AlgoExpert

Solution 1

Quad Layout

12px

27

28 }

Sublime

Solution 1 Solution 2 Solution 3

Monokai

00:00:

Run Code

Submit Code

Our Solution(s)

```
Run Code
```

```
Your Solutions
```

```
1 using System.Collections.Generic;
    public class Program {
     public static List<int> InOrderTraverse(BST tree, List<int> array) {
       // Write your code here.
       return null;
      public static List<int> PreOrderTraverse(BST tree, List<int> array) {
10
       // Write your code here.
       return null;
13
14
      public static List<int> PostOrderTraverse(BST tree, List<int> array) {
       // Write your code here.
16
       return null;
18
19
      public class BST {
20
       public int value;
       public BST left;
       public BST right;
       public BST(int value) {
24
25
         this.value = value;
26
```

 $_{\rm 1}$ // Copyright @ 2020 AlgoExpert, LLC. All rights reserved. using System.Collections.Generic; public class Program { // O(n) time | O(n) space public static List<int> InOrderTraverse(BST tree, List<int> array) { if (tree.left != null) { InOrderTraverse(tree.left, array); array.Add(tree.value); if (tree.right != null) { 13 InOrderTraverse(tree.right, array); 14 return array; 16 17 18 // O(n) time | O(n) space public static List<int> PreOrderTraverse(BST tree, List<int> array) { array.Add(tree.value); 20 if (tree.left != null) { PreOrderTraverse(tree.left, array); if (tree.right != null) { 24 PreOrderTraverse(tree.right, array); 26 27 return array; 28 29 30 // O(n) time | O(n) space public static List<int> PostOrderTraverse(BST tree, List<int> array) { 32 if (tree.left != null) { 33 PostOrderTraverse(tree.left, array); 34 35 $\textbf{if} \ (\texttt{tree.right} \ != \ \textbf{null}) \ \{$ 36 PostOrderTraverse(tree.right, array); 38 array.Add(tree.value); 39 return array; 40 41 public class BST { 43 public int value; public BST left; 45 public BST right; 46 47 public BST(int value) { 48 this.value = value; 49 50 51 }

> **Custom Output Raw Output**

Run or submit code when you're ready.