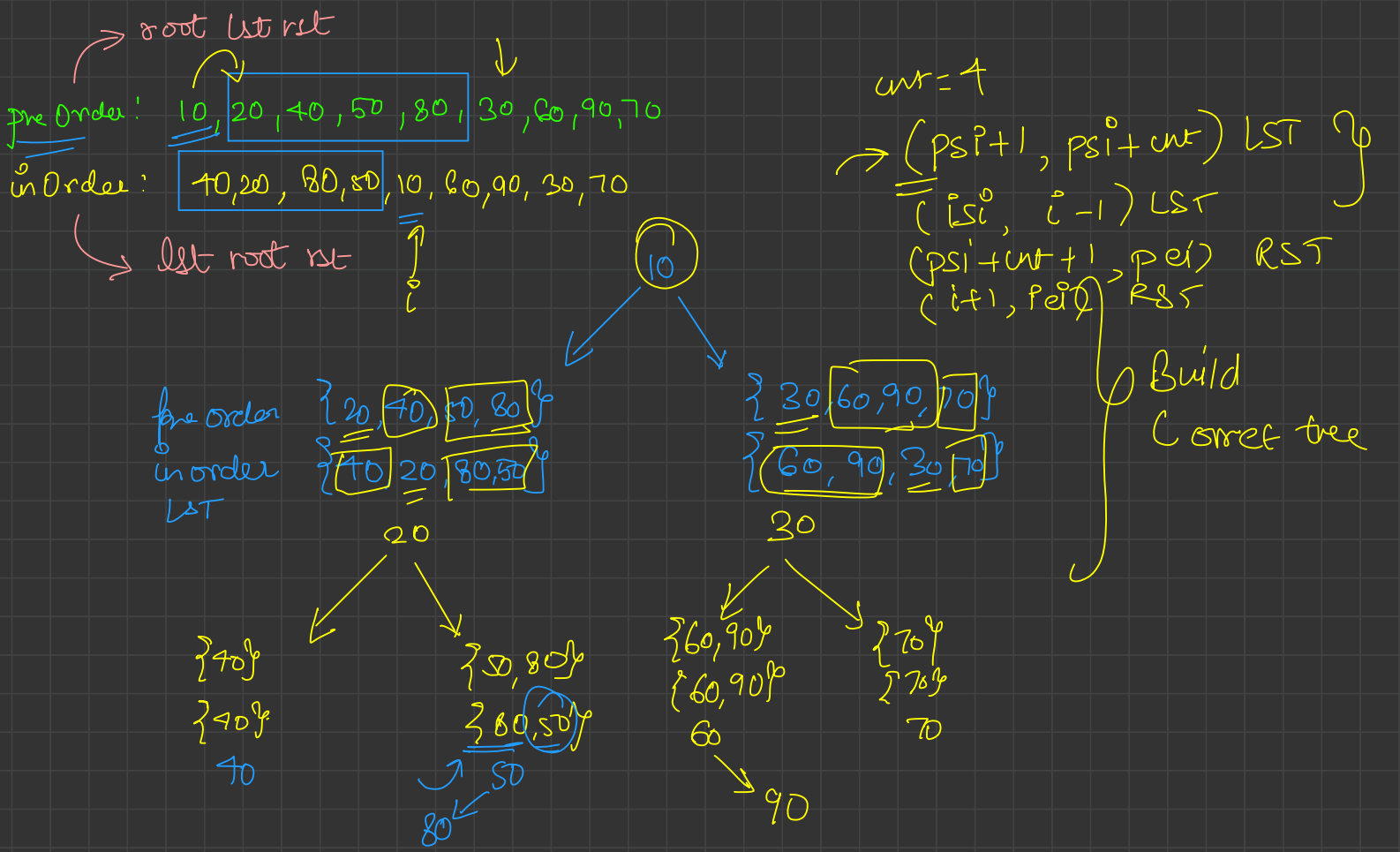
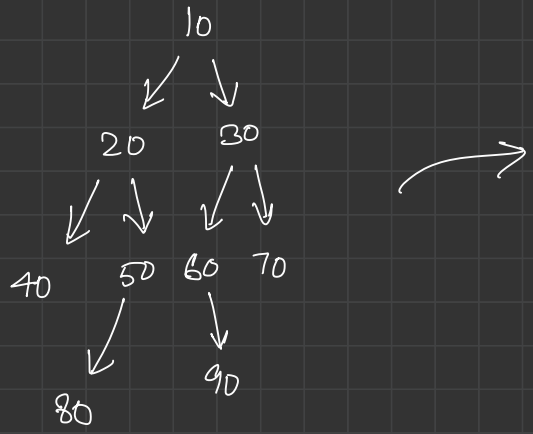
Construct a Binary Tree from Preorder & Inorder.

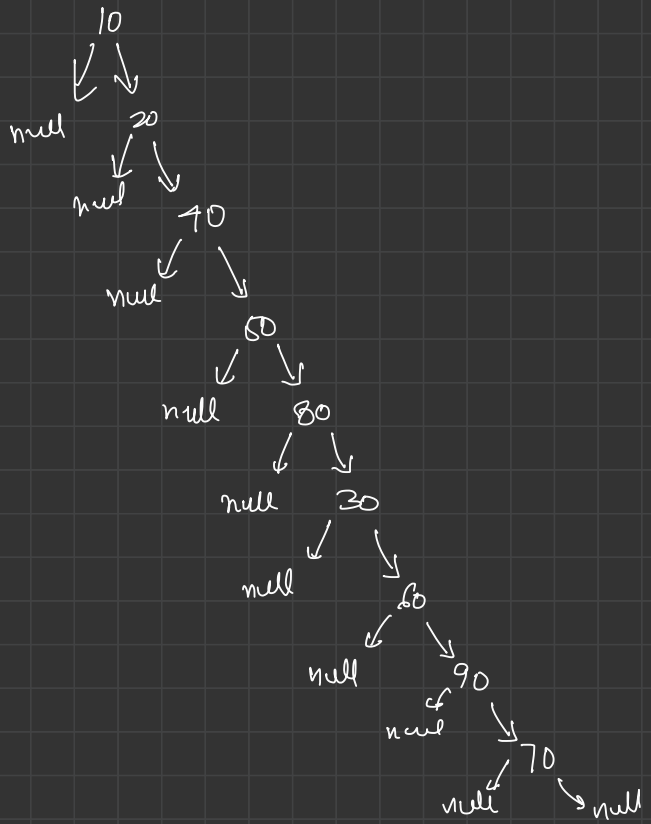


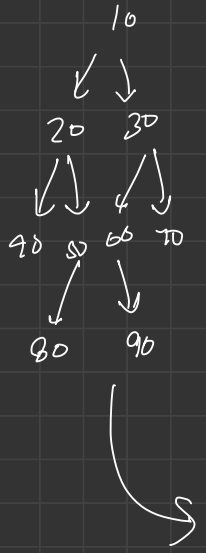
construct(int[] pre , int[] ino)

→ faith : It constructs tree from both the array given

Flatten the Binary Tree {inplace}

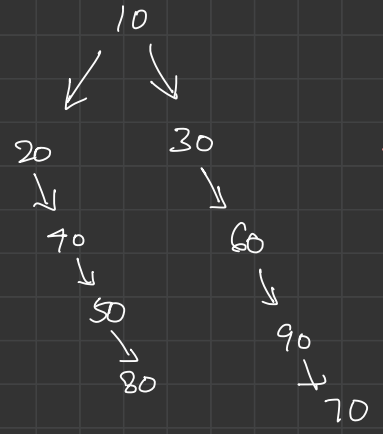






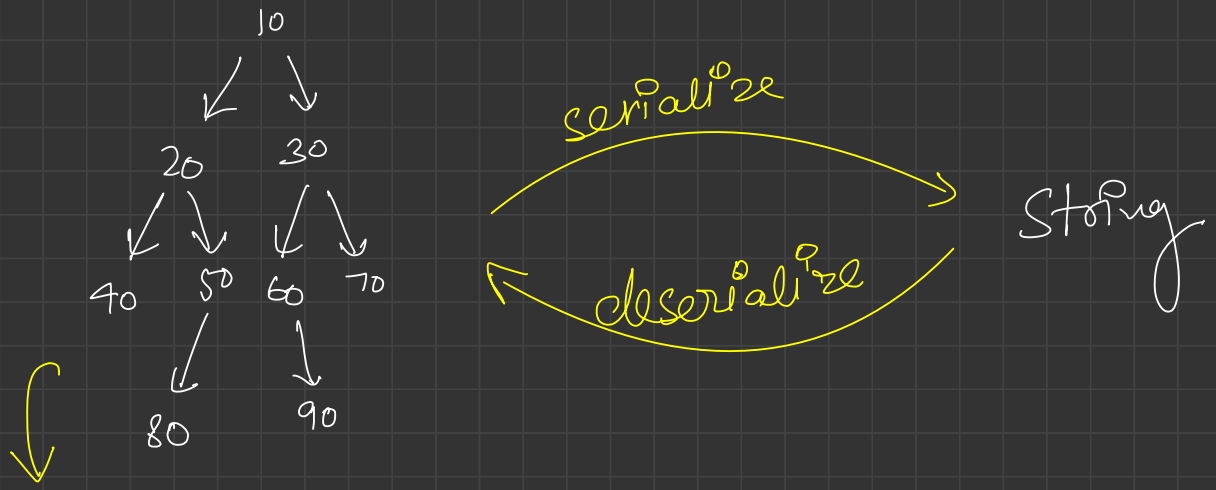
void flatten (Node root)

faith: It will flatten the Binary Tree



① flatten LST
② flatten RST
③ rearrange to a whole flatten tree

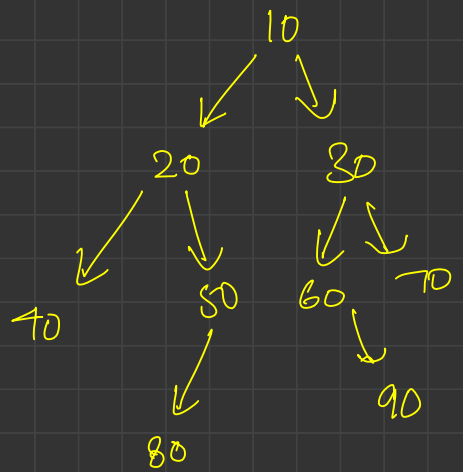
Serialize and deserialize a Binary Tree



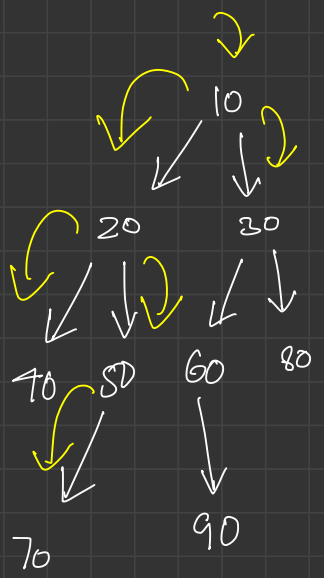
pre = "10,20,40,null,null,50,80,null,null,null,30,60,null,90,null,null,70,null,null"

Split(',')

pre = ["10","20","40","null","null","50","80","null","null","null","30","60","null","90","null","null","70","null","null"]

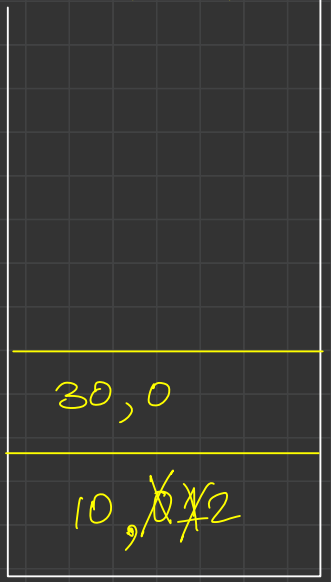


Iterative pre order traversal



call No.

0 → call leftside
1 → call rightside
2 → remove



Stack

10, 20, 40, 50, 70, 30