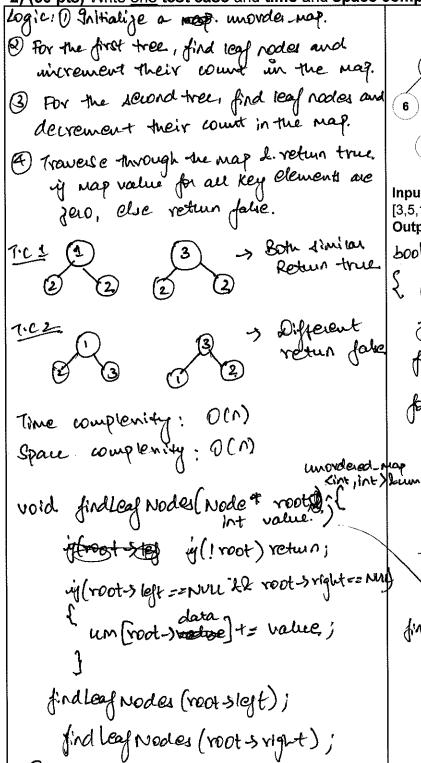
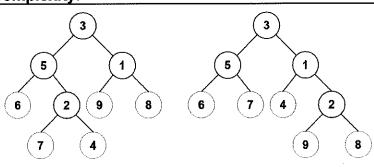
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1) (70 pts) Consider all the leaves of a binary tree, from left to right order, the values of those leaves form a leaf value sequence. For example, in the given trees below, the leaf value sequence is (6, 7, 4, 9, 8). Two binary trees are considered leaf-similar if their leaf value sequence is the same. Return true if and only if the two given trees with head nodes root1 and root2 are leaf-similar.

2) (30 pts) Write one test case and time and space complexity.





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,null,null,9,8]
Output: true
bool isleaf Similar (Node 4root 1, Node 1 root)

{ unordered_nap<int, int) un,;
findleaf Nodes (root 1, un, 1);
findleaf Nodes (root 2, un, 1 -1);

for (auto ele: un)
[if (ble. Second! zo)
return false;

lum return true;

find Leaf Nodes (Node & root unordered_napcint, int show, int value.