# 1448. Count Good Nodes in Binary Tree

Given a binary tree root, a node X in the tree is named good if in the path from root to X there are no nodes with a value greater than X.

Return the number of good nodes in the binary tree.

## SOLUTION IN C++

class Solution {

public:

int goodNodes(TreeNode\* root, int maxi = INT\_MIN) {

if (root == nullptr)

return 0;

const int newMax = max(maxi, root->val);

return (root->val >= maxi) + //

goodNodes(root->left, newMax) + //

goodNodes(root->right, newMax);

}

};