

Insert into a Binary Search Tree (/problems/insert-into-a-binary-search-tree/)

Submission Detail

34 / 34 test cases passed.

Memory Usage: **15912000**

Status: **Accepted**

Submitted: **0 minutes ago**

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Accepted Solutions Memory Distribution

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Submitted Code: 0 minutes ago

Language: python

Edit Code

```
1 # Definition for a binary tree node.
2 # class TreeNode(object):
3 #     def __init__(self, x):
4 #         self.val = x
5 #         self.left = None
6 #         self.right = None
7
8 class Solution(object):
9     def insertIntoBST(self, root, val):
10         """
11         :type root: TreeNode
12         :type val: int
13         :rtype: TreeNode
14         """
15         # first find where to insert the node
16         current = root
17         if current == None:
18             return None
19         while (current != None):
20             print("running")
21             if current.val > val and current.left != None:
22                 current = current.left
23                 continue
24             elif current.val < val and current.right != None:
25                 current = current.right
```

```
26         continue
27     #base cases
28     if current.val > val and current.left == None:
29         print("adding")
30         current.left = TreeNode(val)
31         break
32     elif current.val < val and current.right == None:
33         current.right = TreeNode(val)
34         break
35     return root
36
37
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41
```

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