Problem 2: Find the **Maximum Depth** of Binary Tree. Maximum Depth is the **count of nodes of the longest path** from the root node to the leaf node.

```
class TreeNode:
    def __init__(self, val=0, left=None, right=None):
        self.val = val
        self.left = left
        self.right = right


def maxDepth(root):
    if root is None:
        return 0

    left_depth = maxDepth(root.left)
    right_depth = maxDepth(root.right)

    return max(left_depth, right_depth) + 1

root = TreeNode(3)
root.left = TreeNode(9)
root.right = TreeNode(20)
root.right.left = TreeNode(15)
root.right.right = TreeNode(7)

depth = maxDepth(root)
print(depth)
```