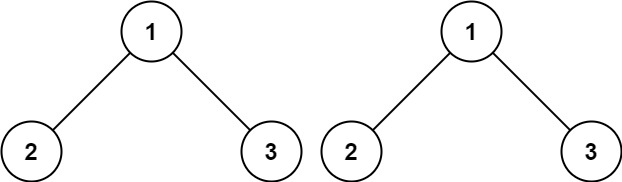
Given the roots of two binary trees p and q, write a function to check if they are the same or not.

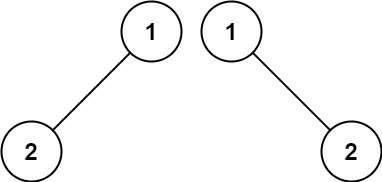
Two binary trees are considered the same if they are structurally identical, and the nodes have the same value.

**Example 1:**



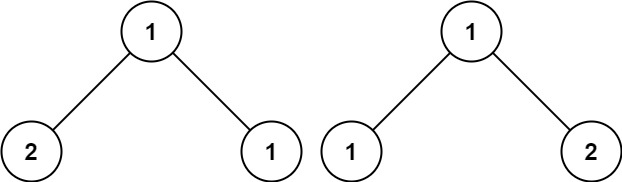
Input: p = [1,2,3], q = [1,2,3]  
Output: true

**Example 2:**



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

**Example 3:**



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

**Constraints:**

* The number of nodes in both trees is in the range [0, 100].
* -104 <= Node.val <= 104