

Our Solution(s)

Run Code

Your Solutions

Run Code

Solution 1

```
1 // Copyright © 2020 AlgoExpert, LLC. All rights reserved.
2
3 package main
4
5 import "math"
6
7 type BST struct {
8     Value int
9
10    Left  *BST
11    Right *BST
12 }
13
14 // O(n) time | O(d) space
15 func (tree *BST) Validate() bool {
16     return tree.validate(math.MinInt32, math.MaxInt32)
17 }
18
19 func (tree *BST) validate(min, max int) bool {
20     if tree.Value < min || tree.Value >= max {
21         return false
22     }
23     if tree.Left != nil && !tree.Left.validate(min, tree.Value) {
24         return false
25     }
26     if tree.Right != nil && !tree.Right.validate(tree.Value, max) {
27         return false
28     }
29     return true
30 }
31
```

Solution 1Solution 2Solution 3

```
1 package main
2
3 type BST struct {
4     Value int
5
6     Left  *BST
7     Right *BST
8 }
9
10 func (tree *BST) Validate() bool {
11     // Write your code here.
12     return false
13 }
14
```

Run or submit code when you're ready.