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\* Definition for a binary tree node.

\* struct TreeNode {

\* int val;

\* TreeNode \*left;

\* TreeNode \*right;

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

\* };

\*/

class Solution {

public:

int countNodes(TreeNode\* root) {

if(root==NULL)

return 0;

return 1+countNodes(root->left)+countNodes(root->right);

}

};