Description Solution Discuss (999+) Submissions

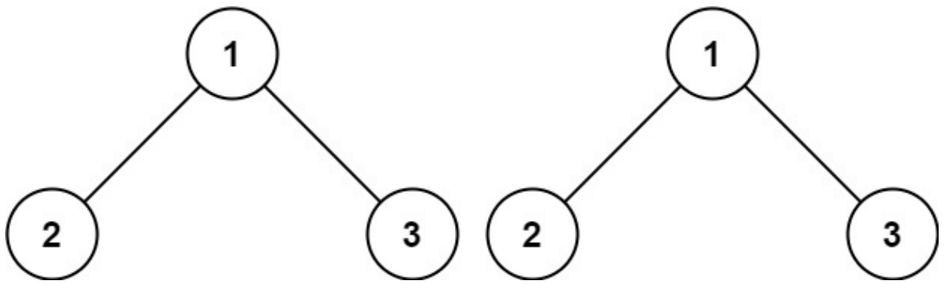
## 100. Same Tree

Easy 4952 119 Add to List Share

Given the roots of two binary trees `p` and `q`, write a function to check if they are the same or not.

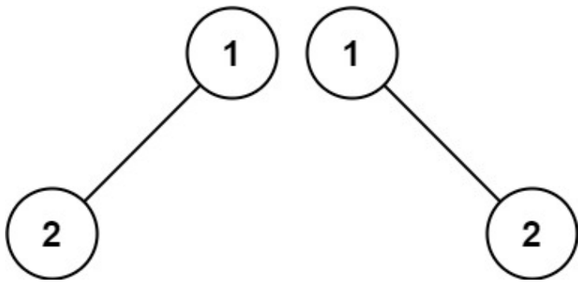
Two binary trees are considered the same if they are structurally identical, and the nodes have the same value.

**Example 1:**



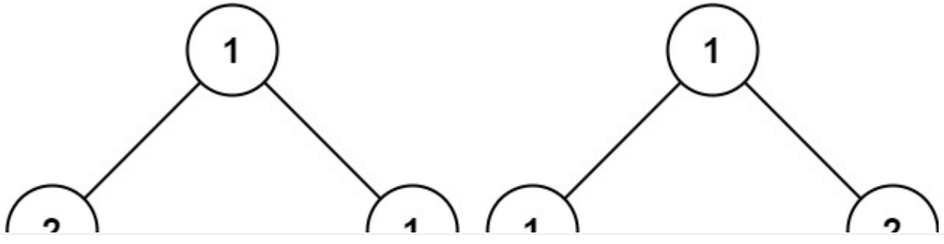

```
Input: p = [1,2,3], q = [1,2,3]
Output: true
```

**Example 2:**




```
Input: p = [1,2], q = [1,null,2]
Output: false
```

**Example 3:**




Java Autocomplete

```java
/**
 * Definition for a binary tree node.
 * public class TreeNode {
 *     int val;
 *     TreeNode left;
 *     TreeNode right;
 *     TreeNode() {}
 *     TreeNode(int val) { this.val = val; }
 *     TreeNode(int val, TreeNode left, TreeNode right) {
 *         this.val = val;
 *         this.left = left;
 *         this.right = right;
 *     }
 * }
 */
class Solution {
    public boolean isSameTree(TreeNode p, TreeNode q) {

        if(p == null && q == null)
            return true;
        else if(p == null || q == null)
            return false;
        else if(p.val != q.val)
            return false;
        else if(p == null && q != null)
            return false;

        return isSameTree(p.left, q.left) && isSameTree(p.right, q.right);
    }
}
```

Your previous code was restored from your local storage. Reset to default