...29 matches found!
node 23 checked!...41 matches found!
node 24 checked!...37 matches found!
node 25 checked!...41 matches found!
node 26 checked!...36 matches found!
node 27 checked!...41 matches found!
node 28 checked!...44 matches found!
node 29 checked!...40 matches found!
node 30 checked!...42 matches found!

Voting array

[37 36 39 41 42 38 35 40 33 35 36 35 35 33 36 43 41 37 39 28 41 29 41 37 41
 36 41 44 40 42]

Putative nodes

[21 30 28 5 16]

Best matching node from voting array

28

Presence of query node in putative nodes

Present

Node 30 -> query image 22
----

99 features detected!

Checking for matches...

node 1 checked!...36 matches found!
node 2 checked!...36 matches found!
node 3 checked!...38 matches found!
node 4 checked!...40 matches found!
node 5 checked!...41 matches found!
node 6 checked!...39 matches found!
node 7 checked!...37 matches found!
node 8 checked!...38 matches found!
node 9 checked!...31 matches found!
node 10 checked!...30 matches found!
node 11 checked!...31 matches found!
node 12 checked!...37 matches found!
node 13 checked!...38 matches found!
node 14 checked!...35 matches found!
node 15 checked!...28 matches found!
node 16 checked!...39 matches found!
node 17 checked!...39 matches found!
node 18 checked!...36 matches found!
node 19 checked!...34 matches found!
node 20 checked!...30 matches found!
node 21 checked!...44 matches found!
node 22 checked!...34 matches found!
node 23 checked!...42 matches found!
node 24 checked!...37 matches found!
node 25 checked!...39 matches found!
node 26 checked!...40 matches found!
node 27 checked!...36 matches found!
node 28 checked!...40 matches found!
node 29 checked!...38 matches found!
node 30 checked!...41 matches found!

Voting array

[36 36 38 40 41 39 37 38 31 30 31 37 38 35 28 39 39 36 34 30 44 34 42 37 39
 40 36 40 38 41]

Putative nodes

[26 30 23 5 21]

Best matching node from voting array

21

Presence of query node in putative nodes

Present

Node 30 -> query image 23
----

98 features detected!

Checking for matches...

node 1 checked!...35 matches found!
node 2 checked!...31 matches found!
node 3 checked!...36 matches found!

```
node 4 checked!...40 matches found!
node 5 checked!...37 matches found!
node 6 checked!...32 matches found!
node 7 checked!...34 matches found!
node 8 checked!...43 matches found!
node 9 checked!...32 matches found!
node 10 checked!...28 matches found!
node 11 checked!...34 matches found!
node 12 checked!...35 matches found!
node 13 checked!...36 matches found!
node 14 checked!...29 matches found!
node 15 checked!...31 matches found!
node 16 checked!...32 matches found!
node 17 checked!...37 matches found!
node 18 checked!...35 matches found!
node 19 checked!...31 matches found!
node 20 checked!...36 matches found!
node 21 checked!...34 matches found!
node 22 checked!...30 matches found!
node 23 checked!...39 matches found!
node 24 checked!...38 matches found!
node 25 checked!...34 matches found!
node 26 checked!...39 matches found!
node 27 checked!...39 matches found!
node 28 checked!...37 matches found!
node 29 checked!...35 matches found!
node 30 checked!...43 matches found!

Voting array
--------------
[35 31 36 40 37 32 34 43 32 28 34 35 36 29 31 32 37 35 31 36 34 30 39 38 34
 39 39 37 35 43]

Putative nodes
------------
[23 26  4  8 30]

Best matching node from voting array
----------------------------------------
8

Presence of query node in putative nodes
----------------------------------------
Present


Node 30 -> query image 24
------------------------

92 features detected!

Checking for matches...

node 1 checked!...31 matches found!
node 2 checked!...30 matches found!
node 3 checked!...34 matches found!
node 4 checked!...41 matches found!
node 5 checked!...37 matches found!
node 6 checked!...34 matches found!
node 7 checked!...33 matches found!
node 8 checked!...35 matches found!
node 9 checked!...32 matches found!
```

```
node 10 checked!...34 matches found!
node 11 checked!...39 matches found!
node 12 checked!...35 matches found!
node 13 checked!...34 matches found!
node 14 checked!...33 matches found!
node 15 checked!...33 matches found!
node 16 checked!...39 matches found!
node 17 checked!...38 matches found!
node 18 checked!...35 matches found!
node 19 checked!...33 matches found!
node 20 checked!...34 matches found!
node 21 checked!...37 matches found!
node 22 checked!...32 matches found!
node 23 checked!...39 matches found!
node 24 checked!...37 matches found!
node 25 checked!...34 matches found!
node 26 checked!...36 matches found!
node 27 checked!...36 matches found!
node 28 checked!...39 matches found!
node 29 checked!...37 matches found!
node 30 checked!...41 matches found!

Voting array
--------------
[31 30 34 41 37 34 33 35 32 34 39 35 34 33 33 39 38 35 33 34 37 32 39 37 34
 36 36 39 37 41]

Putative nodes
------------
[16 23 28  4 30]

Best matching node from voting array
----------------------------------------
4

Presence of query node in putative nodes
----------------------------------------
Present


Node 30 -> query image 25
-----------------------

87 features detected!

Checking for matches...

node 1 checked!...34 matches found!
node 2 checked!...34 matches found!
node 3 checked!...38 matches found!
node 4 checked!...36 matches found!
node 5 checked!...38 matches found!
node 6 checked!...35 matches found!
node 7 checked!...33 matches found!
node 8 checked!...37 matches found!
node 9 checked!...32 matches found!
node 10 checked!...31 matches found!
node 11 checked!...38 matches found!
node 12 checked!...35 matches found!
node 13 checked!...40 matches found!
node 14 checked!...34 matches found!
node 15 checked!...32 matches found!
```

```
node 16 checked!...35 matches found!
node 17 checked!...38 matches found!
node 18 checked!...37 matches found!
node 19 checked!...36 matches found!
node 20 checked!...29 matches found!
node 21 checked!...38 matches found!
node 22 checked!...30 matches found!
node 23 checked!...37 matches found!
node 24 checked!...40 matches found!
node 25 checked!...35 matches found!
node 26 checked!...35 matches found!
node 27 checked!...40 matches found!
node 28 checked!...42 matches found!
node 29 checked!...36 matches found!
node 30 checked!...38 matches found!

Voting array
--------------
[34 34 38 36 38 35 33 37 32 31 38 35 40 34 32 35 38 37 36 29 38 30 37 40 35
 35 40 42 36 38]

Putative nodes
-------------
[ 3 13 24 28 27]

Best matching node from voting array
----------------------------------------
28

Presence of query node in putative nodes
----------------------------------------
Absent


Node 30 -> query image 26
------------------------

84 features detected!

Checking for matches...

node 1 checked!...31 matches found!
node 2 checked!...38 matches found!
node 3 checked!...41 matches found!
node 4 checked!...39 matches found!
node 5 checked!...40 matches found!
node 6 checked!...38 matches found!
node 7 checked!...35 matches found!
node 8 checked!...44 matches found!
node 9 checked!...31 matches found!
node 10 checked!...40 matches found!
node 11 checked!...32 matches found!
node 12 checked!...37 matches found!
node 13 checked!...39 matches found!
node 14 checked!...33 matches found!
node 15 checked!...30 matches found!
node 16 checked!...40 matches found!
node 17 checked!...36 matches found!
node 18 checked!...34 matches found!
node 19 checked!...36 matches found!
node 20 checked!...31 matches found!
node 21 checked!...39 matches found!
```

```
node 22 checked!...33 matches found!
node 23 checked!...38 matches found!
node 24 checked!...43 matches found!
node 25 checked!...41 matches found!
node 26 checked!...39 matches found!
node 27 checked!...37 matches found!
node 28 checked!...39 matches found!
node 29 checked!...39 matches found!
node 30 checked!...39 matches found!

Voting array
--------------
[31 38 41 39 40 38 35 44 31 40 32 37 39 33 30 40 36 34 36 31 39 33 38 43 41
 39 37 39 39 39]

Putative nodes
------------
[16  3 25  8 24]

Best matching node from voting array
----------------------------------------
8

Presence of query node in putative nodes
----------------------------------------
Absent


Node 30 -> query image 27
------------------------

100 features detected!

Checking for matches...

node 1 checked!...34 matches found!
node 2 checked!...34 matches found!
node 3 checked!...38 matches found!
node 4 checked!...41 matches found!
node 5 checked!...36 matches found!
node 6 checked!...31 matches found!
node 7 checked!...35 matches found!
node 8 checked!...42 matches found!
node 9 checked!...34 matches found!
node 10 checked!...33 matches found!
node 11 checked!...34 matches found!
node 12 checked!...36 matches found!
node 13 checked!...34 matches found!
node 14 checked!...29 matches found!
node 15 checked!...33 matches found!
node 16 checked!...32 matches found!
node 17 checked!...36 matches found!
node 18 checked!...35 matches found!
node 19 checked!...32 matches found!
node 20 checked!...37 matches found!
node 21 checked!...37 matches found!
node 22 checked!...31 matches found!
node 23 checked!...39 matches found!
node 24 checked!...42 matches found!
node 25 checked!...36 matches found!
node 26 checked!...40 matches found!
node 27 checked!...40 matches found!
```

```
node 28 checked!...39 matches found!
node 29 checked!...33 matches found!
node 30 checked!...43 matches found!

Voting array
--------------
[34 34 38 41 36 31 35 42 34 33 34 36 34 29 33 32 36 35 32 37 37 31 39 42 36
 40 40 39 33 43]

Putative nodes
------------
[26  4  8 24 30]

Best matching node from voting array
----------------------------------------
30

Presence of query node in putative nodes
----------------------------------------
Present


Node 30 -> query image 28
-----------------------

76 features detected!

Checking for matches...

node 1 checked!...33 matches found!
node 2 checked!...29 matches found!
node 3 checked!...33 matches found!
node 4 checked!...38 matches found!
node 5 checked!...33 matches found!
node 6 checked!...30 matches found!
node 7 checked!...37 matches found!
node 8 checked!...32 matches found!
node 9 checked!...26 matches found!
node 10 checked!...29 matches found!
node 11 checked!...32 matches found!
node 12 checked!...29 matches found!
node 13 checked!...30 matches found!
node 14 checked!...29 matches found!
node 15 checked!...32 matches found!
node 16 checked!...36 matches found!
node 17 checked!...33 matches found!
node 18 checked!...32 matches found!
node 19 checked!...30 matches found!
node 20 checked!...33 matches found!
node 21 checked!...35 matches found!
node 22 checked!...27 matches found!
node 23 checked!...33 matches found!
node 24 checked!...31 matches found!
node 25 checked!...32 matches found!
node 26 checked!...27 matches found!
node 27 checked!...30 matches found!
node 28 checked!...38 matches found!
node 29 checked!...31 matches found!
node 30 checked!...38 matches found!

Voting array
--------------
```

```
[33 29 33 38 33 30 37 32 26 29 32 29 30 29 32 36 33 32 30 33 35 27 33 31 32
 27 30 38 31 38]
```

Putative nodes

```
[16  7 28  4 30]
```

Best matching node from voting array

4

Presence of query node in putative nodes

Present

Node 30 -> query image 29
----

100 features detected!

Checking for matches...

```
node 1 checked!...30 matches found!
node 2 checked!...31 matches found!
node 3 checked!...34 matches found!
node 4 checked!...42 matches found!
node 5 checked!...40 matches found!
node 6 checked!...32 matches found!
node 7 checked!...33 matches found!
node 8 checked!...40 matches found!
node 9 checked!...31 matches found!
node 10 checked!...37 matches found!
node 11 checked!...33 matches found!
node 12 checked!...35 matches found!
node 13 checked!...39 matches found!
node 14 checked!...35 matches found!
node 15 checked!...31 matches found!
node 16 checked!...41 matches found!
node 17 checked!...35 matches found!
node 18 checked!...39 matches found!
node 19 checked!...34 matches found!
node 20 checked!...37 matches found!
node 21 checked!...38 matches found!
node 22 checked!...31 matches found!
node 23 checked!...41 matches found!
node 24 checked!...39 matches found!
node 25 checked!...37 matches found!
node 26 checked!...32 matches found!
node 27 checked!...41 matches found!
node 28 checked!...39 matches found!
node 29 checked!...39 matches found!
node 30 checked!...39 matches found!
```

Voting array

```
[30 31 34 42 40 32 33 40 31 37 33 35 39 35 31 41 35 39 34 37 38 31 41 39 37
 32 41 39 39 39]
```

Putative nodes

```
[ 5 27 23 16  4]
```

Best matching node from voting array

4

Presence of query node in putative nodes

Absent

Node 30 -> query image 30
----

82 features detected!

Checking for matches...

node 1 checked!...26 matches found!
node 2 checked!...30 matches found!
node 3 checked!...31 matches found!
node 4 checked!...33 matches found!
node 5 checked!...30 matches found!
node 6 checked!...30 matches found!
node 7 checked!...31 matches found!
node 8 checked!...29 matches found!
node 9 checked!...27 matches found!
node 10 checked!...32 matches found!
node 11 checked!...29 matches found!
node 12 checked!...35 matches found!
node 13 checked!...30 matches found!
node 14 checked!...29 matches found!
node 15 checked!...24 matches found!
node 16 checked!...31 matches found!
node 17 checked!...30 matches found!
node 18 checked!...28 matches found!
node 19 checked!...32 matches found!
node 20 checked!...29 matches found!
node 21 checked!...32 matches found!
node 22 checked!...27 matches found!
node 23 checked!...36 matches found!
node 24 checked!...32 matches found!
node 25 checked!...31 matches found!
node 26 checked!...32 matches found!
node 27 checked!...31 matches found!
node 28 checked!...35 matches found!
node 29 checked!...29 matches found!
node 30 checked!...38 matches found!

Voting array

[26 30 31 33 30 30 31 29 27 32 29 35 30 29 24 31 30 28 32 29 32 27 36 32 31
 32 31 35 29 38]

Putative nodes

[4 12 28 23 30]

Best matching node from voting array

30

Presence of query node in putative nodes

```
----------------------------------------
Present


Node 30 -> query image 31
------------------------

100 features detected!

Checking for matches...

node 1 checked!...34 matches found!
node 2 checked!...34 matches found!
node 3 checked!...37 matches found!
node 4 checked!...40 matches found!
node 5 checked!...37 matches found!
node 6 checked!...31 matches found!
node 7 checked!...35 matches found!
node 8 checked!...43 matches found!
node 9 checked!...34 matches found!
node 10 checked!...33 matches found!
node 11 checked!...36 matches found!
node 12 checked!...36 matches found!
node 13 checked!...34 matches found!
node 14 checked!...30 matches found!
node 15 checked!...34 matches found!
node 16 checked!...33 matches found!
node 17 checked!...36 matches found!
node 18 checked!...36 matches found!
node 19 checked!...33 matches found!
node 20 checked!...37 matches found!
node 21 checked!...37 matches found!
node 22 checked!...32 matches found!
node 23 checked!...39 matches found!
node 24 checked!...41 matches found!
node 25 checked!...37 matches found!
node 26 checked!...40 matches found!
node 27 checked!...40 matches found!
node 28 checked!...38 matches found!
node 29 checked!...33 matches found!
node 30 checked!...43 matches found!

Voting array
--------------
[34 34 37 40 37 31 35 43 34 33 36 36 34 30 34 33 36 36 33 37 37 32 39 41 37
 40 40 38 33 43]

Putative nodes
------------
[26 24  4  8 30]

Best matching node from voting array
----------------------------------------
8

Presence of query node in putative nodes
----------------------------------------
Present


Node 30 -> query image 32
------------------------
```

7 features detected!

Checking for matches...

```
node 1 checked!...5 matches found!
node 2 checked!...5 matches found!
node 3 checked!...5 matches found!
node 4 checked!...5 matches found!
node 5 checked!...5 matches found!
node 6 checked!...5 matches found!
node 7 checked!...5 matches found!
node 8 checked!...5 matches found!
node 9 checked!...5 matches found!
node 10 checked!...5 matches found!
node 11 checked!...5 matches found!
node 12 checked!...5 matches found!
node 13 checked!...5 matches found!
node 14 checked!...5 matches found!
node 15 checked!...5 matches found!
node 16 checked!...5 matches found!
node 17 checked!...5 matches found!
node 18 checked!...5 matches found!
node 19 checked!...5 matches found!
node 20 checked!...5 matches found!
node 21 checked!...5 matches found!
node 22 checked!...5 matches found!
node 23 checked!...5 matches found!
node 24 checked!...5 matches found!
node 25 checked!...5 matches found!
node 26 checked!...5 matches found!
node 27 checked!...5 matches found!
node 28 checked!...5 matches found!
node 29 checked!...5 matches found!
node 30 checked!...5 matches found!
```

Voting array

[5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5]

Putative nodes

[11 14 12 10 30]

Best matching node from voting array

1

Presence of query node in putative nodes

Present

Node 30 -> query image 33
----

85 features detected!

Checking for matches...

```
node 1 checked!...37 matches found!
node 2 checked!...32 matches found!
```

```
node 3 checked!...38 matches found!
node 4 checked!...36 matches found!
node 5 checked!...39 matches found!
node 6 checked!...39 matches found!
node 7 checked!...33 matches found!
node 8 checked!...37 matches found!
node 9 checked!...30 matches found!
node 10 checked!...32 matches found!
node 11 checked!...34 matches found!
node 12 checked!...32 matches found!
node 13 checked!...36 matches found!
node 14 checked!...33 matches found!
node 15 checked!...33 matches found!
node 16 checked!...35 matches found!
node 17 checked!...41 matches found!
node 18 checked!...38 matches found!
node 19 checked!...35 matches found!
node 20 checked!...36 matches found!
node 21 checked!...40 matches found!
node 22 checked!...29 matches found!
node 23 checked!...38 matches found!
node 24 checked!...37 matches found!
node 25 checked!...33 matches found!
node 26 checked!...36 matches found!
node 27 checked!...39 matches found!
node 28 checked!...39 matches found!
node 29 checked!...30 matches found!
node 30 checked!...34 matches found!


Voting array
--------------
[37 32 38 36 39 39 33 37 30 32 34 32 36 33 33 35 41 38 35 36 40 29 38 37 33
 36 39 39 30 34]

Putative nodes
------------
[ 6 27  5 17 21]

Best matching node from voting array
----------------------------------------
17

Presence of query node in putative nodes
----------------------------------------
Absent


Node 30 -> query image 34
------------------------

0 features detected!

Checking for matches...

node 1 checked!...0 matches found!
node 2 checked!...0 matches found!
node 3 checked!...0 matches found!
node 4 checked!...0 matches found!
node 5 checked!...0 matches found!
node 6 checked!...0 matches found!
node 7 checked!...0 matches found!
node 8 checked!...0 matches found!
```

```
node 9 checked!...0 matches found!
node 10 checked!...0 matches found!
node 11 checked!...0 matches found!
node 12 checked!...0 matches found!
node 13 checked!...0 matches found!
node 14 checked!...0 matches found!
node 15 checked!...0 matches found!
node 16 checked!...0 matches found!
node 17 checked!...0 matches found!
node 18 checked!...0 matches found!
node 19 checked!...0 matches found!
node 20 checked!...0 matches found!
node 21 checked!...0 matches found!
node 22 checked!...0 matches found!
node 23 checked!...0 matches found!
node 24 checked!...0 matches found!
node 25 checked!...0 matches found!
node 26 checked!...0 matches found!
node 27 checked!...0 matches found!
node 28 checked!...0 matches found!
node 29 checked!...0 matches found!
node 30 checked!...0 matches found!

Voting array
--------------
[0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0]

Unable to predict a matching node and putative nodes!

Node 30 -> query image 35
------------------------

83 features detected!

Checking for matches...

node 1 checked!...33 matches found!
node 2 checked!...36 matches found!
node 3 checked!...38 matches found!
node 4 checked!...40 matches found!
node 5 checked!...42 matches found!
node 6 checked!...33 matches found!
node 7 checked!...36 matches found!
node 8 checked!...41 matches found!
node 9 checked!...35 matches found!
node 10 checked!...36 matches found!
node 11 checked!...34 matches found!
node 12 checked!...34 matches found!
node 13 checked!...41 matches found!
node 14 checked!...34 matches found!
node 15 checked!...32 matches found!
node 16 checked!...37 matches found!
node 17 checked!...36 matches found!
node 18 checked!...34 matches found!
node 19 checked!...36 matches found!
node 20 checked!...38 matches found!
node 21 checked!...35 matches found!
node 22 checked!...34 matches found!
node 23 checked!...44 matches found!
node 24 checked!...38 matches found!
node 25 checked!...39 matches found!
node 26 checked!...42 matches found!
```

```
node 27 checked!...39 matches found!
node 28 checked!...43 matches found!
node 29 checked!...36 matches found!
node 30 checked!...32 matches found!

Voting array
--------------
[33 36 38 40 42 33 36 41 35 36 34 34 41 34 32 37 36 34 36 38 35 34 44 38 39
 42 39 43 36 32]

Putative nodes
------------
[13  5 26 28 23]

Best matching node from voting array
----------------------------------------
23

Presence of query node in putative nodes
----------------------------------------
Absent


Node 30 -> query image 36
-----------------------

0 features detected!

Checking for matches...

node 1 checked!...0 matches found!
node 2 checked!...0 matches found!
node 3 checked!...0 matches found!
node 4 checked!...0 matches found!
node 5 checked!...0 matches found!
node 6 checked!...0 matches found!
node 7 checked!...0 matches found!
node 8 checked!...0 matches found!
node 9 checked!...0 matches found!
node 10 checked!...0 matches found!
node 11 checked!...0 matches found!
node 12 checked!...0 matches found!
node 13 checked!...0 matches found!
node 14 checked!...0 matches found!
node 15 checked!...0 matches found!
node 16 checked!...0 matches found!
node 17 checked!...0 matches found!
node 18 checked!...0 matches found!
node 19 checked!...0 matches found!
node 20 checked!...0 matches found!
node 21 checked!...0 matches found!
node 22 checked!...0 matches found!
node 23 checked!...0 matches found!
node 24 checked!...0 matches found!
node 25 checked!...0 matches found!
node 26 checked!...0 matches found!
node 27 checked!...0 matches found!
node 28 checked!...0 matches found!
node 29 checked!...0 matches found!
node 30 checked!...0 matches found!

Voting array
```

```
--------------
[0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0]

Unable to predict a matching node and putative nodes!

Node 30 -> query image 37
------------------------

26 features detected!

Checking for matches...

node 1 checked!...18 matches found!
node 2 checked!...18 matches found!
node 3 checked!...19 matches found!
node 4 checked!...17 matches found!
node 5 checked!...20 matches found!
node 6 checked!...13 matches found!
node 7 checked!...16 matches found!
node 8 checked!...17 matches found!
node 9 checked!...15 matches found!
node 10 checked!...16 matches found!
node 11 checked!...18 matches found!
node 12 checked!...18 matches found!
node 13 checked!...20 matches found!
node 14 checked!...19 matches found!
node 15 checked!...20 matches found!
node 16 checked!...18 matches found!
node 17 checked!...19 matches found!
node 18 checked!...21 matches found!
node 19 checked!...21 matches found!
node 20 checked!...18 matches found!
node 21 checked!...19 matches found!
node 22 checked!...16 matches found!
node 23 checked!...19 matches found!
node 24 checked!...17 matches found!
node 25 checked!...17 matches found!
node 26 checked!...20 matches found!
node 27 checked!...19 matches found!
node 28 checked!...19 matches found!
node 29 checked!...16 matches found!
node 30 checked!...18 matches found!

Voting array
--------------
[18 18 19 17 20 13 16 17 15 16 18 18 20 19 20 18 19 21 21 18 19 16 19 17 17
 20 19 19 16 18]

Putative nodes
------------
[13 26 19 18 15]

Best matching node from voting array
----------------------------------------
18

Presence of query node in putative nodes
----------------------------------------
Absent


Node 30 -> query image 38
```

----

0 features detected!

Checking for matches...

node 1 checked!...0 matches found!
node 2 checked!...0 matches found!
node 3 checked!...0 matches found!
node 4 checked!...0 matches found!
node 5 checked!...0 matches found!
node 6 checked!...0 matches found!
node 7 checked!...0 matches found!
node 8 checked!...0 matches found!
node 9 checked!...0 matches found!
node 10 checked!...0 matches found!
node 11 checked!...0 matches found!
node 12 checked!...0 matches found!
node 13 checked!...0 matches found!
node 14 checked!...0 matches found!
node 15 checked!...0 matches found!
node 16 checked!...0 matches found!
node 17 checked!...0 matches found!
node 18 checked!...0 matches found!
node 19 checked!...0 matches found!
node 20 checked!...0 matches found!
node 21 checked!...0 matches found!
node 22 checked!...0 matches found!
node 23 checked!...0 matches found!
node 24 checked!...0 matches found!
node 25 checked!...0 matches found!
node 26 checked!...0 matches found!
node 27 checked!...0 matches found!
node 28 checked!...0 matches found!
node 29 checked!...0 matches found!
node 30 checked!...0 matches found!

Voting array

[0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0]

Unable to predict a matching node and putative nodes!

Node 30 -> query image 39
----

88 features detected!

Checking for matches...

node 1 checked!...36 matches found!
node 2 checked!...37 matches found!
node 3 checked!...37 matches found!
node 4 checked!...41 matches found!
node 5 checked!...41 matches found!
node 6 checked!...38 matches found!
node 7 checked!...36 matches found!
node 8 checked!...37 matches found!
node 9 checked!...33 matches found!
node 10 checked!...33 matches found!
node 11 checked!...37 matches found!
node 12 checked!...35 matches found!

```
node 13 checked!...39 matches found!
node 14 checked!...36 matches found!
node 15 checked!...28 matches found!
node 16 checked!...44 matches found!
node 17 checked!...40 matches found!
node 18 checked!...36 matches found!
node 19 checked!...30 matches found!
node 20 checked!...32 matches found!
node 21 checked!...40 matches found!
node 22 checked!...29 matches found!
node 23 checked!...47 matches found!
node 24 checked!...37 matches found!
node 25 checked!...37 matches found!
node 26 checked!...39 matches found!
node 27 checked!...36 matches found!
node 28 checked!...40 matches found!
node 29 checked!...37 matches found!
node 30 checked!...36 matches found!


Voting array
--------------
[36 37 37 41 41 38 36 37 33 33 37 35 39 36 28 44 40 36 30 32 40 29 47 37 37
 39 36 40 37 36]

Putative nodes
------------
[21  4  5 16 23]

Best matching node from voting array
----------------------------------------
23

Presence of query node in putative nodes
----------------------------------------
Absent


Node 30 -> query image 40
------------------------

67 features detected!

Checking for matches...

node 1 checked!...30 matches found!
node 2 checked!...35 matches found!
node 3 checked!...30 matches found!
node 4 checked!...37 matches found!
node 5 checked!...35 matches found!
node 6 checked!...31 matches found!
node 7 checked!...29 matches found!
node 8 checked!...37 matches found!
node 9 checked!...32 matches found!
node 10 checked!...34 matches found!
node 11 checked!...35 matches found!
node 12 checked!...33 matches found!
node 13 checked!...34 matches found!
node 14 checked!...32 matches found!
node 15 checked!...30 matches found!
node 16 checked!...29 matches found!
node 17 checked!...32 matches found!
node 18 checked!...31 matches found!
```

```
node 19 checked!...29 matches found!
node 20 checked!...33 matches found!
node 21 checked!...33 matches found!
node 22 checked!...30 matches found!
node 23 checked!...35 matches found!
node 24 checked!...32 matches found!
node 25 checked!...31 matches found!
node 26 checked!...31 matches found!
node 27 checked!...35 matches found!
node 28 checked!...31 matches found!
node 29 checked!...28 matches found!
node 30 checked!...35 matches found!
```

Voting array

```
[30 35 30 37 35 31 29 37 32 34 35 33 34 32 30 29 32 31 29 33 33 30 35 32 31
 31 35 31 28 35]
```

Putative nodes

```
[11  2 23  4  8]
```

Best matching node from voting array

4

Presence of query node in putative nodes

Absent

 Node 30 testing completed!

Results

Performance criteria

+------+-------------+-------------+-----------+--------+-------------+----------+
| Node | Presence(%) | Accuracy(%) | Precision | Recall | Specificity | F1 Score |
+------+-------------+-------------+-----------+--------+-------------+----------+
1	25.0	92.0	0.062	0.1	0.042	0.948
2	17.5	95.6	0.118	0.05	0.038	0.987
3	15.0	94.1	0.081	0.075	0.042	0.971
4	60.0	84.1	0.083	0.375	0.079	0.857
5	60.0	93.2	0.138	0.2	0.098	0.957
6	5.0	96.6	0.333	0.025	0.024	0.998
7	20.0	96.7	0.5	0.1	0.1	0.997
8	47.5	93.2	0.153	0.225	0.111	0.957
9	25.0	96.9	1.0	0.075	0.081	1.0
10	42.5	96.5	0.462	0.3	0.286	0.988
11	47.5	94.7	0.167	0.15	0.094	0.974
12	20.0	96.4	0.364	0.1	0.093	0.994
13	22.5	94.8	0.074	0.05	0.032	0.978
14	32.5	95.9	0.286	0.15	0.122	0.987
15	22.5	96.4	0.0	0.0	0.0	0.997
16	52.5	95.0	0.167	0.125	0.083	0.978
17	30.0	91.2	0.055	0.1	0.038	0.941
18	32.5	95.3	0.214	0.15	0.107	0.981
19	20.0	96.5	0.0	0.0	0.0	0.998
20	40.0	96.7	0.5	0.175	0.175	0.994
21	57.5	89.8	0.097	0.25	0.081	0.92
```

22	15.0	96.6	0.333	0.025	0.024	0.998
23	67.5	89.2	0.131	0.4	0.123	0.909
24	52.5	93.1	0.169	0.275	0.133	0.953
25	37.5	96.8	0.556	0.125	0.128	0.997
26	45.0	95.1	0.243	0.225	0.153	0.976
27	35.0	95.8	0.176	0.075	0.059	0.988
28	22.5	94.8	0.103	0.075	0.048	0.978
29	22.5	96.8	0.571	0.1	0.103	0.997
30	42.5	95.2	0.13	0.075	0.053	0.983

```
Confusion Matrix
----------------
[[  4.  0.  3. 12.  2.  0.  0.  3.  0.  0.  1.  0.  1.  0.
    0.  0.  1.  0.  0.  0.  2.  0.  5.  0.  0.  0.  1.  1.
    0.  1.  3.]
 [  2.  2.  2.  2.  0.  0.  1.  1.  0.  0.  1.  1.  2.  1.
    0.  1.  7.  0.  0.  0.  3.  0.  2.  2.  0.  0.  2.  3.
    0.  1.  4.]
 [  5.  1.  3.  6.  2.  0.  0.  0.  0.  1.  1.  0.  0.  1.
    0.  1.  4.  2.  0.  0.  6.  0.  2.  0.  0.  1.  1.  1.
    0.  1.  1.]
 [  1.  0.  1. 15.  2.  0.  0.  0.  0.  0.  2.  0.  2.  0.
    0.  0.  1.  0.  0.  0.  2.  0.  8.  0.  0.  1.  0.  0.
    0.  2.  3.]
 [  1.  0.  1. 10.  8.  0.  0.  5.  0.  0.  1.  0.  0.  0.
    0.  1.  2.  0.  0.  0.  1.  0.  2.  1.  0.  1.  0.  1.
    0.  2.  3.]
 [  2.  1.  3.  4.  2.  1.  0.  2.  0.  1.  3.  0.  3.  1.
    0.  1.  2.  0.  0.  0.  4.  0.  1.  2.  0.  1.  0.  0.
    0.  0.  6.]
 [  0.  1.  2.  3.  4.  0.  4.  0.  0.  0.  2.  0.  4.  0.
    0.  3.  1.  1.  0.  2.  2.  0.  2.  4.  1.  1.  0.  0.
    0.  0.  3.]
 [  2.  1.  0. 10.  0.  0.  1.  9.  0.  0.  1.  0.  0.  1.
    0.  0.  1.  0.  0.  0.  2.  0.  3.  1.  0.  2.  1.  0.
    0.  0.  5.]
 [  1.  0.  1.  7.  0.  0.  0.  4.  3.  1.  0.  0.  0.  2.
    1.  3.  1.  1.  1.  0.  3.  0.  4.  1.  0.  0.  0.  2.
    0.  0.  4.]
 [  1.  0.  2.  4.  2.  1.  0.  0.  0. 12.  1.  0.  1.  0.
    0.  0.  1.  2.  0.  1.  5.  0.  1.  0.  2.  1.  1.  0.
    0.  1.  1.]
 [  2.  0.  1.  1.  7.  0.  0.  2.  0.  1.  6.  1.  0.  2.
    0.  1.  3.  0.  0.  0.  3.  0.  6.  0.  0.  2.  0.  0.
    0.  0.  2.]
 [  1.  0.  0.  7.  4.  0.  0.  5.  0.  2.  1.  4.  1.  0.
    0.  0.  4.  0.  0.  0.  4.  0.  2.  3.  0.  0.  0.  0.
    0.  1.  1.]
 [  2.  0.  1.  3.  2.  0.  1.  3.  0.  0.  3.  1.  2.  1.
    0.  3.  2.  1.  0.  0.  9.  0.  3.  0.  0.  0.  0.  1.
    0.  0.  2.]
 [  0.  0.  1.  9.  2.  0.  0.  1.  0.  2.  3.  1.  0.  6.
    1.  0.  0.  0.  0.  0.  1.  0.  3.  3.  0.  4.  0.  0.
    0.  0.  3.]
 [  4.  0.  1.  6.  4.  0.  0.  1.  0.  1.  0.  0.  4.  0.
    0.  3.  2.  0.  0.  0.  1.  3.  0.  0.  2.  1.  3.
    0.  0.  4.]
 [  2.  1.  0.  5.  0.  0.  0.  3.  0.  1.  1.  0.  0.  2.
    0.  5.  2.  2.  0.  0.  4.  0.  9.  0.  0.  0.  0.  2.
    0.  0.  1.]
```

```
[  0.   1.   1.   8.   1.   0.   0.   1.   0.   0.   2.   0.   1.   1.
   0.   0.   4.   4.   0.   3.   6.   0.   5.   1.   0.   0.   0.   0.
   0.   0.   1.]
 [  4.   1.   0.   6.   3.   0.   0.   0.   0.   1.   0.   0.   2.   0.
   0.   0.   0.   6.   0.   0.   3.   0.   4.   5.   0.   1.   0.   3.
   0.   0.   1.]
 [  3.   1.   2.   8.   3.   1.   0.   4.   0.   0.   0.   0.   1.   0.
   0.   0.   3.   0.   0.   0.   1.   0.   3.   3.   1.   1.   0.   3.
   1.   0.   1.]
 [  3.   1.   4.   7.   0.   0.   0.   1.   0.   2.   0.   1.   0.   1.
   0.   2.   2.   0.   0.   7.   3.   0.   2.   1.   0.   0.   0.   0.
   0.   1.   2.]
 [  0.   0.   1.   5.   1.   0.   0.   0.   0.   0.   1.   0.   0.   0.
   0.   1.   3.   1.   0.   0.  10.   1.   4.   0.   0.   3.   2.   1.
   2.   0.   4.]
 [  3.   1.   1.   2.   0.   0.   0.   1.   0.   0.   1.   1.   1.   0.
   0.   0.   5.   1.   0.   0.   4.   1.   8.   5.   0.   1.   1.   0.
   0.   1.   2.]
 [  4.   1.   0.   5.   0.   0.   0.   3.   0.   1.   0.   0.   0.   0.
   0.   1.   0.   1.   0.   0.   1.   0.  16.   5.   0.   1.   0.   0.
   0.   0.   1.]
 [  2.   1.   0.   7.   0.   0.   1.   1.   0.   0.   1.   0.   0.   0.
   0.   0.   4.   1.   1.   0.   1.   0.   3.  11.   0.   1.   0.   0.
   0.   2.   3.]
 [  1.   1.   1.   2.   3.   0.   0.   0.   0.   0.   1.   0.   1.   0.
   0.   3.   3.   1.   0.   0.   4.   0.   2.   3.   5.   2.   1.   1.
   0.   0.   5.]
 [  1.   0.   1.   2.   4.   0.   0.   0.   0.   0.   0.   0.   0.   0.
   0.   0.   2.   1.   0.   1.   8.   0.   4.   1.   0.   9.   1.   0.
   0.   0.   5.]
 [  4.   1.   0.   3.   0.   0.   0.   1.   0.   0.   0.   0.   0.   1.
   0.   0.   5.   1.   0.   0.   4.   0.   4.   5.   0.   1.   3.   0.
   0.   2.   5.]
 [  5.   1.   1.  10.   2.   0.   0.   2.   0.   0.   0.   0.   0.   0.
   1.   0.   1.   0.   0.   0.   2.   0.   1.   4.   0.   0.   0.   3.
   0.   5.   2.]
 [  3.   0.   2.   6.   0.   0.   0.   2.   0.   0.   3.   0.   1.   1.
   0.   0.   3.   1.   0.   0.   2.   0.   7.   2.   0.   1.   0.   1.
   4.   0.   1.]
 [  1.   0.   1.   6.   0.   0.   0.   4.   0.   0.   0.   1.   0.   0.
   0.   1.   4.   1.   0.   0.   3.   0.   3.   2.   0.   0.   2.   3.
   0.   3.   5.]
 [  0.   0.   0.   0.   0.   0.   0.   0.   0.   0.   0.   0.   0.   0.
   0.   0.   0.   0.   0.   0.   0.   0.   0.   0.   0.   0.   0.   0.
   0.   0.   0.]]
Presence/Absence matrix
----------------
[[  4.   0.   3.  12.   2.   0.   0.   3.   0.   0.   1.   0.   1.   0.
   0.   0.   1.   0.   0.   0.   2.   0.   5.   0.   0.   0.   1.   1.
   0.   1.   3.]
 [  2.   2.   2.   2.   0.   0.   1.   1.   0.   0.   1.   1.   2.   1.
   0.   1.   7.   0.   0.   0.   3.   0.   2.   2.   0.   0.   2.   3.
   0.   1.   4.]
 [  5.   1.   3.   6.   2.   0.   0.   0.   0.   1.   1.   0.   0.   1.
   0.   1.   4.   2.   0.   0.   6.   0.   2.   0.   0.   1.   1.   1.
   0.   1.   1.]
 [  1.   0.   1.  15.   2.   0.   0.   0.   0.   0.   2.   0.   2.   0.
   0.   0.   1.   0.   0.   0.   2.   0.   8.   0.   0.   1.   0.   0.
   0.   2.   3.]
 [  1.   0.   1.  10.   8.   0.   0.   5.   0.   0.   1.   0.   0.   0.
   0.   1.   2.   0.   0.   0.   1.   0.   2.   1.   0.   1.   0.   1.
   0.   2.   3.]
```

```
[  2.  1.  3.  4.  2.  1.  0.  2.  0.  1.  3.  0.  3.  1.
   0.  1.  2.  0.  0.  0.  4.  0.  1.  2.  0.  1.  0.  0.
   0.  0.  6.]
[  0.  1.  2.  3.  4.  0.  4.  0.  0.  0.  2.  0.  4.  0.
   0.  3.  1.  1.  0.  2.  2.  0.  2.  4.  1.  1.  0.  0.
   0.  0.  3.]
[  2.  1.  0. 10.  0.  0.  1.  9.  0.  0.  1.  0.  0.  1.
   0.  0.  1.  0.  0.  0.  2.  0.  3.  1.  0.  2.  1.  0.
   0.  0.  5.]
[  1.  0.  1.  7.  0.  0.  0.  4.  3.  1.  0.  0.  0.  2.
   1.  3.  1.  1.  1.  0.  3.  0.  4.  1.  0.  0.  0.  2.
   0.  0.  4.]
[  1.  0.  2.  4.  2.  1.  0.  0.  0. 12.  1.  0.  1.  0.
   0.  0.  1.  2.  0.  1.  5.  0.  1.  0.  2.  1.  1.  0.
   0.  1.  1.]
[  2.  0.  1.  1.  7.  0.  0.  2.  0.  1.  6.  1.  0.  2.
   0.  1.  3.  0.  0.  0.  3.  0.  6.  0.  0.  2.  0.  0.
   0.  0.  2.]
[  1.  0.  0.  7.  4.  0.  0.  5.  0.  2.  1.  4.  1.  0.
   0.  0.  4.  0.  0.  0.  4.  0.  2.  3.  0.  0.  0.  0.
   0.  1.  1.]
[  2.  0.  1.  3.  2.  0.  1.  3.  0.  0.  3.  1.  2.  1.
   0.  3.  2.  1.  0.  0.  9.  0.  3.  0.  0.  0.  0.  1.
   0.  0.  2.]
[  0.  0.  1.  9.  2.  0.  0.  1.  0.  2.  3.  1.  0.  6.
   1.  0.  0.  0.  0.  0.  1.  0.  3.  3.  0.  4.  0.  0.
   0.  0.  3.]
[  4.  0.  1.  6.  4.  0.  0.  1.  0.  1.  0.  0.  4.  0.
   0.  3.  2.  0.  0.  0.  0.  1.  3.  0.  0.  2.  1.  3.
   0.  0.  4.]
[  2.  1.  0.  5.  0.  0.  0.  3.  0.  1.  1.  0.  0.  2.
   0.  5.  2.  2.  0.  0.  4.  0.  9.  0.  0.  0.  0.  2.
   0.  0.  1.]
[  0.  1.  1.  8.  1.  0.  0.  1.  0.  0.  2.  0.  1.  1.
   0.  0.  4.  4.  0.  3.  6.  0.  5.  1.  0.  0.  0.  0.
   0.  0.  1.]
[  4.  1.  0.  6.  3.  0.  0.  0.  0.  1.  0.  0.  2.  0.
   0.  0.  0.  6.  0.  0.  3.  0.  4.  5.  0.  1.  0.  3.
   0.  0.  1.]
[  3.  1.  2.  8.  3.  1.  0.  4.  0.  0.  0.  0.  1.  0.
   0.  0.  3.  0.  0.  0.  1.  0.  3.  3.  1.  1.  0.  3.
   1.  0.  1.]
[  3.  1.  4.  7.  0.  0.  0.  1.  0.  2.  0.  1.  0.  1.
   0.  2.  2.  0.  0.  7.  3.  0.  2.  1.  0.  0.  0.  0.
   0.  1.  2.]
[  0.  0.  1.  5.  1.  0.  0.  0.  0.  0.  1.  0.  0.  0.
   0.  1.  3.  1.  0.  0. 10.  1.  4.  0.  0.  3.  2.  1.
   2.  0.  4.]
[  3.  1.  1.  2.  0.  0.  0.  1.  0.  0.  1.  1.  1.  0.
   0.  0.  5.  1.  0.  0.  4.  1.  8.  5.  0.  1.  1.  0.
   0.  1.  2.]
[  4.  1.  0.  5.  0.  0.  0.  3.  0.  1.  0.  0.  0.  0.
   0.  1.  0.  1.  0.  0.  1.  0. 16.  5.  0.  1.  0.  0.
   0.  0.  1.]
[  2.  1.  0.  7.  0.  0.  1.  1.  0.  0.  1.  0.  0.  0.
   0.  0.  4.  1.  1.  0.  1.  0.  3. 11.  0.  1.  0.  0.
   0.  2.  3.]
[  1.  1.  1.  2.  3.  0.  0.  0.  0.  0.  1.  0.  1.  0.
   0.  3.  3.  1.  0.  0.  4.  0.  2.  3.  5.  2.  1.  1.
   0.  0.  5.]
[  1.  0.  1.  2.  4.  0.  0.  0.  0.  0.  0.  0.  0.  0.
   0.  0.  2.  1.  0.  1.  8.  0.  4.  1.  0.  9.  1.  0.
```

```
    0.   0.   5.]
 [  4.   1.   0.   3.   0.   0.   0.   1.   0.   0.   0.   0.   0.   1.
    0.   0.   5.   1.   0.   0.   4.   0.   4.   5.   0.   1.   3.   0.
    0.   2.   5.]
 [  5.   1.   1.  10.   2.   0.   0.   2.   0.   0.   0.   0.   0.   0.
    1.   0.   1.   0.   0.   0.   2.   0.   1.   4.   0.   0.   0.   3.
    0.   5.   2.]
 [  3.   0.   2.   6.   0.   0.   0.   2.   0.   0.   3.   0.   1.   1.
    0.   0.   3.   1.   0.   0.   2.   0.   7.   2.   0.   1.   0.   1.
    4.   0.   1.]
 [  1.   0.   1.   6.   0.   0.   0.   4.   0.   0.   0.   1.   0.   0.
    0.   1.   4.   1.   0.   0.   3.   0.   3.   2.   0.   0.   2.   3.
    0.   3.   5.]
 [  0.   0.   0.   0.   0.   0.   0.   0.   0.   0.   0.   0.   0.   0.
    0.   0.   0.   0.   0.   0.   0.   0.   0.   0.   0.   0.   0.   0.
    0.   0.   0.]]


Time elapsed = 1082.0 min (18.0 h)
```