Want to know all phone numbers a phone number has called Quickly determine if phone number A has called phone number B unordered_map<string, unordered_set<string>>

3 10 -2 19 7 0 1 2 ^ pivot, move if >

```
1 bool isLeftLeaning(Node* root) {
 2
       // hit leaf node
3
       if (root == nullptr || (!root->left && !root->right))
           return false
4
 5
       int v;
       return isLeftLeaningAux(root, v);
 6
7 }
8
9 bool isLeftLeaningAux(Node* cur, int &val) {
10
       if (cur == nullptr) {
           val = 0;
11
12
           return true;
13
       }
14
15
       int left, right;
       bool lb = isLeftLeaningAux(cur->left, left);
16
17
       bool rb = isLeftLeaningAux(cur->right, right);
       if (!lb || !rb) return false;
18
19
       if (left > right) {
20
           val = lv + rv + cur->val;
21
           return true;
       }
22
23
       return false;
24 }
```