

Whether BST

```
1 # Time : O(n)
2 # Space : O(h)
3 def BST(root):
4     if root is None:
5         return True
6     min_val = float('-inf')
7     max_val = float('inf')
8     return isBST(root, min_val, max_val)
9
10 def isBST(root, min_val, max_val):
11     if root is None:
12         return True
13     if root.val <= min_val or root.val >= max_val:
14         return False
15     return isBST(root.left, min_val, root.val) and isBST(root.right, root.val, max_val)
```