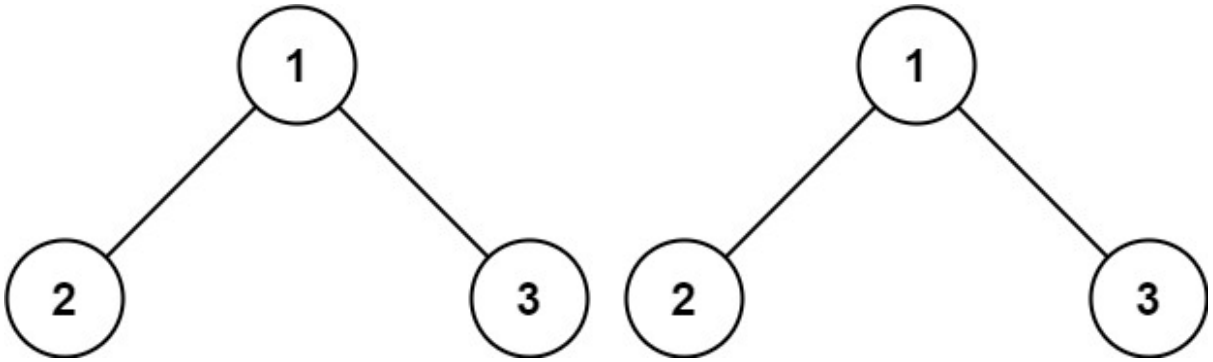
100. Same Tree

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.

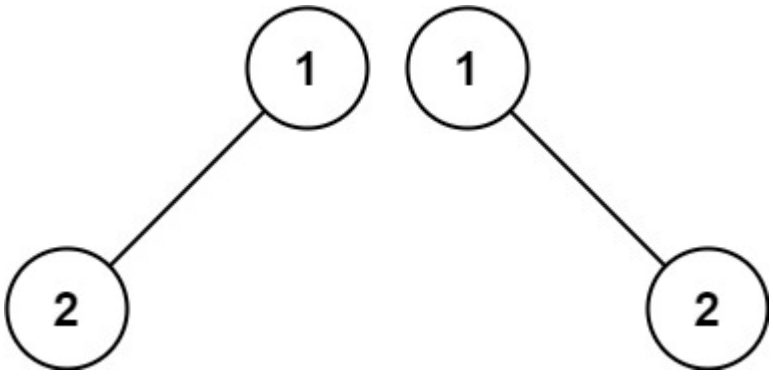
Example 1:



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

Output: true

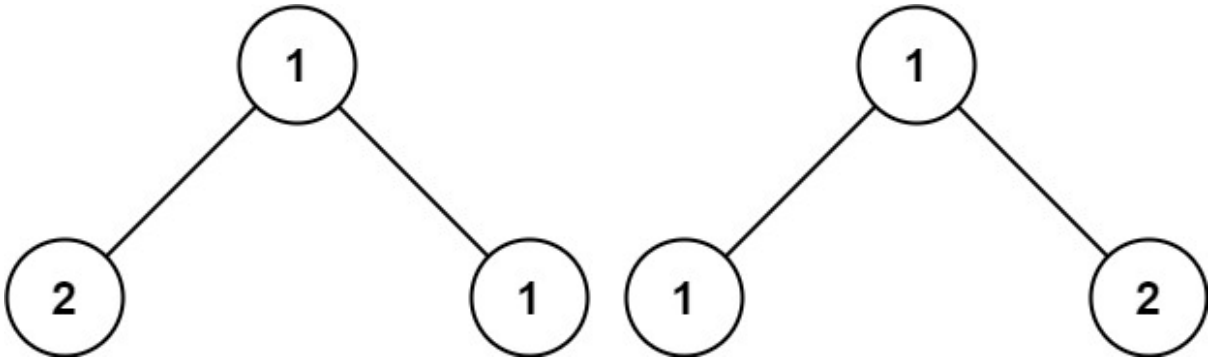
Example 2:



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

Output: false

Example 3:



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

Output: false

```
# Definition for a binary tree node.
# class TreeNode(object):
#     def __init__(self, val=0, left=None, right=None):
#         self.val = val
#         self.left = left
#         self.right = right
class Solution(object):
    def isSameTree(self, p, q):
        """
        :type p: TreeNode
        :type q: TreeNode
        :rtype: bool
        """
        if not p and not q:
            return True
        if not p or not q or p.val!=q.val:
            return False

        return self.isSameTree(p.left,q.left) and
self.isSameTree(p.right,q.right)
```