

c) LEETCODE:

CODE: Leaf similar trees

```
int sum1 = 0;
int sum2 = 0;

void preOrder1(struct TreeNode* node);
void preOrder2(struct TreeNode* node);
bool leafSimilar(struct TreeNode* root1, struct TreeNode* root2) {
    preOrder1(root1);
    preOrder2(root2);

    return sum1 == sum2;
}

void preOrder1(struct TreeNode* node) {
    if (node == NULL) return;

    if (node->left == NULL && node->right == NULL) {
        sum1 = (sum1*10) + node->val;
        return;
    }

    preOrder1(node->left);
    preOrder1(node->right);
}

void preOrder2(struct TreeNode* node) {
    if (node == NULL) return;

    if (node->left == NULL && node->right == NULL) {
        sum2 = (sum2*10) + node->val;
        return;
    }

    preOrder2(node->left);
    preOrder2(node->right);
}
```

OUTPUT:

