

Our Solution(s)

Run Code

Solution 1

```
1 # Copyright © 2020 AlgoExpert, LLC. All rights reserved.
2
3 class BST:
4     def __init__(self, value):
5         self.value = value
6         self.left = None
7         self.right = None
8
9
10 # O(n) time | O(d) space
11 def validateBst(tree):
12     return validateBstHelper(tree, float("-inf"), float("inf"))
13
14
15 def validateBstHelper(tree, minValue, maxValue):
16     if tree is None:
17         return True
18     if tree.value < minValue or tree.value >= maxValue:
19         return False
20     leftIsValid = validateBstHelper(tree.left, minValue, tree.va
21     return leftIsValid and validateBstHelper(tree.right, tree.va
22
```

Your Solutions

Run Code

Solution 1 Solution 2 Solution 3

```
1 # This is an input class. Do not edit.
2 class BST:
3     def __init__(self, value):
4         self.value = value
5         self.left = None
6         self.right = None
7
8
9 def validateBst(tree):
10     # Write your code here.
11     pass
12
```

Custom Output

Submit Code

Our Tests

Run or submit code when you're ready.