

Our Solution(s)

Run Code

Solution 1

Solution 2

1

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2

3

Average: O(log(n)) time | O(log(n)) space

4

Worst: O(n) time | O(n) space

5

def findClosestValueInBst(tree, target):

6

return findClosestValueInBstHelper(tree, target, float("inf"))

7

8

9

def findClosestValueInBstHelper(tree, target, closest):

10

if tree is None:

11

return closest

12

if abs(target - closest) > abs(target - tree.value):

13

closest = tree.value

14

if target < tree.value:

15

return findClosestValueInBstHelper(tree.left, target, closest)

16

elif target > tree.value:

17

return findClosestValueInBstHelper(tree.right, target, closest)

18

else:

19

return closest

Our Tests

Your Solutions

Run Code

Solution 1

Solution 2

Solution 3

1

def findClosestValueInBst(tree, target):

2

Write your code here.

3

pass

4

Custom Output

Raw Output

Submit Code

Run or submit code when you're ready.