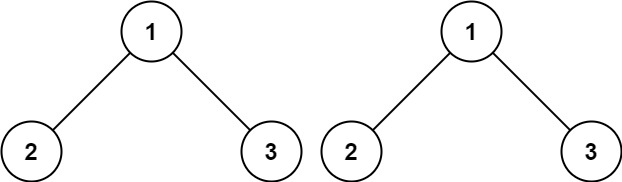
Given the roots of two binary trees p and q, write a function to check if they are the same or not.

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

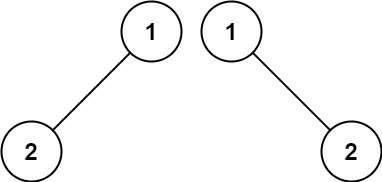
**Example 1:**



**Input:** p = [1,2,3], q = [1,2,3]

**Output:** true

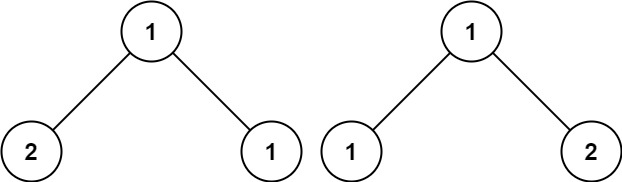
**Example 2:**



**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