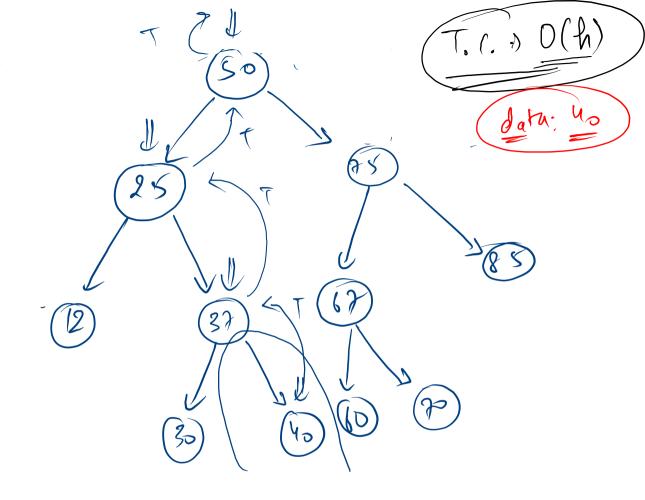


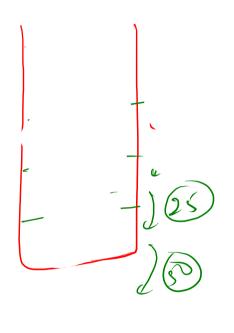
- pair Jass BT -> Construct 2. Shick Br Construction Balancel Tre

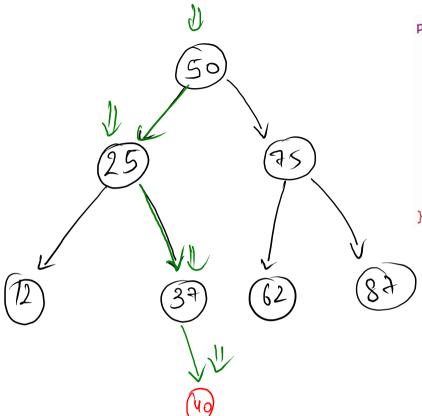
Index > 3 7 (0,6) public static Node construct(int []inp,int lo,int hi){ if(lo > hi){ return null; int mid = (lo+hi)/2; Node node = new Node(inp[mid]); node.left = construct(inp, lo, mid-1); / node.right = construct(inp, mid+1, hi); return node; (2,2)(11) nue nue nue nue

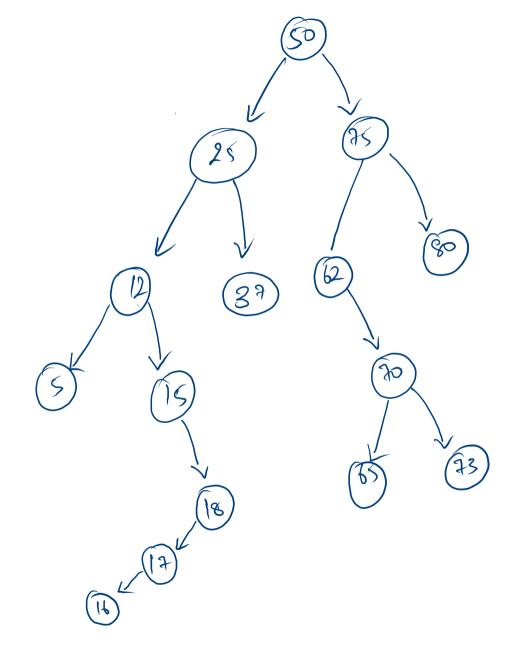
```
public static int max(Node node) {
 if(node.right == null){
     return node.data;
 return max(node.right);
public static int min(Node node) {
 if(node.left == null){
     return node.data;
 return min(node.left);
public static boolean find(Node node, int data){
 if(node == null){
     return false;
 if(node.data == data){
     return true;
  }else if(data > node.data){ // Larger - > right
     return find(node.right,data);
  }else{ // smaller - > left
     return find(node.left,data);
```

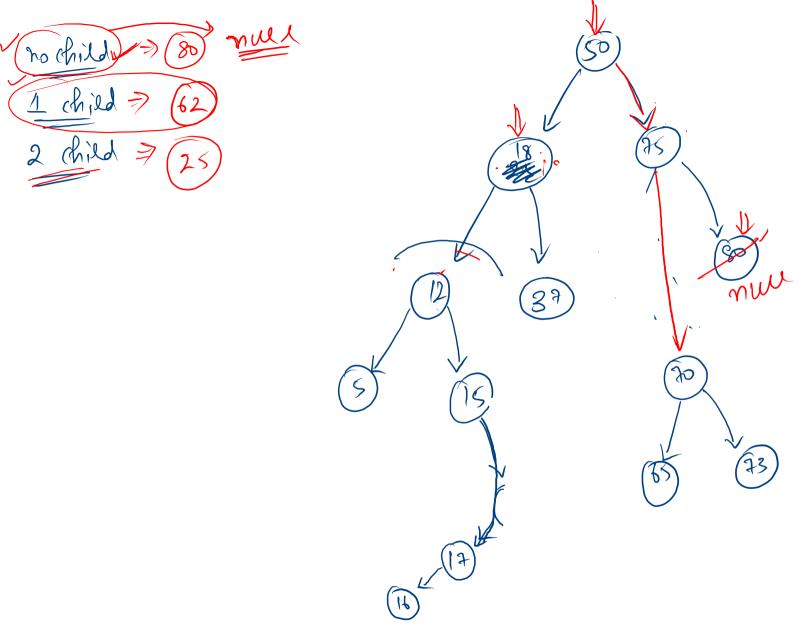


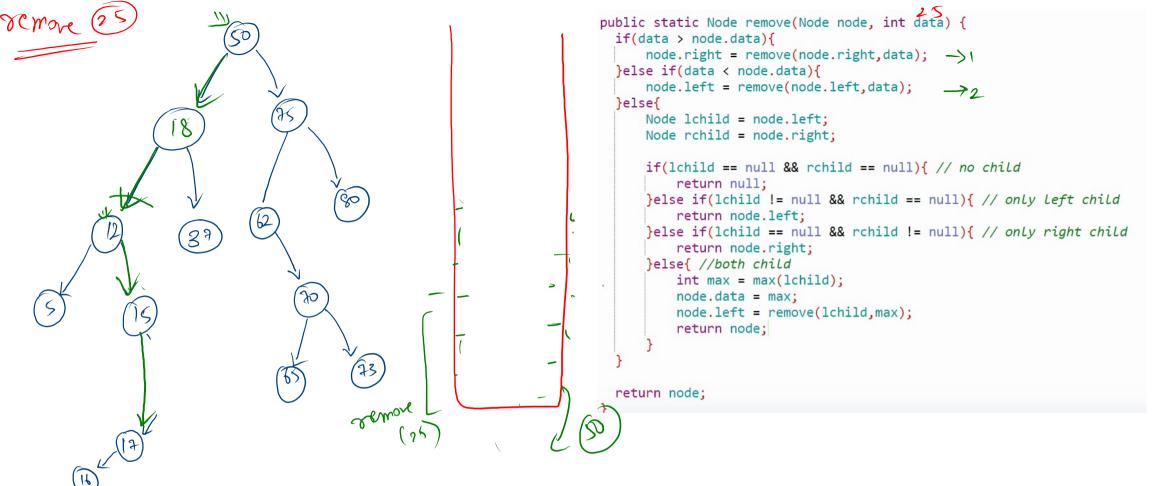


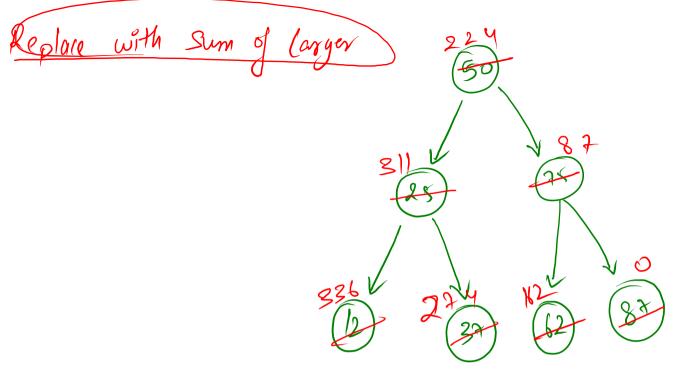


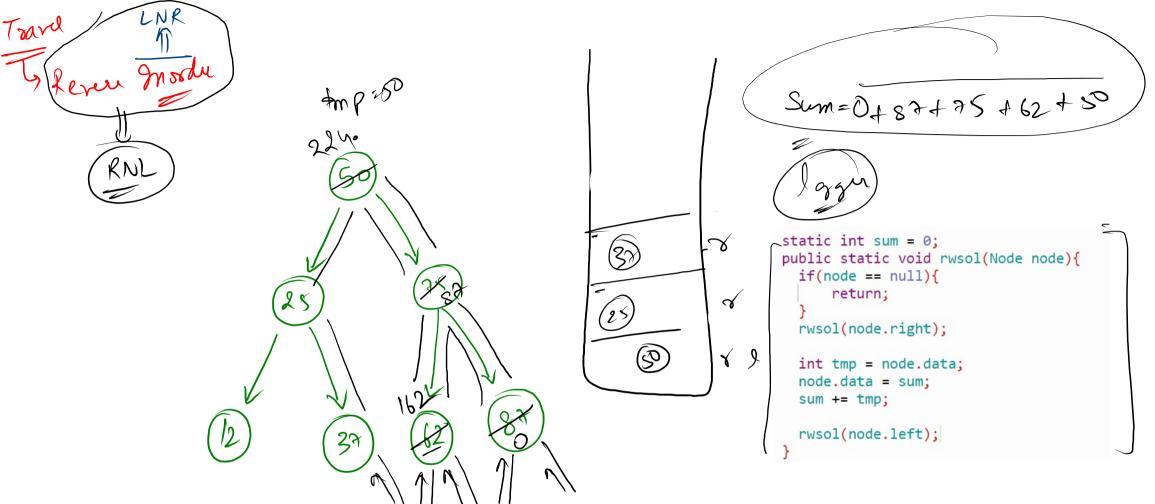


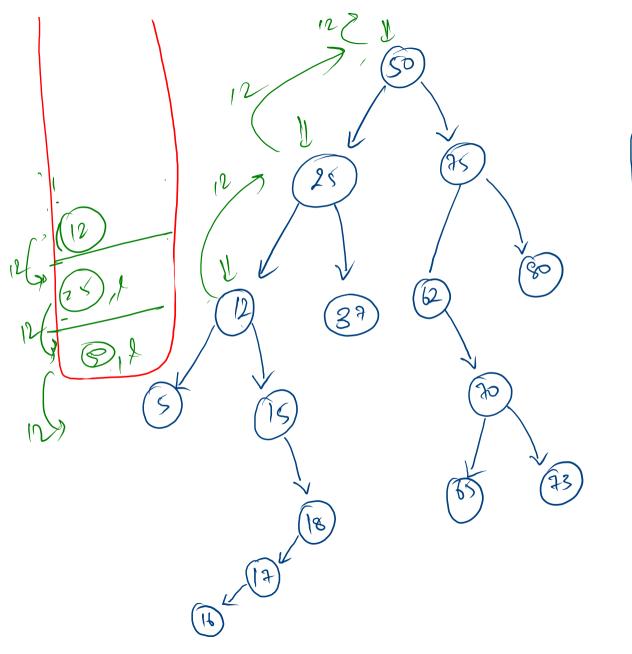




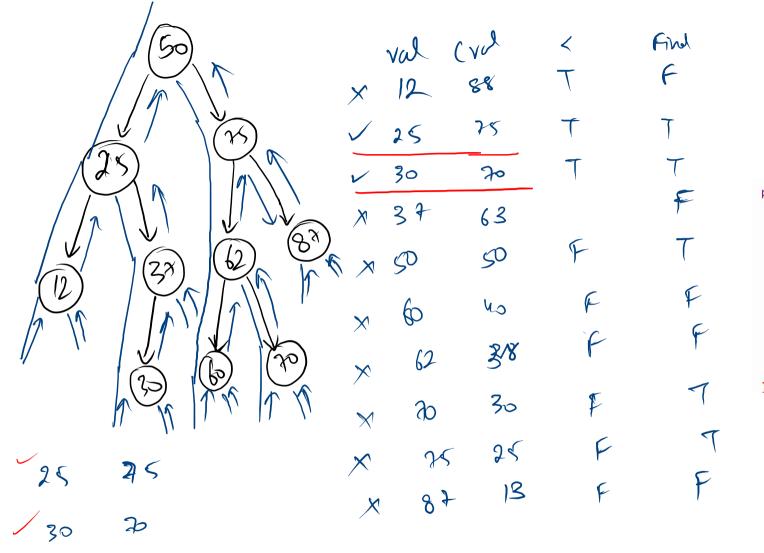








```
public static int lca(Node node, int d1, int d2) {
  if(d1 < node.data && d2 < node.data){
    return lca(node.left,d1,d2);
  }else if(d1 > node.data && d2 > node.data){
    return lca(node.right,d1,d2);
  }else{
    return node.data;
  }
}
```





lp

```
public static void tsp(Node node, Node root, int total){
    if(node == null){
        return;
    }

    tsp(node.left,root,total);

    int val = node.data;
    int cval = total - node.data;
    if(val < cval && find(root,cval)){
        System.out.println(val+" "+cval);
    }

    tsp(node.right,root,total);
}</pre>
```