

```

"C:\Program Files\Java\jdk-10\bin\java.exe" "-javaagent:C:\Program Files\JetBrains\IntelliJ IDEA Commu
Set#1
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20
20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1
The number of nodes in the tree is 20
The number of children in the tree is 19
Number of children each node has:
1:1 2:1 3:1 4:1 5:1 6:1 7:1 8:1 9:1 10:1 11:1 12:1 13:1 14:1 15:1 16:1 17:1 18:1 19:1 20:0

0 3 4 6 7 8 9 10 12 13 14 15 16 17 18 19 20 21
0 3 4 6 7 8 9 12 10 13 14 15 16 17 18 19 20 21
10 21 20 19 18 17 16 15 14 13 12 9 8 7 6 4 3 0
The number of nodes in the tree is 18
The number of children in the tree is 17
Number of children each node has:
0:1 3:1 4:1 6:1 7:1 8:1 9:1 10:0 12:2 13:1 14:1 15:1 16:1 17:1 18:1 19:1 20:1 21:0

Tree has been freed
=====
Set#2
1 3 5
3 1 5
1 5 3
The number of nodes in the tree is 3
The number of children in the tree is 2
Number of children each node has:
1:0 3:2 5:0

5
5
5
The number of nodes in the tree is 1
The number of children in the tree is 0
Number of children each node has:
5:0

Tree has been freed
=====
Set#3

The number of nodes in the tree is 0
The number of children in the tree is 0
Number of children each node has:


The number of nodes in the tree is 0
The number of children in the tree is 0
Number of children each node has:


Tree has been freed
=====
Set#4
2
2
2
The number of nodes in the tree is 1
The number of children in the tree is 0

```

Number of children each node has:
2:0

The number of nodes in the tree is 0
The number of children in the tree is 0
Number of children each node has:

Tree has been freed

=====
Set#5

8 11 12 15 25 32 37 45 50 60 67 75 90 95 97
11 8 25 12 15 75 37 32 60 45 50 67 90 97 95
8 15 12 32 50 45 67 60 37 95 97 90 75 25 11

The number of nodes in the tree is 15

The number of children in the tree is 14

Number of children each node has:

8:0 11:2 12:1 15:0 25:2 32:0 37:2 45:1 50:0 60:2 67:0 75:2 90:1 95:0 97:1

8 11 12 25 32 40 45 50 60 67 75 90 95 97 99
11 8 25 12 75 32 60 45 40 50 67 90 97 95 99
8 12 40 50 45 67 60 32 95 99 97 90 75 25 11

The number of nodes in the tree is 15

The number of children in the tree is 14

Number of children each node has:

8:0 11:2 12:0 25:2 32:1 40:0 45:2 50:0 60:2 67:0 75:2 90:1 95:0 97:2 99:0

Tree has been freed

=====
Set#6

10 20 30 40 50 60 70 80 90
50 40 30 20 10 60 70 80 90
10 20 30 40 90 80 70 60 50

The number of nodes in the tree is 9

The number of children in the tree is 8

Number of children each node has:

10:0 20:1 30:1 40:1 50:2 60:1 70:1 80:1 90:0

Tree has been freed

=====
Set#7

10 20 30 40 50
30 20 10 40 50
10 20 50 40 30

The number of nodes in the tree is 5

The number of children in the tree is 4

Number of children each node has:

10:0 20:1 30:2 40:1 50:0

Tree has been freed

=====
Process finished with exit code 0