Problem Link:

<https://leetcode.com/problems/same-tree/>

Solution:

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\* Definition for a binary tree node.

\* struct TreeNode {

\* int val;

\* TreeNode \*left;

\* TreeNode \*right;

\* TreeNode() : val(0), left(nullptr), right(nullptr) {}

\* TreeNode(int x) : val(x), left(nullptr), right(nullptr) {}

\* TreeNode(int x, TreeNode \*left, TreeNode \*right) : val(x), left(left), right(right) {}

\* };

\*/

class Solution {

public:

bool isSameTree(TreeNode\* p, TreeNode\* q) {

if(!p && !q)

{

return true;

}

if(!p || !q)

{

return false;

}

if(p->val != q->val)

{

return false;

}

return isSameTree(p->left, q->left) && isSameTree(p->right, q->right);

}

};