100. Same Tree ★

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Total Accepted: **157551** Total Submissions: **353501** Difficulty: **Easy**

Given two binary trees, write a function to check if they are equal or not.

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

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C++

```
/**
 * Definition for a binary tree node.
 * struct TreeNode {
 *     int val;
 *     TreeNode *left;
 *     TreeNode *right;
 *     TreeNode(int x) : val(x), left(NULL), right(NULL) {}
 * };
 */
class Solution {
public:
    bool isSameTree(TreeNode* p, TreeNode* q) {
        if (p && q) {
            if (p->val == q->val) {
                return isSameTree(p->left, q->left) && isSameTree(p->right, q->ri
            }
            else {
                return false;
            }
        }
        else if(p || q){
            return false;
        }
        else {
            return true;
        }
        return true;
    }
};
```

Custom Testcase

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Notes