

404. Sum of Left Leaves



Description (?tab=Description)



Submission (?tab=Submission)



Solutions (?tab=Solutions)



Add to List (?tab=List)

Total Accepted: **35252** Total Submissions: **76791** Difficulty: **Easy** Contributors: **Admin**

Notes

Find the sum of all left leaves in a given binary tree.

Example:

```
    3
   / \
  9  20
   / \
  15  7
```

There are two left leaves in the binary tree, with values **9** and **15** respectively. Return **24**.

Subscribe (/subscribe/) to see which companies asked this question.

Show Tags

Have you met this question in a real interview? Discuss (<https://discuss.leetcode.com/category/530>)

Pick One (/problems/random-one-question/)

Editorial Solution

Python



```
1 # Definition for a binary tree node.
2 # class TreeNode(object):
3 #     def __init__(self, x):
4 #         self.val = x
5 #         self.left = None
6 #         self.right = None
7
8 class Solution(object):
9     def sumOfLeftLeaves(self, root):
10         """
11         :type root: TreeNode
12         :rtype: int
13         """
14         s=0
15         def soll(root,s):
16             if root:
17                 if root.left and not root.left.left and not root.left.right:
18                     s = s+ root.left.val
19                 s=soll(root.left,s)
20                 s=soll(root.right,s)
21             return s
22         return soll(root,s)
23
```

Custom Testcase ☐

Contribute Testcase

Run Code

Submit Solution

Submission Result: Accepted (/submissions/detail/92469145/)

More Details (/submissions/detail/92469145/)

Next challenges: [\(M\) Populating Next Right Pointers in Each Node II](/problems/populating-next-right-pointers-in-each-node-ii/) [\(M\) Count Univalue Subtrees](/problems/count-univalue-subtrees/)[\(H\) Serialize and Deserialize Binary Tree](/problems/serialize-and-deserialize-binary-tree/)

Share your acceptance!

18

3