543. Diameter of Binary Tree

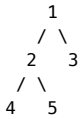👍 1007   👎 58   ♡   ▾

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Given a binary tree, you need to compute the length of the diameter of the tree. The diameter of a binary tree is the length of the **longest** path between any two nodes in a tree. This path may or may not pass through the root.

Example:

Given a binary tree

```
        1
       / \
      2   3
     / \
    4   5
```

Return **3**, which is the length of the path [4,2,1,3] or [5,2,1,3].

Note: The length of path between two nodes is represented by the number of edges between them.

Seen this question in a real interview before? Yes No   ✗

Difficulty: Easy

Total Accepted: 94.2K

Total Submissions: 207.3K

Contributor:

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1
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Submission Result: _Accepted_ (/submissions/detail/191155364/) ❓   More Details ❯ (/submissions/detail/191155364/)

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