

# Store The Number Of Nodes In Its Left Child Subtree

```
1 # Time : O(n)
2 # Space : O(h)
3 class TreeNode:
4     def __init__(self, x):
5         self.val = x
6         self.left = None
7         self.right = None
8         self.total_left = 0
9
10 def change_subtree(node):
11     if node is None:
12         return 0
13     left_total = change_subtree(node.left)
14     right_total = change_subtree(node.right)
15     node.total_left = left_total
16     return 1 + left_total + right_total
```