Am I andible?

. Same Tree (Day 43)

Problem Submissions Leaderboard Discussions

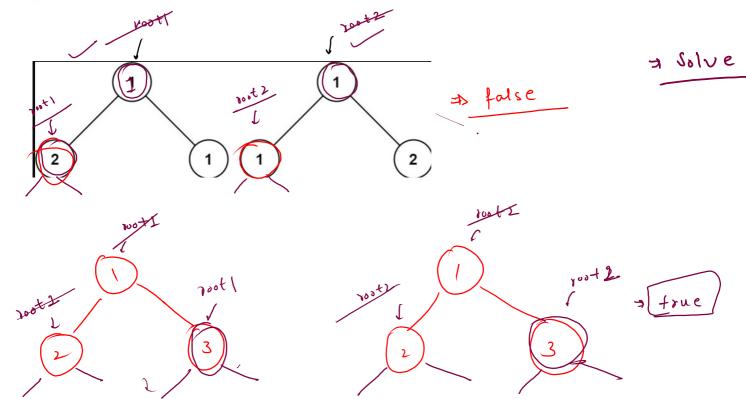
Given preorder of two binary trees first you need to construct binary tree you have roots of two binary trees, write a function to check if they are the same or not.

Two binary trees are considered the same if they are structurally identical, and the nodes have the same value.Same Binary tree tree are not same

2 Same 4 Structurally.

Li identical

4 data should be sauce.



Display the state of the state	> D	200+2 2 mel-	=D +nu:	
Dandr Call to its left child. Blands Call to its eight child.	7	200 t Z	•	50 tl 106t2
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	The same.			

```
public static boolean isSameTree(Node root1, Node root2){
    if(root1 == null && root2 == null){
        return true;
    }
   if(root1 == null || root2 == null){
        return false;
    boolean cond1 = root1.data == root2.data;
    boolean cond2 = isSameTree(root1.left, root2.left);
    boolean cond3 = isSameTree(root1.right,root2.right);
    return cond1 && cond2 && cond3;
       if(cond1 == true && cond2 == true && cond3 == true){
           return true;
       return false;
```

5- 6 mins



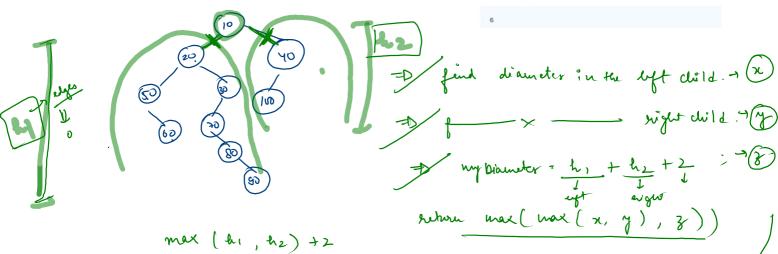
The diameter of a binary tree is the length of the longest path between any two nodes in a tree. This path may or may not pass through the root.

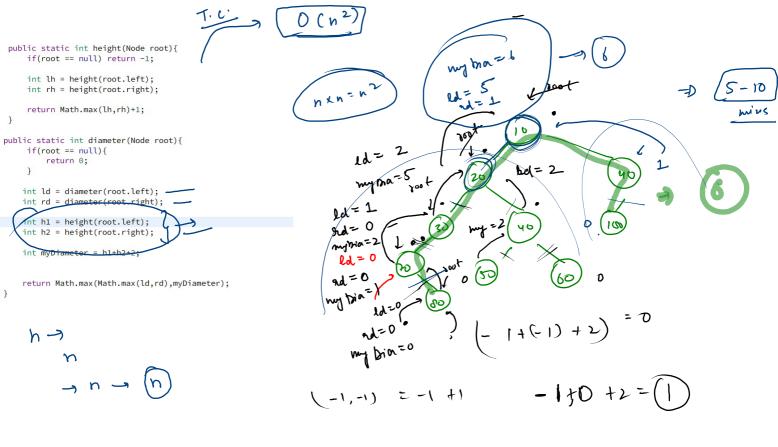
The length of a path between two nodes is represented by the number of edges between them.

Sample Input 0

21 10 20 50 n 60 n n 30 70 n 80 n 90 n n 40 100 n n n n

Sample Output 0





av 1 2D

D
1
J
J

diameter height

Le retuen arr [0])

111

```
P 814
```

A-02

```
public static int [] helper(Node root){
   if(root == null){
       return new int []{0,-1};
   int [] ld = helper(root.left);
   int [] rd = helper(root.right);
   int [] myAns = new int[2];
   myAns[0] = Math.max(ld[0],Math.max(rd[0],(ld[1]+rd[1]+2)));
   myAns[1] = Math.max(ld[1],rd[1])+1;
   return myAns;
public static int diamter02(Node root){
   int arr[] = helper(root);
   // 0 - diameter, 1-> height
   return arr[0];
    > 7. (a (D(N))
```

```
public static int height(Node root){
            if(root == null) return -1;
            int lh = height(root.left);
            int rh = height(root.right);
            return Math.max(lh,rh)+1;
       public static int diameter01(Node root){
            if(root == null){
                return 0;
1 //
           int ld = diameter(root.left);
           int rd = diameter(root.right);
) //
           int h1 = height(root.left);
) //
           int h2 = height(root.right);
2 //
           int myDiameter = h1+h2+2;
           return Math.max(Math.max(ld,rd),myDiameter);
5 //
      }
```

7. (= 0(n2))

