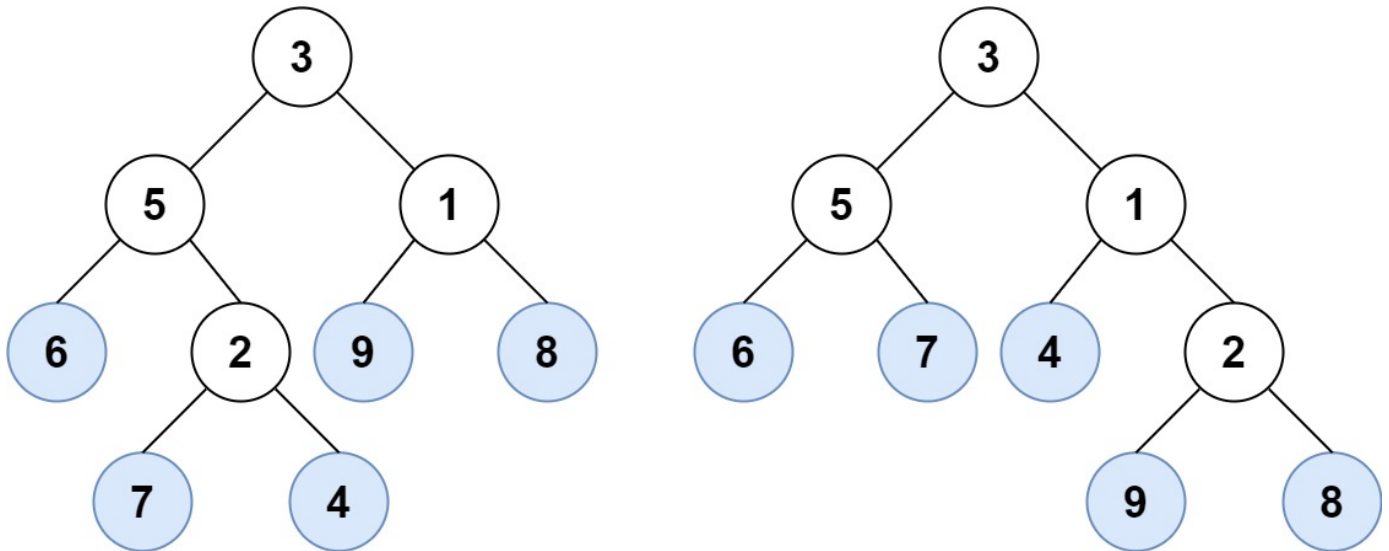


## 872. Leaf-Similar Trees

Consider all the leaves of a binary tree, from left to right order, the values of those leaves form a **leaf value sequence**.\*



**Input:** root1 = [3,5,1,6,2,9,8,null,null,7,4],

root2 = [3,5,1,6,7,4,2,null,null,null,null,null,9,8]

**Output:** true

```
def leafSimilar(self, root1: TreeNode, root2: TreeNode) -> bool:
    res1 = []
    res2 = []
    self.helper(root1, res1)
    self.helper(root2, res2)
    if len(res1) != len(res2):
        return False
    for i in range(len(res1)):
        if res1[i] != res2[i]:
            return False
    return True
def helper(self, root, res):
    if root is None:
        return
    if root.left is root.right:
        res.append(root.val)
    self.helper(root.left, res)
    self.helper(root.right, res)
```