

Description

Solution

Submissions

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662. Maximum Width of Binary Tree

Medium

714

143

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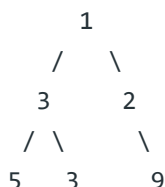
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Given a binary tree, write a function to get the maximum width of the given tree. The width of a tree is the maximum width among all levels. The binary tree has the same structure as a **full binary tree**, but some nodes are null.

The width of one level is defined as the length between the end-nodes (the leftmost and right most non-null nodes in the level, where the `null` nodes between the end-nodes are also counted into the length calculation.

Example 1:

Input:



Output: 4

Explanation: The maximum width existing in the third level with the length 4 (5,3,null,9).

Example 2:

Input:



Output: 2

Explanation: The maximum width existing in the third level with the length 2 (5,3).

i C#

```

6      *      public
7      *      public
      val = x; }
8      * }
9      */
10
11     public cla
12 {
13     public
14     public
15     public
16     public
17     NodeMarker(Tree
18         int p)
19     {
20         nc
21         de
22         pc
23     }
24
25     public cla
26 {
27     public
28     WidthOfBinaryT
29     {
30         //
31         if
32         return 0;
33
34     queue = new Qu

```

Testcase Run Code Result

Finished Runtime: '

Your input [1,3,2,5,3]

Output 4

Expected 4

Console How

Problems

Pick One

< Prev

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Run Code