

Our Solution(s)	Run Code	Your Solutions	Run Code
<div>Solution 1</div> <pre>1 # Copyright © 2020 AlgoExpert, LLC. All rights reserved. 2 3 # O(n) time   O(n) space 4 def inOrderTraverse(tree, array): 5     if tree is not None: 6         inOrderTraverse(tree.left, array) 7         array.append(tree.value) 8         inOrderTraverse(tree.right, array) 9     return array 10 11 12 # O(n) time   O(n) space 13 def preOrderTraverse(tree, array): 14     if tree is not None: 15         array.append(tree.value) 16         preOrderTraverse(tree.left, array) 17         preOrderTraverse(tree.right, array) 18     return array 19 20 21 # O(n) time   O(n) space 22 def postOrderTraverse(tree, array): 23     if tree is not None: 24         postOrderTraverse(tree.left, array) 25         postOrderTraverse(tree.right, array) 26         array.append(tree.value) 27     return array 28</pre>		<div>Solution 1   Solution 2   Solution 3</div> <pre>1 def inOrderTraverse(tree, array): 2     # Write your code here. 3     pass 4 5 6 def preOrderTraverse(tree, array): 7     # Write your code here. 8     pass 9 10 11 def postOrderTraverse(tree, array): 12     # Write your code here. 13     pass 14</pre>	
<div>Our Tests</div>		<div>Custom Output</div> <div>Submit Code</div>	

```

1  def __init__(self):
2
3      self.left = None
4      self.right = None
5
6      self.val = None
7
8      self.left = None
9      self.right = None
10
11  def insert(self, val):
12      if self.val is None:
13          self.val = val
14          return
15
16      if val < self.val:
17          if self.left is None:
18              self.left = Node(val)
19          else:
20              self.left.insert(val)
21
22      if val > self.val:
23          if self.right is None:
24              self.right = Node(val)
25          else:
26              self.right.insert(val)
27
28  def __str__(self):
29      return str(self.val)

```

Run or submit code when you're ready.