# 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.

## SOLUTION IN JAVA

class Solution {

public boolean leafSimilar(TreeNode root1, TreeNode root2) {

List<Integer> leaves1 = new ArrayList<>();

List<Integer> leaves2 = new ArrayList<>();

dfs(root1, leaves1);

dfs(root2, leaves2);

return leaves1.equals(leaves2);

}

public void dfs(TreeNode node, List<Integer> leaves) {

if (node == null)

return;

if (node.left == null && node.right == null) {

leaves.add(node.val);

return;

}

dfs(node.left, leaves);

dfs(node.right, leaves);

}

}