AlgoExpert

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public class BinaryTree {

public BinaryTree left = null;

public BinaryTree right = null;

public BinaryTree(int value) {

this.value = value;

public int value;

Quad Layout

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Your Solutions

Sublime

Solution 1 Solution 2 Solution 3

Monokai

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Run Code

Our Solution(s) Run Code

```
Solution 1 Solution 2
 1 // Copyright © 2020 AlgoExpert, LLC. All rights reserved.
   using System.Collections.Generic;
   public class Program {
     // O(n) time \mid O(n) space - where n is the number of nodes in the B
     public static BinaryTree FlattenBinaryTree(BinaryTree root) {
        List<BinaryTree> inOrderNodes = getNodesInOrder(root, new List<Bi
9
        for (int i = 0; i < inOrderNodes.Count - 1; i++) {</pre>
         BinaryTree leftNode = inOrderNodes[i];
10
11
          BinaryTree rightNode = inOrderNodes[i + 1];
12
          leftNode.right = rightNode;
          rightNode.left = leftNode;
14
15
       return inOrderNodes[0];
16
17
     public static List<BinaryTree> getNodesInOrder(BinaryTree tree, List
18
19
       if (tree != null) {
20
         getNodesInOrder(tree.left, array);
21
          array.Add(tree);
          getNodesInOrder(tree.right, array);
24
       return array;
25
26
```

```
1 public class Program {
     public static BinaryTree FlattenBinaryTree(BinaryTree root) {
        // Write your code here.
       return root;
      // This is the class of the input root. Do not edit it.
     public class BinaryTree {
       public int value;
10
       public BinaryTree left = null;
11
       public BinaryTree right = null;
12
13
       public BinaryTree(int value) {
14
         this.value = value;
15
16
17 }
18
```

 Our Tests
 Custom Output
 Submit Code



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