AlgoExpert   Quad Layout   JavaScript   14px   Sublime   Monokai   00:00:0

Our Solution(s)   Run Code

Solution 1   Solution 2

```javascript
// Copyright © 2020 AlgoExpert, LLC. All rights reserved.

class BinaryTree {
  constructor(value) {
    this.value = value;
    this.left = null;
    this.right = null;
  }
}

// O(n) time | O(n) space - where n is the number of nodes in the Bin
function flattenBinaryTree(root) {
  const inOrderNodes = getNodesInOrder(root, []);
  for (let i = 0; i < inOrderNodes.length - 1; i++) {
    const leftNode = inOrderNodes[i];
    const rightNode = inOrderNodes[i + 1];
    leftNode.right = rightNode;
    rightNode.left = leftNode;
  }
  return inOrderNodes[0];
}

function getNodesInOrder(tree, array) {
  if (tree !== null) {
    getNodesInOrder(tree.left, array);
    array.push(tree);
    getNodesInOrder(tree.right, array);
  }
  return array;
}

exports.BinaryTree = BinaryTree;
exports.flattenBinaryTree = flattenBinaryTree;
```

Your Solutions   Run Code

Solution 1   Solution 2   Solution 3

```javascript
// This is the class of the input root. Do not edit it.
class BinaryTree {
  constructor(value) {
    this.value = value;
    this.left = null;
    this.right = null;
  }
}

function flattenBinaryTree(root) {
  // Write your code here.
}

// Do not edit the lines below.
exports.BinaryTree = BinaryTree;
exports.flattenBinaryTree = flattenBinaryTree;

```

Our Tests

[illegible]

Custom Output   Submit Code

```
[illegible]
```

Run or submit code when you're ready.