**104. Maximum Depth of Binary Tree**

Easy

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Given the root of a binary tree, return *its maximum depth*.

A binary tree's **maximum depth** is the number of nodes along the longest path from the root node down to the farthest leaf node.

**Example 1:**

图示, 形状

描述已自动生成

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

**Output:** 3

**Example 2:**

**Input:** root = [1,null,2]

**Output:** 2

**Example 3:**

**Input:** root = []

**Output:** 0

**Example 4:**

**Input:** root = [0]

**Output:** 1

**Constraints:**

* The number of nodes in the tree is in the range [0, 104].
* -100 <= Node.val <= 100