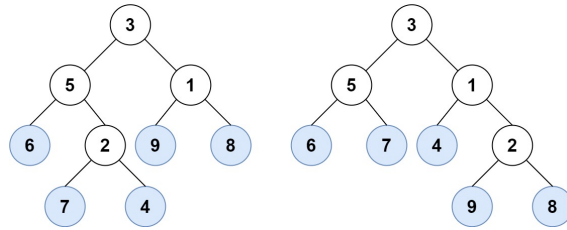


872 叶子相似的树

Label: 二叉树

请考虑一棵二叉树上所有的叶子，这些叶子的值按从左到右的顺序排列形成一个 叶值序列 。



- 递归

```
class Solution {

    public boolean leafSimilar(TreeNode root1, TreeNode root2) {
        List<Integer> list1 = new ArrayList<>();
        List<Integer> list2 = new ArrayList<>();
        saveLeaf(root1, list1);
        saveLeaf(root2, list2);

        if (list1.size() != list2.size()) return false;

        for (int i = 0; i < list1.size(); i++) {
            if (list1.get(i) != list2.get(i)) return false;
        }
        return true;
    }

    private void saveLeaf(TreeNode root, List<Integer> list) {
        if (root == null) {
            return;
        }
        if (root.left == null && root.right == null) {
            list.add(root.val);
        }
        if (root.left != null) {
            saveLeaf(root.left, list);
        }
        if (root.right != null) {
            saveLeaf(root.right, list);
        }
    }
}
```