

Node {

int data;

Arraylist < Node > children;

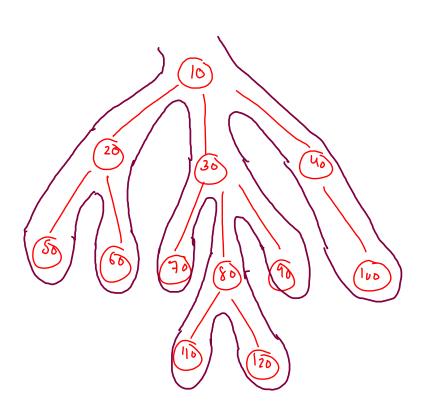
```
40
                                                          20
public static class Node {
                                                                                      70
                                                              50
                                                                          60
   int data;
   ArrayList<Node>children no Al < >()
   Node() {
                                                  100 t = 2K
                                                                                                      215
   Node(int data) {
       this.data = data;
                                                                                                         30
                                                                                  20
public static void main(String[]args) {
   int[]arr = {"ASSUME INPUT"};
                                                                                                        1114 1614
   Node root = construct(arr);
                                                                                                         610
                                                                                   910
                                                                                                                              46
   System.out.println(root.data);
   System.out.println(root.children.size());
```

1110

1616

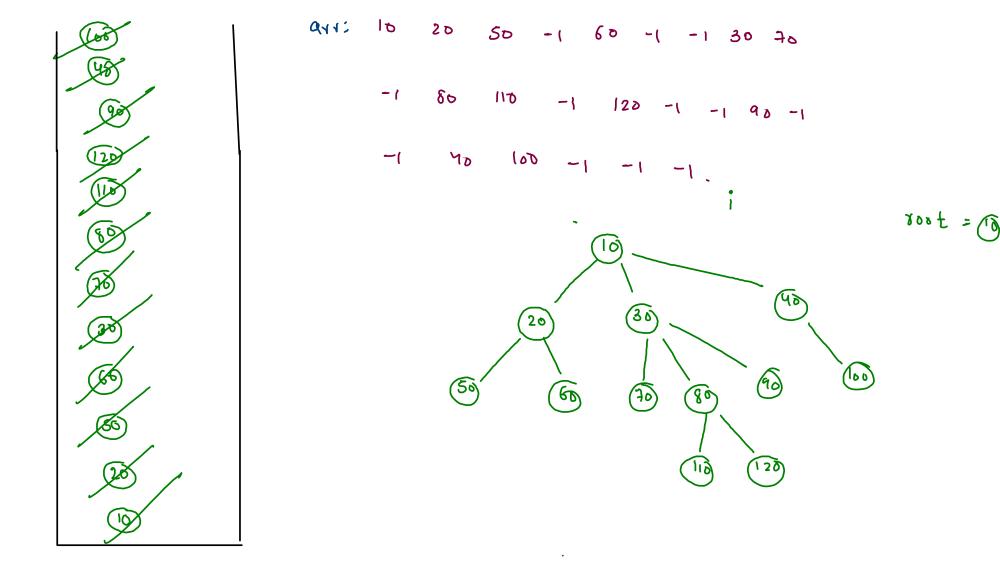
1815

10

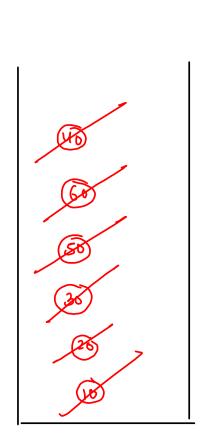


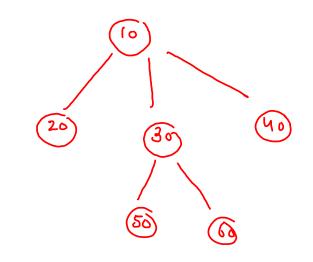
node pre area-, node, data
node post area-, -,

-1 60 110 -1 120 -1 -1 98

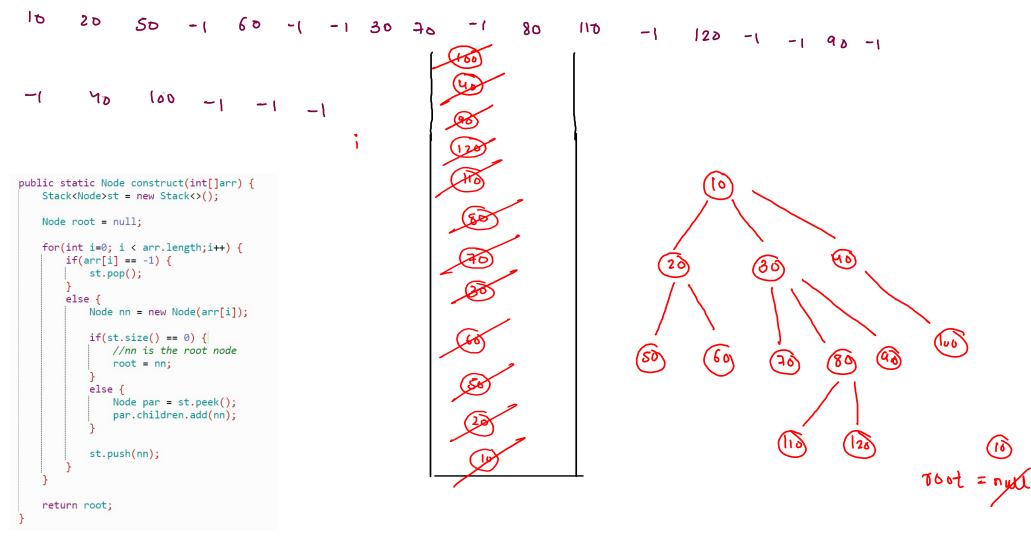


arr: 10 20 -1 36 50 -1 68 -1 -1 40 -1 -1

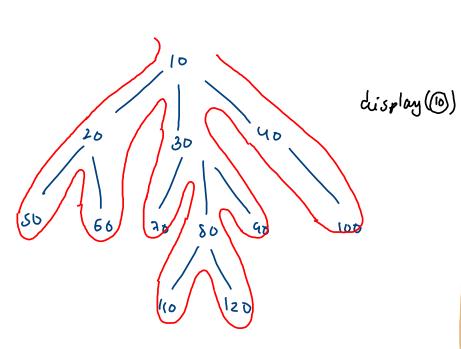




ot = (10



display ()



```
10 -> 20, 30, 40
r20 -> 50,60
                        display (10)
                                  20,30,40
                           display (30),
 120 -
                           display (Gg).
```

```
, 105,0,1
public static void display(Node node) {
   //self task
   System.out.print(node.data + " -> ");
   for(int i = 0; i < node.children.size();i++) {</pre>
       Node child = node.children.get(i);
       System.out.print(child.data + ", ");
                                                                                                    5, 0
                                                                 20 }
                                                                               30
  System.out.println(".");
   for(int i = 0; i < node.children.size();i++) {</pre>
       Node child = node.children.get(i);
       display(child);
                                                                                       5,0,1
                                                      50
                                                                     60
                                                                                                           100
                  S-) Self task
                                                                                         120
```

50 -> . 60 -y .

10 -> 20,30,40,

20 -> 50,60,.

30 -> 70,80,90, 40-7.

80-> 110,120.

1to -> -

120-7.

90-2. 40 -> 100,. 100-2.