**LCA Of Binary Tree**

#include <bits/stdc++.h>

int lowestCommonAncestor(TreeNode<int>\* root, int x, int y) {

if (root == NULL) {

return -1;

}

if (root->data == x || root->data == y) {

return root->data;

}

int leftLCA = lowestCommonAncestor(root->left, x, y);

int rightLCA = lowestCommonAncestor(root->right, x, y);

if (leftLCA != -1 && rightLCA != -1) {

return root->data; // Found LCA

}

if (leftLCA != -1) {

return leftLCA; // LCA found in the left subtree

}

if (rightLCA != -1) {

return rightLCA; // LCA found in the right subtree

}

return -1; // LCA not found

}