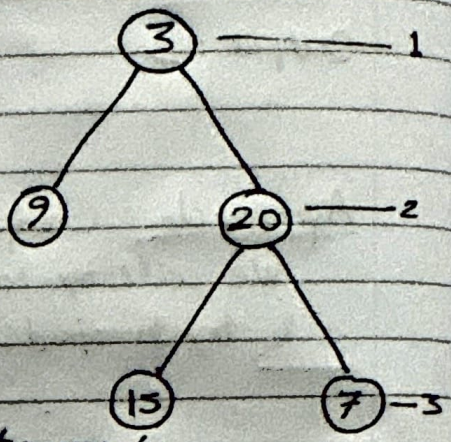
DATE

LEETCODE | 104

Maximum Depth of Binary Tree

Input: root = [3, 9, 20, null, null, 15, 7]

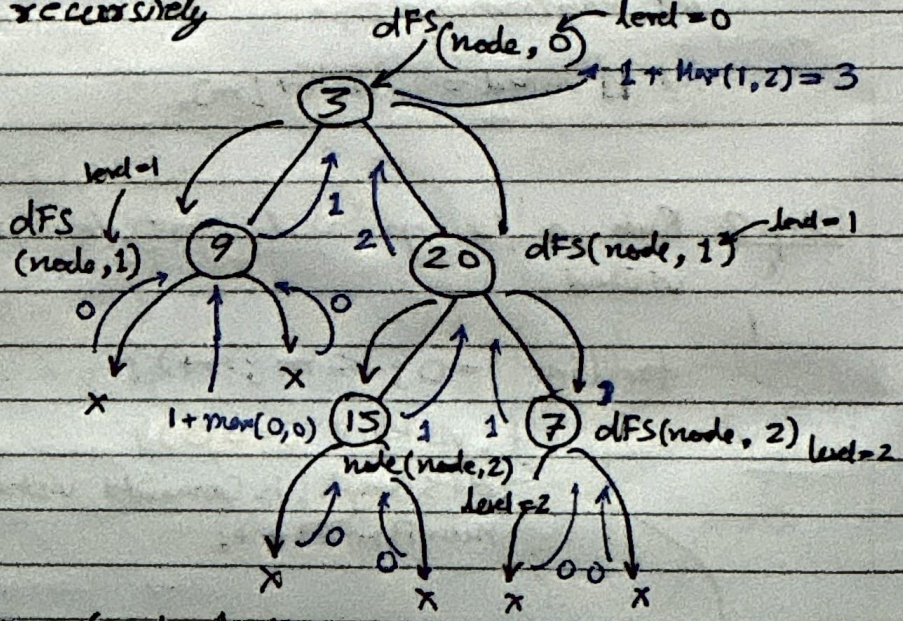
Output: 3



Approach Depth = number of levels (start from 0) + 1

DFS Approach

Step 1 Start from root node traverse in DFS fashion check node, then left & right call dFS recursively




```
int dFSTree (node, level){
    if(node == null)
        return 0;
    int left = dFSTree(node.left, level+1);
    int right = dFsTree(node.right, level+1);
    return 1 + Math.max(left, right);
```

Step 2 call this dFSTree(root, 0) and return answer