AlgoExpert

Solution 1

Quad Layout

Python

n

12px

Sublime

Solution 1 Solution 2 Solution 3

Monokai

00:00:

Run Code

Our Solution(s) Run Code

```
Your Solutions
```

```
def inOrderTraverse(tree, array):
    # Write your code here.
    pass

def preOrderTraverse(tree, array):
    # Write your code here.
    pass

def postOrderTraverse(tree, array):
    # Write your code here.
    pass

# Write your code here.
    # Write your code here.
    pass
```

```
1 # Copyright © 2020 AlgoExpert, LLC. All rights reserved.
    \# O(n) \text{ time } | O(n) \text{ space}
    def inOrderTraverse(tree, array):
        if tree is not None:
             inOrderTraverse(tree.left, array)
             array.append(tree.value)
             inOrderTraverse(tree.right, array)
        return array
12
    # O(n) time | O(n) space
13
    def preOrderTraverse(tree, array):
14
        if tree is not None:
            array.append(tree.value)
16
            preOrderTraverse(tree.left, array)
            preOrderTraverse(tree.right, array)
18
        return array
19
20
21
    # O(n) time | O(n) space
    def postOrderTraverse(tree, array):
22
        if tree is not None:
            postOrderTraverse(tree.left, array)
postOrderTraverse(tree.right, array)
24
25
26
             \verb"array.append" (\verb"tree.value")"
27
        return array
```

Custom Output Raw Output Submit Code

Run or submit code when you're ready.