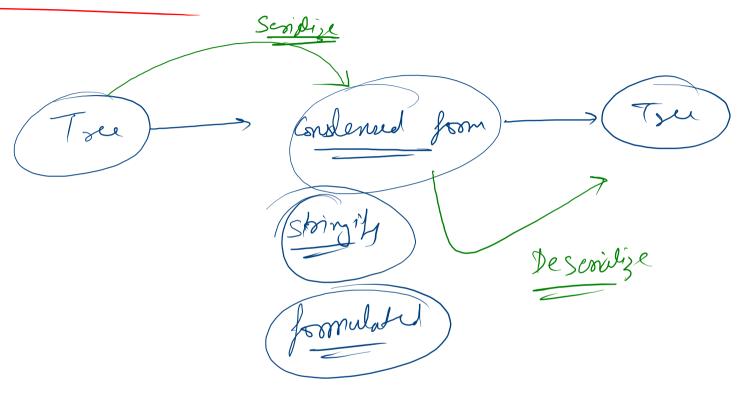
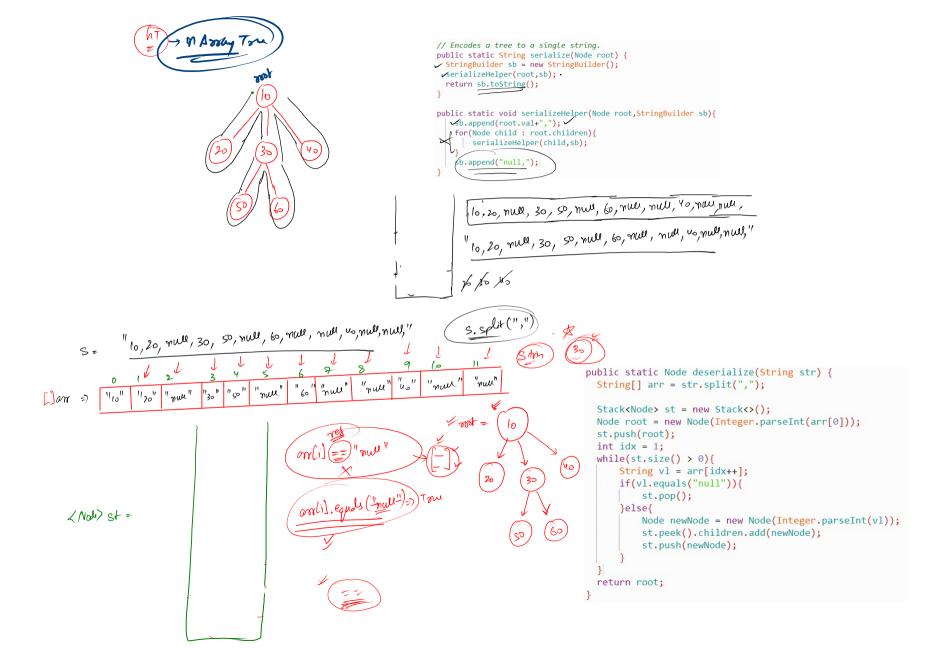
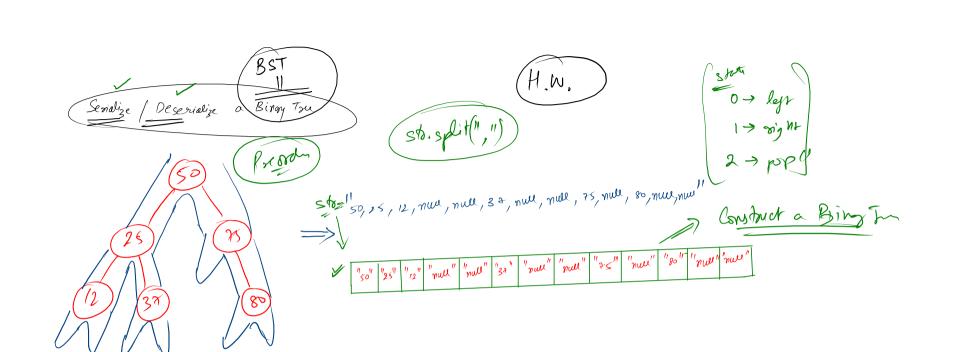
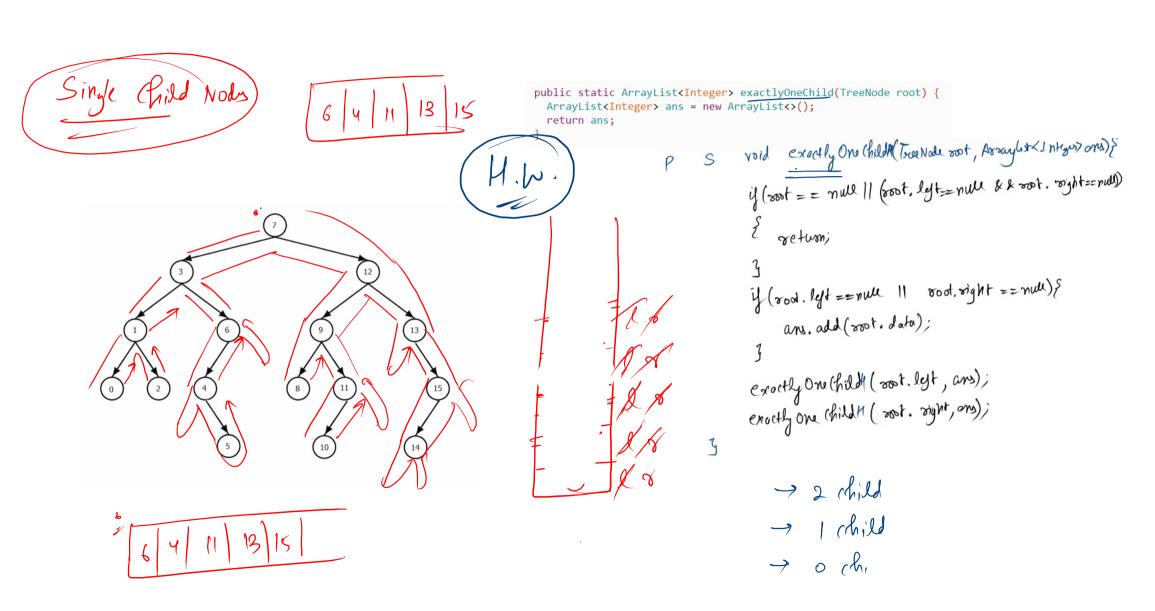
Serialize

De sendire









```
Static int count = 0;

P S void exactly One (hild Tree Note 2001, Accorded Antigorous);

if (2001 == mule 11 (5001, dyt= mule & x 2001, registee radio))

if (2001, dyt == mule 11 2001, right == mule);

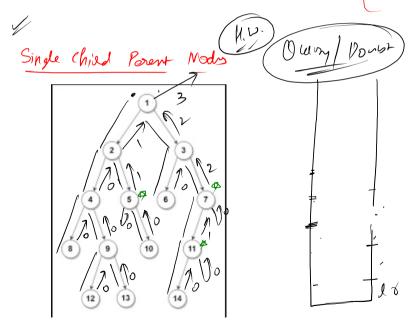
and add (2001, date);

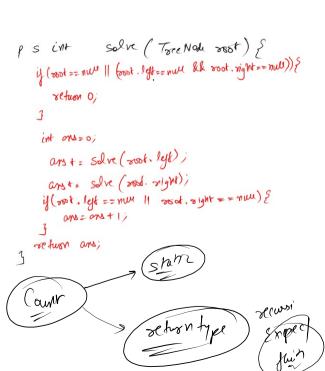
Count + + ;

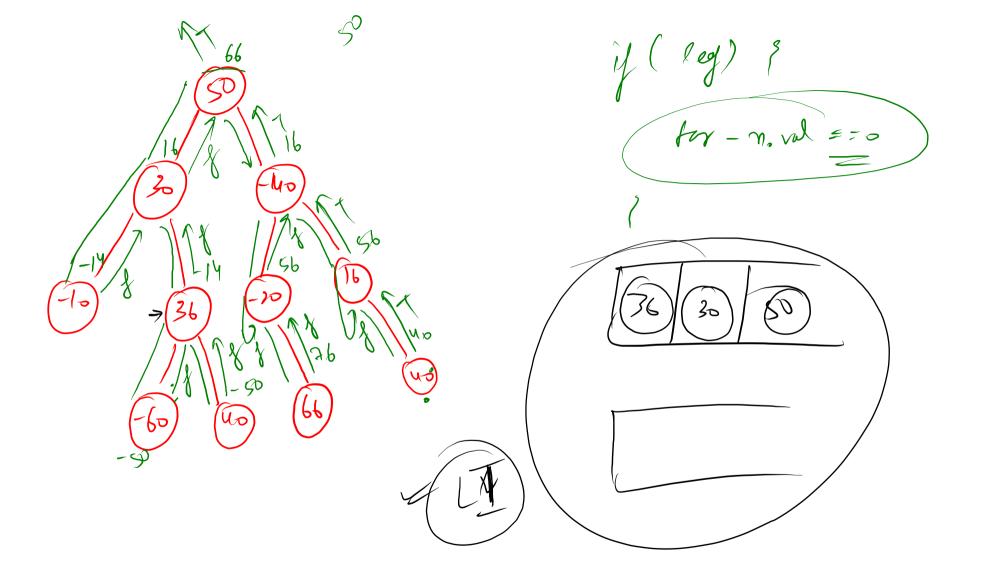
Fractly One (hild (2001, dyt, ans);

exactly One (hild (2001, dyt, ans);

exactly One (hild (2001, dyt, ans);
```



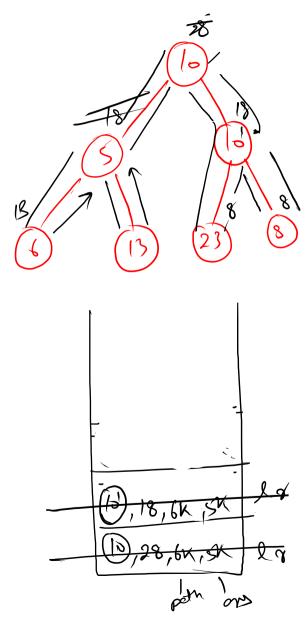




10151B (13, P, 9)

AL < AL < Inter>>

```
public static boolean hasPathSum(TreeNode root, int targetSum) {
   if(node == null){
        return false;
   }
   if(root.left == null && root.right == null){
        return (targetSum-root.val == 0);
   }
   boolean res = hasPathSum(root.left,targetSum-root.val) || hasPathSum(root.right,targetSum-root.val);
   return res;
}
```



6K

```
public static void pathSumH(TreeNode root , int targetSum , ArrayList<Integer> path , ArrayList<Integer>> ans){
   if(root == null){
       return;
   if(root.left == null && root.right == null){
       if(targetSum-root.val == 0){
           ArrayList<Integer> tmp = new ArrayList<>();
           for(int val : path){
               tmp.add(val);
           tmp.add(root.val);
           ans.add(tmp);
       return;
   path.add(root.val);
   pathSumH(root.left,targetSum-root.val,path,ans);
   pathSumH(root.right, targetSum-root.val, path, ans);
   path.remove(path.size()-1);
public static ArrayList<ArrayList<Integer>> pathSum(TreeNode root, int targetSum) {
   ArrayList<ArrayList<Integer>> ans = new ArrayList<>();
   pathSumH(root,targetSum,new ArrayList<Integer>() , ans);
  return ans;
                                                                                     13
                                                                         lo
                                                                            10110
```

 $\begin{cases}
10 \rightarrow 5 \rightarrow 2 \\
10 \rightarrow 16 \rightarrow 8
\end{cases}$ $\begin{cases}
10 \rightarrow 16 \rightarrow 8
\end{cases}$ $\begin{cases}
10 \rightarrow 16 \rightarrow 8
\end{cases}$ $\begin{cases}
10 \rightarrow 16 \rightarrow 7
\end{cases}$

