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## Same Tree

Try to solve the Same Tree problem.

We'll cover the following
Statement
Examples
Understand the problem
Try it yourself

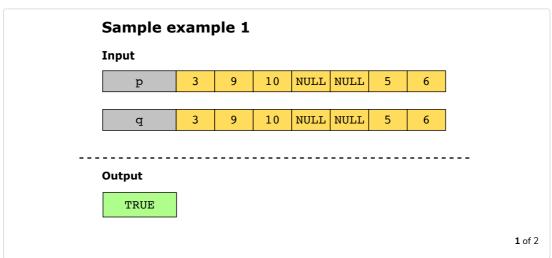
### **Statement**

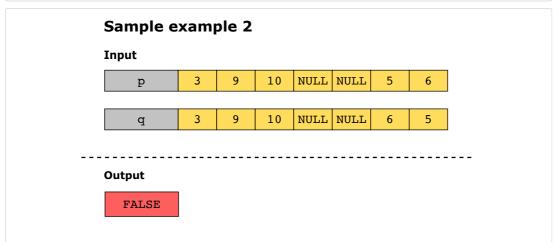
Given the roots of two binary trees, p and q, write a function to check if they are the same or not. Two binary trees are considered the same if they're structurally identical and the nodes have the same value.

#### **Constraints:**

- ullet The number of nodes in the tree is in the range [0,100]
- $-10^4 \leq \mathsf{node.data} \leq 10^4$

# **Examples**



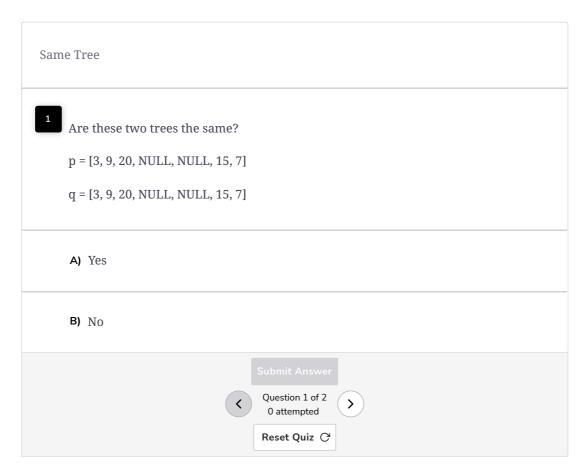


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## Understand the problem

Let's take a moment to make sure you've correctly understood the problem. The quiz below helps you check if you're solving the correct problem:



## Try it yourself

Implement your solution in main.java in the following coding playground.

```
■ C
 👙 Java
usercode > main.java
   1 import java.util.*;
     import ds_v1.BinaryTree.TreeNode;
     // Definiton of a binary tree node class
     // class TreeNode<T> {
     //
   6
             T data;
     //
             TreeNode<T> left;
   8
      //
             TreeNode<T> right;
  10 //
             TreeNode(T data) {
                this.data = data;
  11 //
  12 //
                this.left = null;
                 this.right = null;
  13 //
  14 //
```

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```
public ctass main{

public static boolean sameTree(TreeNode<Integer> p, TreeNode<Integer> q) {

// Your code will replace the placeholder return statement

return false;

}
```

