

Assignment 2

Date: 30/04/2021

Submission Date: 03/05/2021

Pattern 1

```
1
1 2
1 2 3
1 2 3 4
1 2 3 4 5
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Pattern 2

```
A
A B
A B C
A B C D
A B C D E
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Pattern 3

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Pattern 4

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1
2 2
3 3 3
4 4 4 4
5 5 5 5 5
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Pattern 5

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A
B B
C C C
D D D D
E E E E E
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Pattern 6

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Pattern 7

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1 2
1 2 3
1 2 3 4
1 2 3 4 5
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Pattern 8

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5
4 5
3 4 5
2 3 4 5
1 2 3 4 5
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Pattern 9

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A
A B
A B C
A B C D
A B C D E
```

Pattern 10

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E
D E
C D E
B C D E
A B C D E
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Pattern 11

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Pattern 12

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1
2 2
3 3 3
4 4 4 4
5 5 5 5 5
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Pattern 13

```
A
B B
C C C
D D D D
E E E E E
```

Pattern 14

```
1 2 3 4 5
1 2 3 4
1 2 3
1 2
1
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Pattern 15

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5 4 3 2 1
5 4 3 2
5 4 3
5 4
5
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Pattern 16

```
5
5 4
5 4 3
5 4 3 2
5 4 3 2 1
```

Pattern 17

```
1
2 3
4 5 6
7 8 9 10
11 12 13 14 15
```

Pattern 18

```
A B C D E
A B C D
A B C
A B
A
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Pattern 19

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Pattern 20

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Pattern 21

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Pattern 22

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Pattern 23

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Pattern 24

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Pattern 25

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Pattern 26

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Pattern 27

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Pattern 28

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Pattern 29

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Pattern 30

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Pattern 31

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Pattern 32

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Pattern 33

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Pattern 34

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Pattern 35

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Pattern 36

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1
2 2
3 3 3
4 4 4 4
5 5 5 5 5
6 6 6 6 6 6
7 7 7 7 7 7 7
8 8 8 8 8 8 8 8
9 9 9 9 9 9 9 9 9

Pyramid Pattern-1

1
1 2
1 2 3
1 2 3 4
1 2 3 4 5
1 2 3 4 5 6
1 2 3 4 5 6 7
1 2 3 4 5 6 7 8
1 2 3 4 5 6 7 8 9

Pyramid Pattern-2

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Pyramid Pattern-3

1
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1 2 3 2 1
1 2 3 4 3 2 1
1 2 3 4 5 4 3 2 1
1 2 3 4 5 6 5 4 3 2 1
1 2 3 4 5 6 7 6 5 4 3 2 1
1 2 3 4 5 6 7 8 7 6 5 4 3 2 1
1 2 3 4 5 6 7 8 9 8 7 6 5 4 3 2 1

Pyramid Pattern-4

9
8 9 8
7 8 9 8 7
6 7 8 9 8 7 6
5 6 7 8 9 8 7 6 5
4 5 6 7 8 9 8 7 6 5 4
3 4 5 6 7 8 9 8 7 6 5 4 3
2 3 4 5 6 7 8 9 8 7 6 5 4 3 2
1 2 3 4 5 6 7 8 9 8 7 6 5 4 3 2 1

Pyramid Pattern-5

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Inverted Pyramid Pattern-6

9 9 9 9 9 9 9 9 9
8 8 8 8 8 8 8 8 8
7 7 7 7 7 7 7 7 7
6 6 6 6 6 6 6 6 6
5 5 5 5 5 5 5 5 5
4 4 4 4 4 4 4 4 4
3 3 3 3 3 3 3 3 3
2 2 2 2 2 2 2 2 2
1 1 1 1 1 1 1 1 1

Inverted Pyramid Pattern-7

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Half Pyramid

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Inverted Half Pyramid

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Hollow Inverted Half Pyramid

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Full Pyramid

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Inverted Full Pyramid

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Hollow Full Pyramid