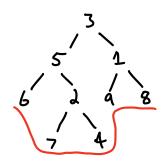
## 871. Leaf Similar Trees

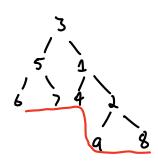
Lonsider all the leaves of a binary tree.

Given two binary trees, return true if both have the same sequence of leaves.

tree 1

tree L





- 1) Create 2 lists to store respective leaf nodes of tree1 and treed.
- de Enumerate through each tree. If right is left branches are empty, append to respective list.

- combined 3.) If size is elifferent, return false.
  - 4) If two lists are not equal, return false. Otherwise, true.

```
bool similar (TreeNowle * root 1, TreeNowle * root ) {
      std:: vector cint 7 values 1;
      std: vector cinty values 2;
      recurse (root 1, values 1);
      recurse (root), values);
      if ( values 1. size() != values). size()) {
         return false;
      return std:: equal (values 1. begin (), value 1. end (), values 2. begin ());
void recurse (Tree Node * node, std: vector zint > 4 values) {
      if ( node == nullptr ) 4
      return;
      recurse ( node -> left, values);
      recurse ( node > right, values);
      if ( node > left == nullptr & & node > right == nullptr) {
         values. push-back (node + val);
```