Our Solution(s) | Run Code

Solution 1   Solution 2

```python
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# Average: O(log(n)) time | O(log(n)) space
# Worst: O(n) time | O(n) space
def findClosestValueInBst(tree, target):
    return findClosestValueInBstHelper(tree, target, float("inf"))


def findClosestValueInBstHelper(tree, target, closest):
    if tree is None:
        return closest
    if abs(target - closest) > abs(target - tree.value):
        closest = tree.value
    if target < tree.value:
        return findClosestValueInBstHelper(tree.left, target, closest)
    elif target > tree.value:
        return findClosestValueInBstHelper(tree.right, target, closest)
    else:
        return closest
```

Your Solutions | Run Code

Solution 1   Solution 2   Solution 3

```python
def findClosestValueInBst(tree, target):
    # Write your code here.
    pass
```

Custom Output   Raw Output   Submit Code

```python
def findClosestValueInBst(tree, target):
    # Write your code here.
    pass
```

Run or submit code when you're ready.