662. Maximum Width of Binary Tree

Medium 714 143 Favorite Share

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:

           1
         /   \
        3     2
       / \     \
      5   3     9

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

Example 2:

```
Input:

          1
         /
        3
       / \
      5   3

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

C#

```
 *     public
 *     public
val = x; }
 * }
 */

    public cla
    {
        public
        public
        public
        public
NodeMarker(Tre
int p)
        {
            nc
            de
            pc
        }
    }


    public cla
    {
        public
WidthOfBinaryT
        {
            //
            if
return 0;

            Qu
queue = new Qu

```

Testcase Run Code Result

Finished Runtime:

Your input [1,3,2,5,

Output 4

Expected 4

Console Hov