

Solution 1

```
1  # Copyright © 2020 AlgoExpert, LLC. All rights reserved.
2
3  class BinaryTree:
4      def __init__(self, value, left=None, right=None):
5          self.value = value
6          self.left = left
7          self.right = right
8
9
10 # O(n) time | O(d) space - where n is the number of nodes in the Binary Tree and d is the depth (height) of the Binary Tree
11 def rightSiblingTree(root):
12     mutate(root, None, None)
13     return root
14
15
16 def mutate(node, parent, isLeftChild):
17     if node is None:
18         return
19     left, right = node.left, node.right
20     mutate(left, node, True)
21     if parent is None:
22         node.right = None
23     elif isLeftChild:
24         node.right = parent.right
25     else:
26         if parent.right is None:
27             node.right = None
28         else:
29             node.right = parent.right.left
30     mutate(right, node, False)
31
```

