AlgoExpert Quad Layout Go 12px Sublime Monokai 00:00:00

Run Code

Solution 1 Solution 2

Prompt

Scratchpad

```
1\, // Copyright @ 2020 AlgoExpert, LLC. All rights reserved.
 3 package main
 5 type BinaryTree struct {
     Value int
 8 Left *BinaryTree
    Right *BinaryTree
10 }
11
13 // in the Binary Tree
14 func FlattenBinaryTree(root *BinaryTree) *BinaryTree {
     inOrderNodes := []*BinaryTree{}
15
16
     getNodesInOrder(root, &inOrderNodes)
17
     for i := 0; i < len(inOrderNodes)-1; i++ {
18
      leftNode := inOrderNodes[i]
       rightNode := inOrderNodes[i+1]
19
20
21
       leftNode.Right = rightNode
rightNode.Left = leftNode
22
23
     return inOrderNodes[0]
24 }
25
26 func getNodesInOrder(tree *BinaryTree, array *[]*BinaryTree) {
27
28
     if tree != nil {
       getNodesInOrder(tree.Left, array)
29
       *array = append(*array, tree)
30
       getNodesInOrder(tree.Right, array)
31
32 }
33
```

Our Solution(s) Video Explanation