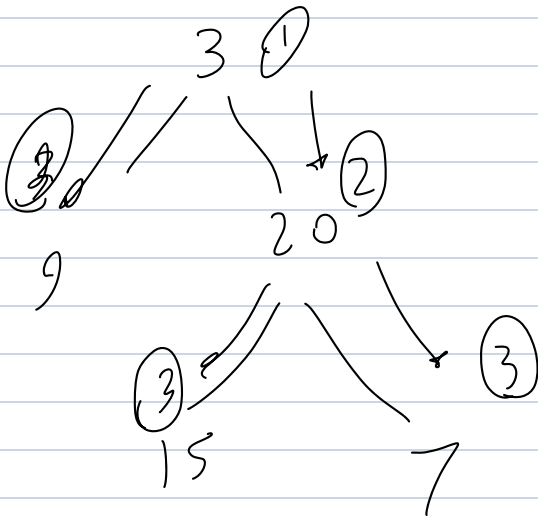


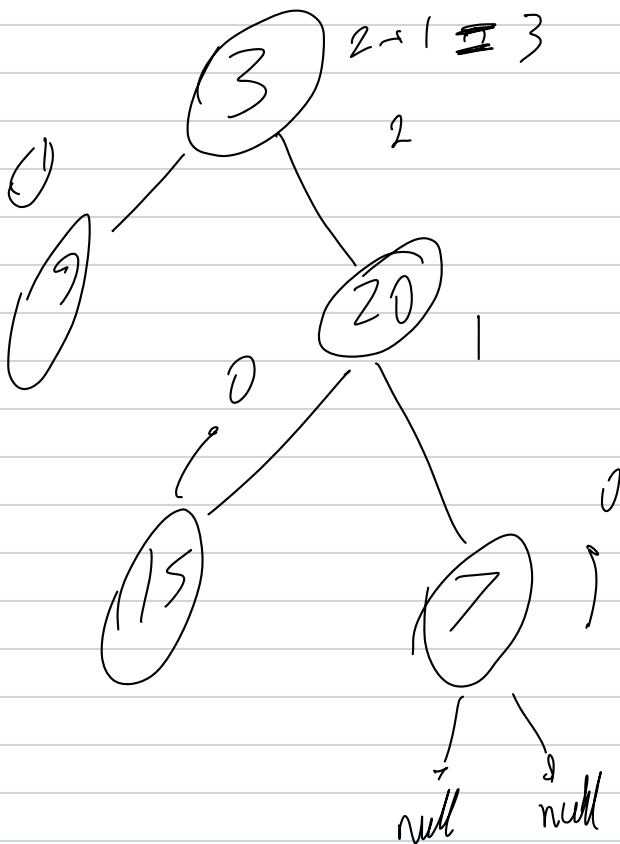
return Max Depth of binary tree

Maximum depth: # of nodes along the longest path from the root node down to the farthest leaf node

ex:



→ 3

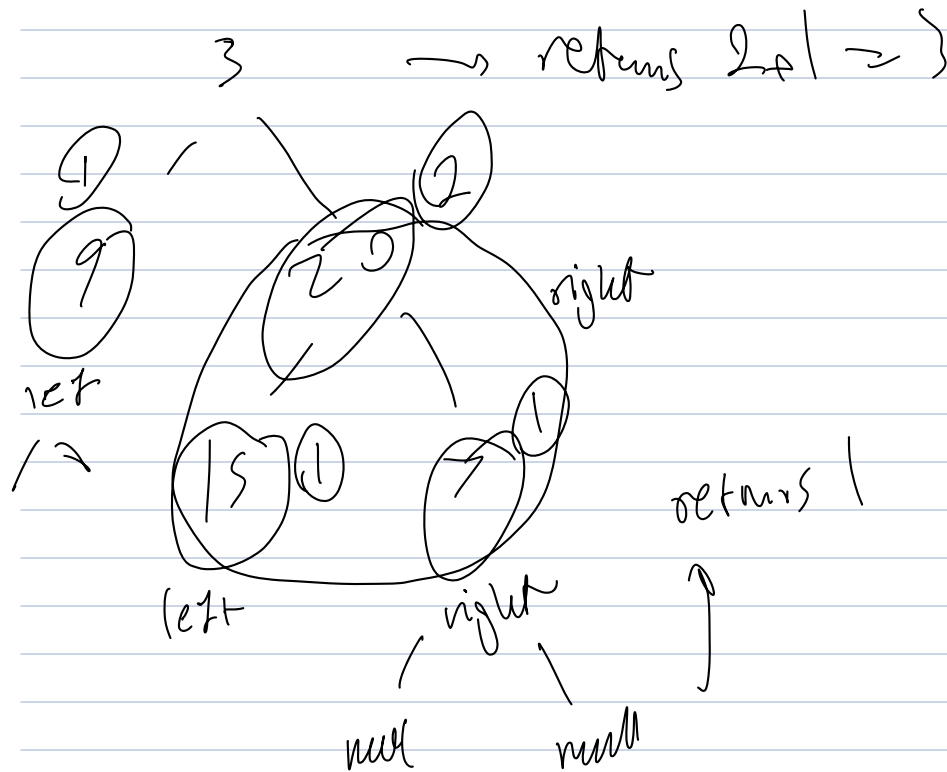


use DFS!!!
↳ recursion

$$\text{Depth} = \max(\text{left}, \text{right}) + 1$$

return depth

will need a base case \rightarrow if left and right null
return depth = 0 + 1

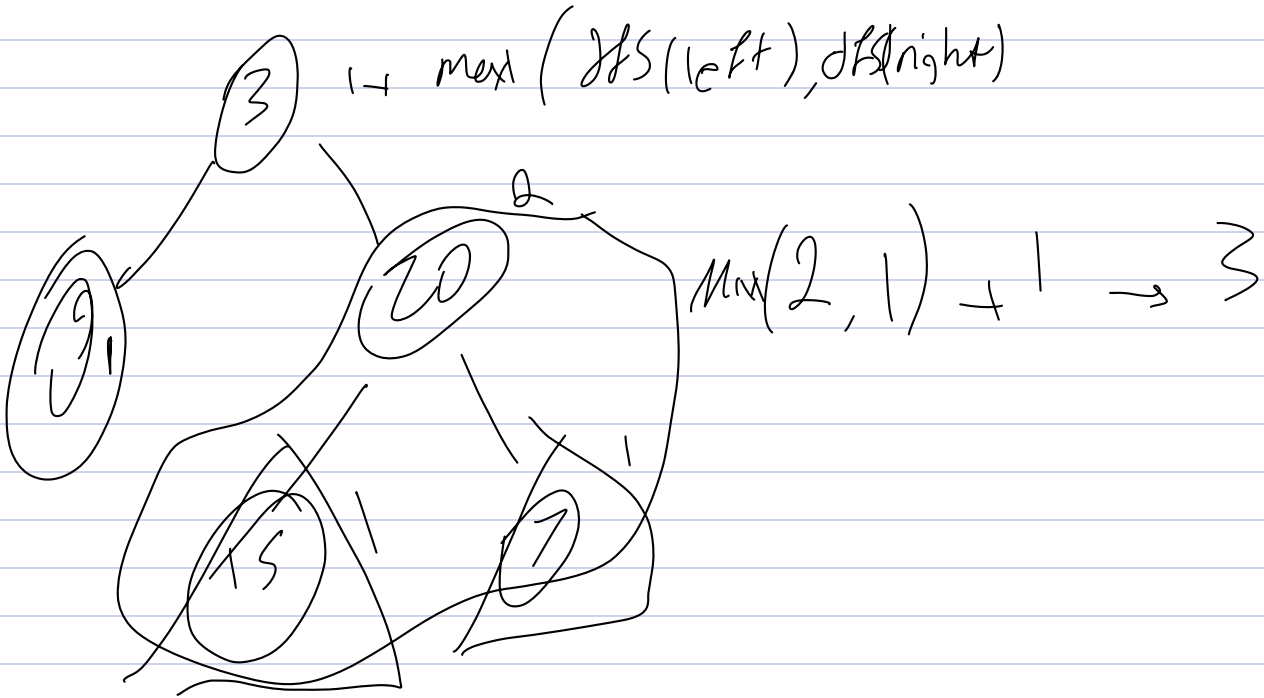
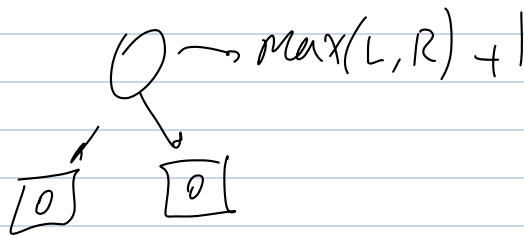


base case if not null:
return 0

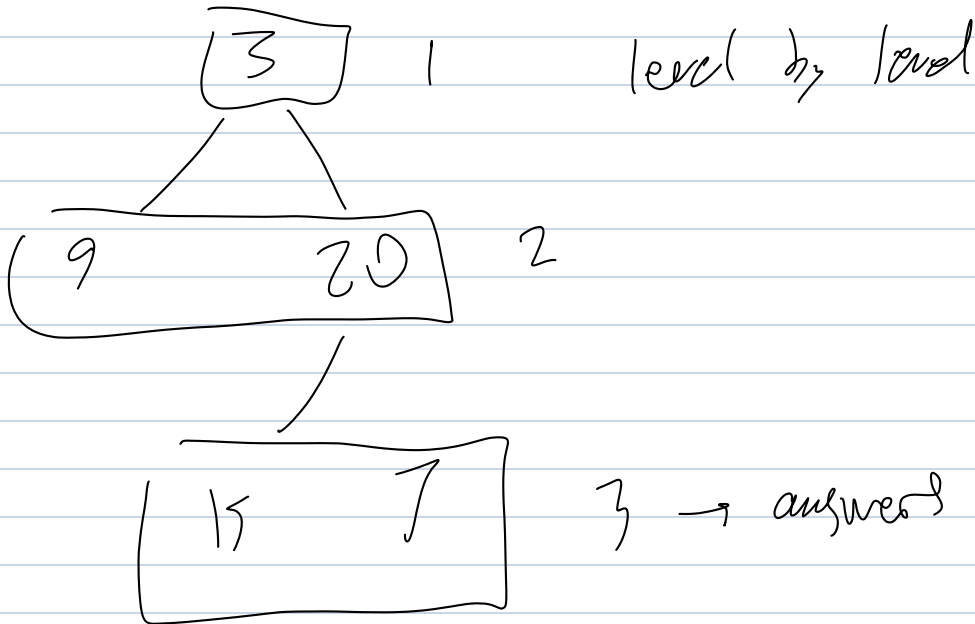
Next code

1st solution

base case $\square \rightarrow 0$



BFS



Queue

