#15 Days of Coding Challenge
#Day 9

Maximum depth of binary tree
#Leetcode 104

Solution:


```cpp
class Solution {
public:
    int maxDepth(TreeNode* root) {
        if (!root) return 0;
        return 1 + max(maxDepth(root->left), maxDepth(root->right));
    }
};
```


Time Complexity: O(n)
Space Complexity: O(n)