MAXIMUM DEPTH

Problem asks us to find the maximum depth of a binary tree.

We use a recursive solution for this where answer is $1 + \max(l, r)$ at each subtree where 1 accounts for the root node

Pseudocode :

```
int maxDepth(Node * root) {
    if (root == NULL) {
        return 0;
    }
    int r = maxDepth(root->right);
    int l = maxDepth(root->left);

    return 1 + max(l, r);
}
```