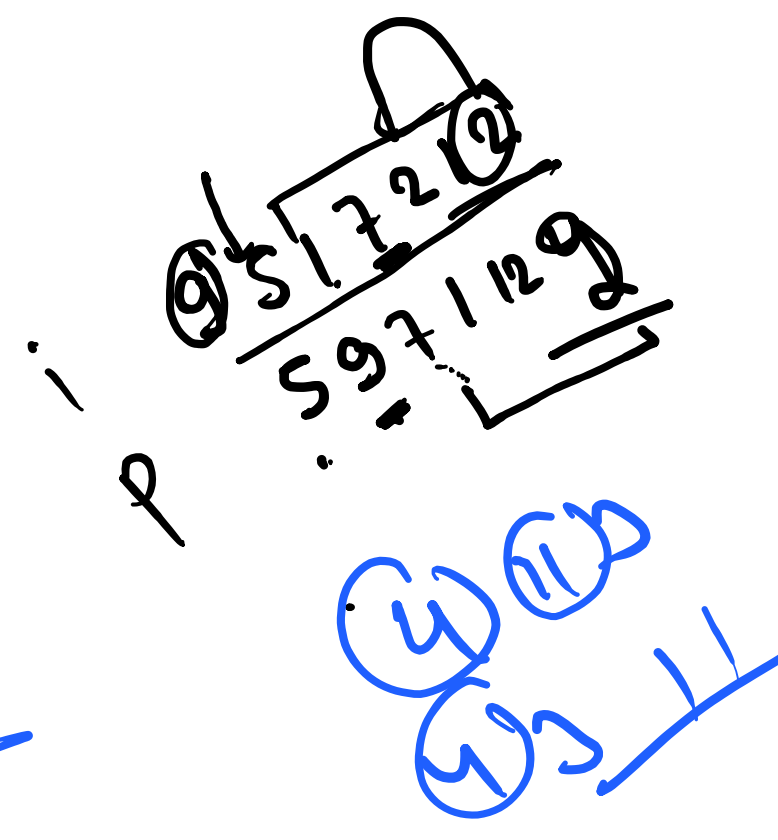
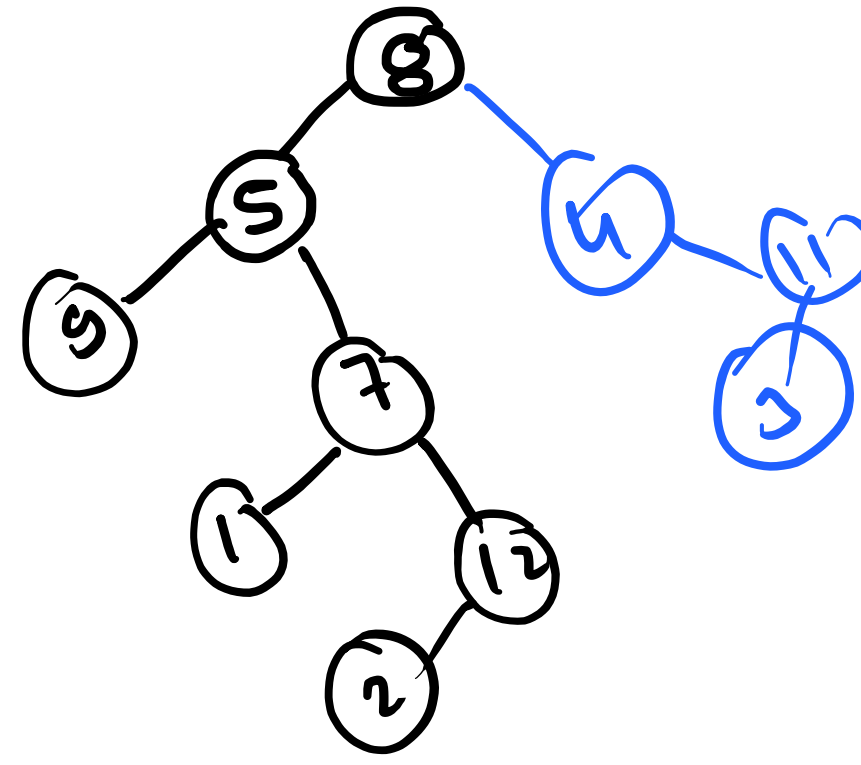
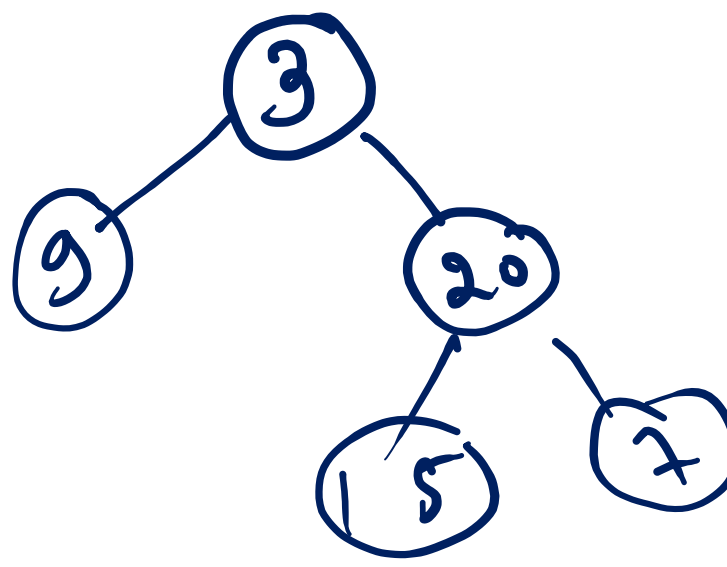


Root Left Right

Left Root Right

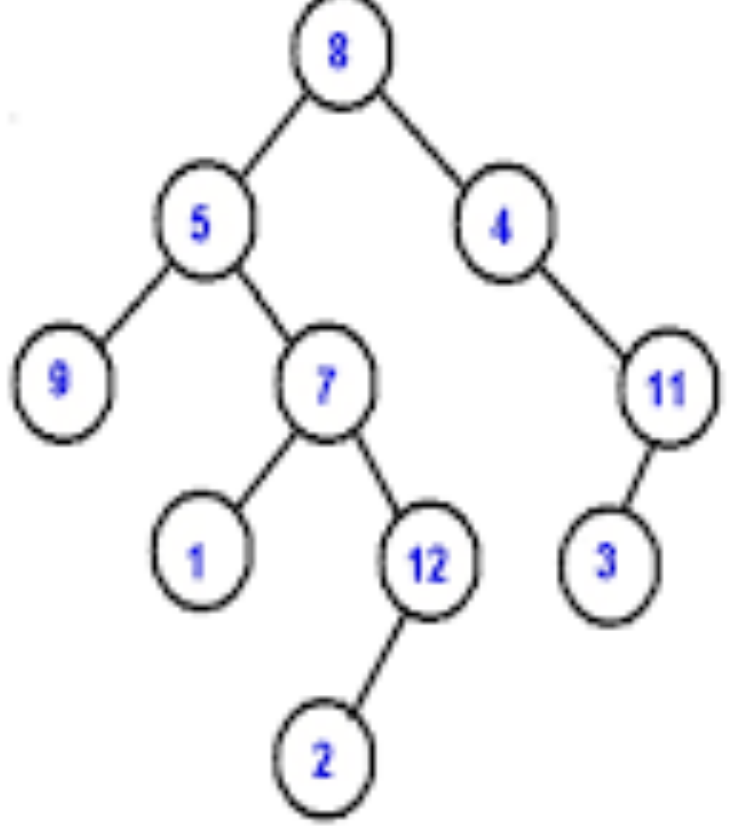
Input: preorder = [3, 9, 20, 15, 7], inorder = [9, 3, 15, 20, 7]



con = idx - i

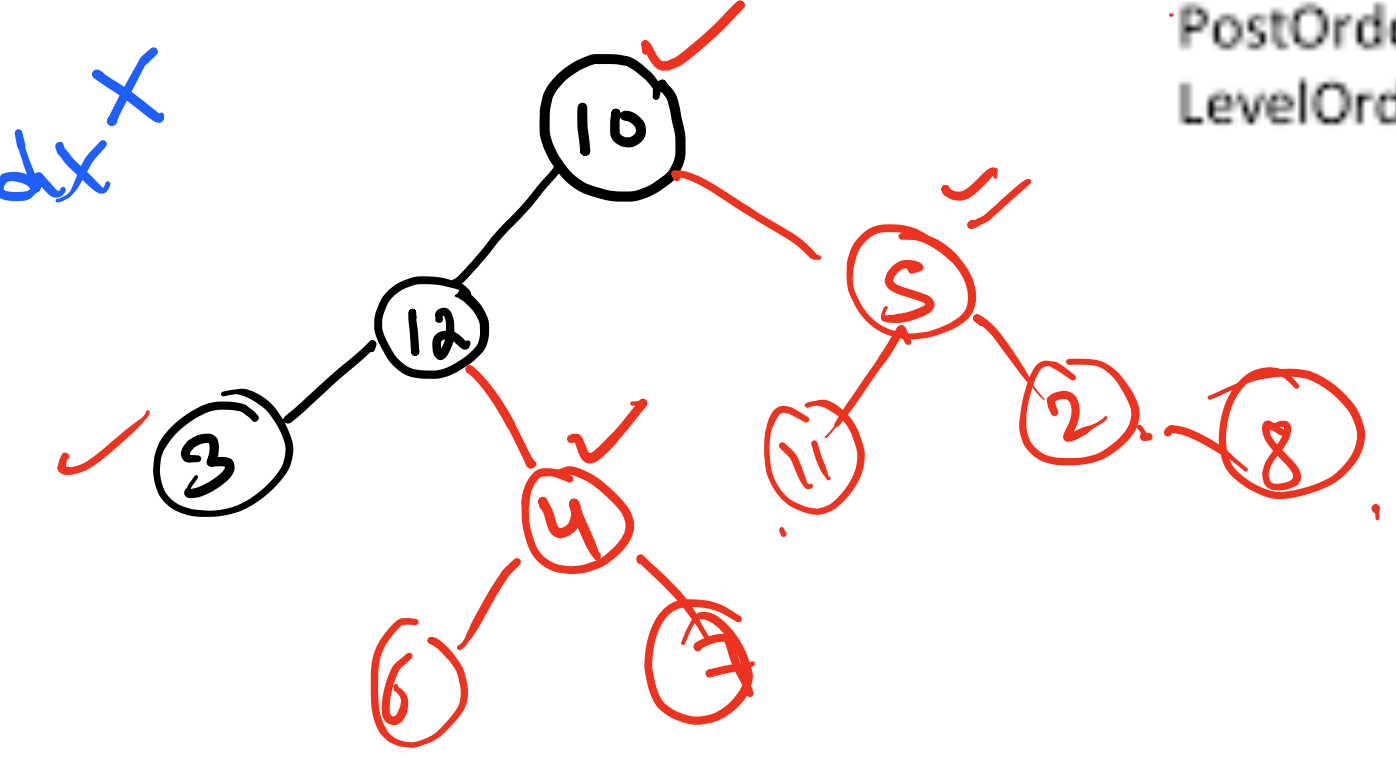
idx

PreOrder - 8, 5, 9, 7, 1, 12, 2, 4, 11, 3  
InOrder - 9, 5, 1, 7, 2, 12, 8, 4, 3, 11  
PostOrder - 9, 1, 2, 12, 7, 5, 3, 11, 4, 8  
LevelOrder - 8, 5, 4, 9, 7, 11, 1, 12, 3, 2



Levelorder tree traversal  
10, 12, 5, 3, 4, 11, 2, 6, 7, 8  
Inorder tree traversal  
3, 12, 6, 4, 7, 10, 11, 5, 2, 8  
Preorder tree traversal  
10, 12, 3, 4, 6, 7, 5, 11, 2, 8  
Postorder tree traversal  
3, 6, 7, 4, 12, 11, 8, 2, 5, 10

Plot1 to Plot2



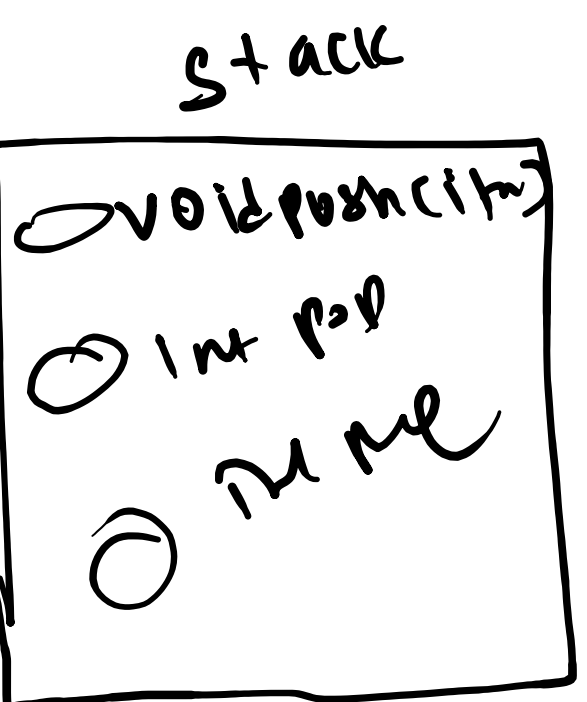
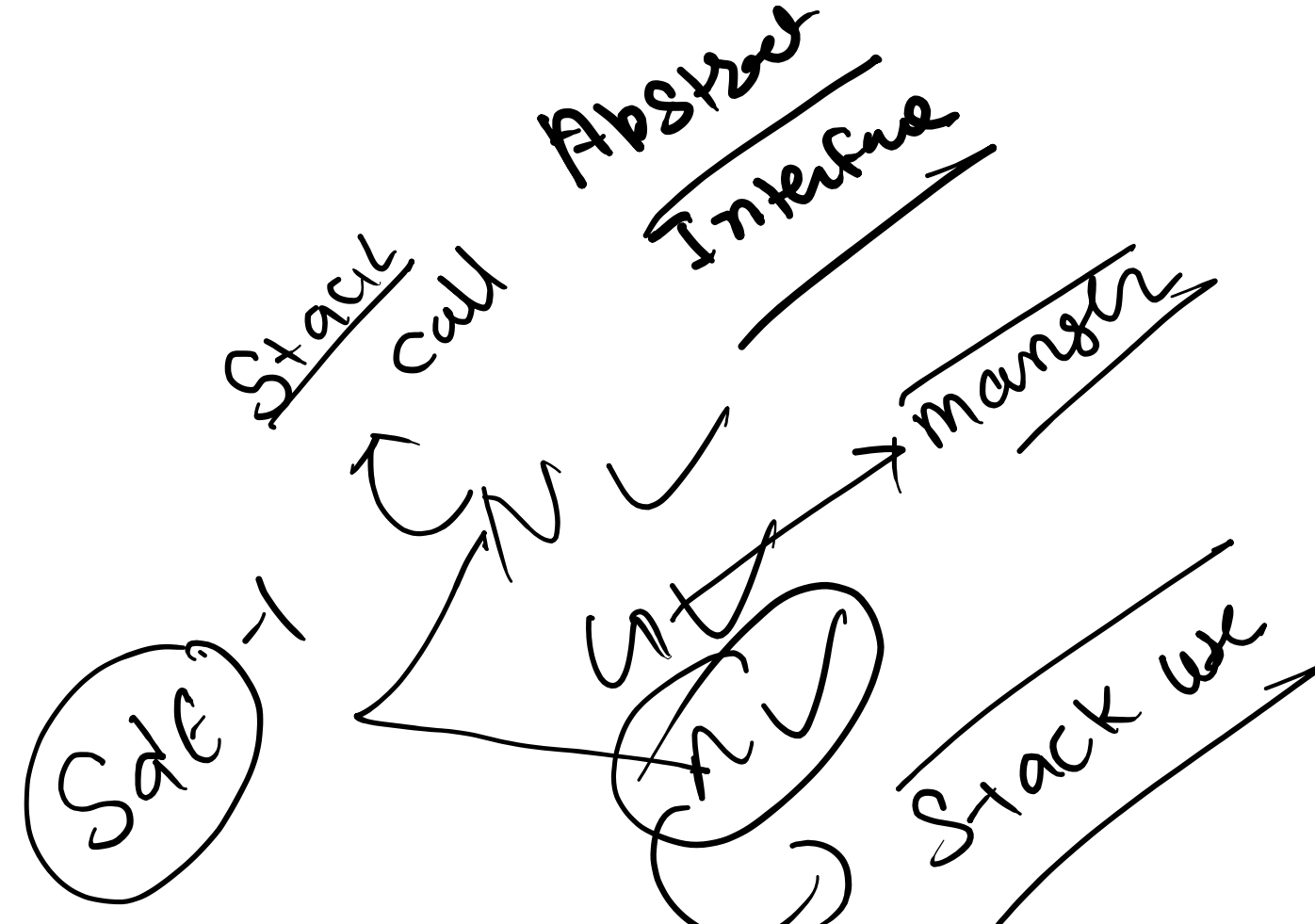
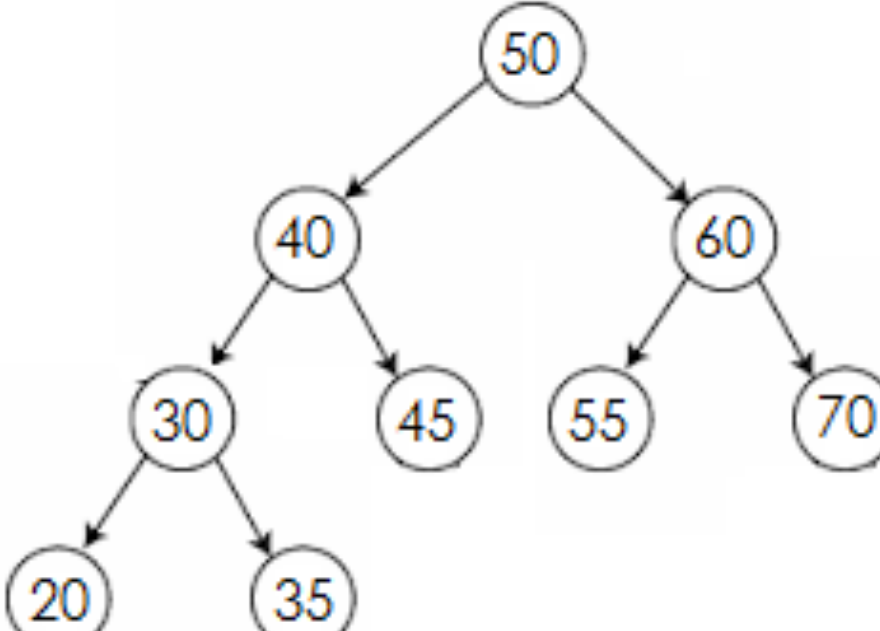
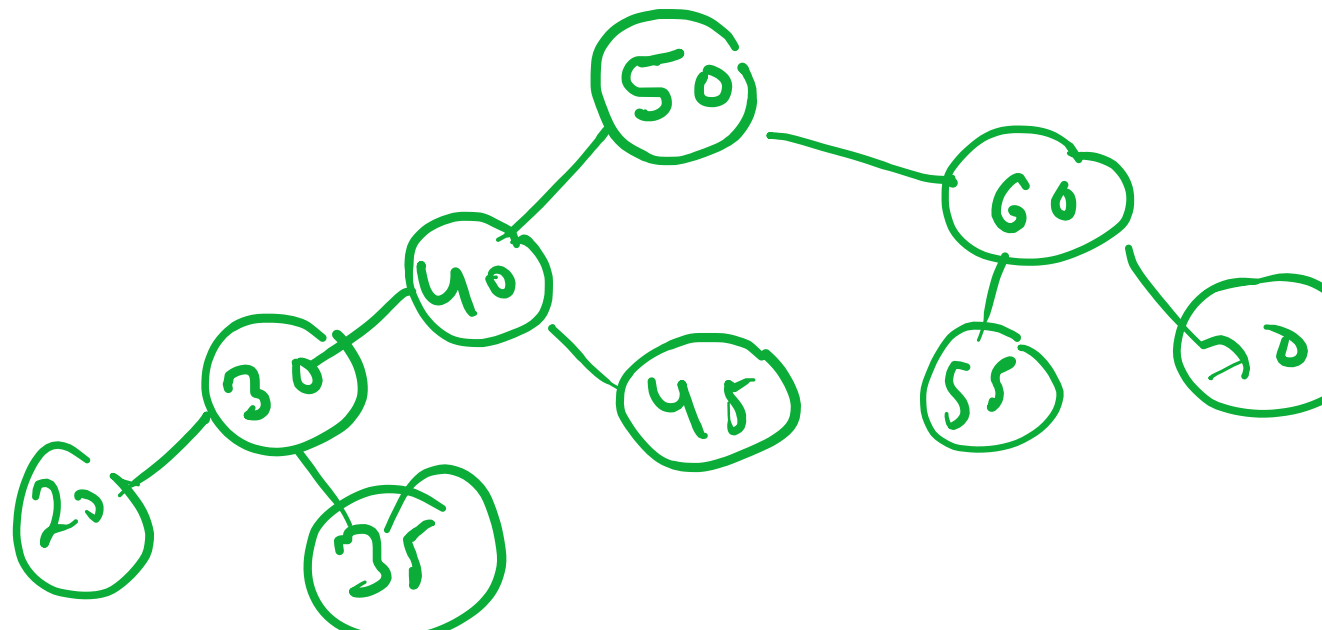
Input:

Output:

Binary Tree

```
int inOrder[] = {20, 30, 35, 40, 45, 50, 55, 60, 70};  
int postOrder[] = {20, 35, 30, 45, 40, 55, 70, 60, 50};
```

1st pre ord = [50, 40, 30, 20, 35, 45, 60, 55, 70]



Public void posn2  
Public void posn1  
Public void posn0

Class A extend B & C

Class B  
void fun() 2

Class C  
void fun.

new A();