

**Difficulty:** Category: Successful Submissions: 72,003+

## Node Depths ○ ☆

The distance between a node in a Binary Tree and the tree's root is called the node's depth.

Write a function that takes in a Binary Tree and returns the sum of its nodes' depths.

Each BinaryTree node has an integer value, a left child node, and a right child node. Children nodes can either be BinaryTree nodes themselves or None / null.

## Sample Input

## Sample Output

```
// The depth of the node with value 2 is 1.
// The depth of the node with value 3 is 1.
// The depth of the node with value 4 is 2.
// The depth of the node with value 5 is 2.
// Etc..
// Summing all of these depths yields 16.
```

## Hints

Hint 1



Hint 3

Hint 2

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Prompt Your Solutions Custom Output

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