Solution 1 Solution 2

Our Solution(s)

```
Run Code
```

Your Solutions

Run Code

```
Solution 1
 1 // Copyright © 2020 AlgoExpert, LLC. All rights reserved.
   import java.util.*;
   class Program {
     public static class BinaryTree {
       int value;
       BinaryTree left;
9
       BinaryTree right;
10
11
       BinaryTree(int value) {
12
         this.value = value;
         this.left = null;
14
         this.right = null;
15
16
     }
17
     // O(n) time \mid O(n) space - where n is the number of nodes in the Bi
18
     public static List<Integer> branchSums(BinaryTree root) {
19
20
       List<Integer> sums = new ArrayList<Integer>();
21
       calculateBranchSums(root, 0, sums);
22
       return sums;
23
24
25
     public static void calculateBranchSums(BinaryTree node, int runningS
26
        if (node == null) return;
27
28
       int newRunningSum = runningSum + node.value;
29
       if (node.left == null && node.right == null) {
         sums.add(newRunningSum);
30
31
32
33
```

```
1 import java.util.*;
 3 class Program {
     // This is the class of the input root. Do not edit it.
     public static class BinaryTree {
       int value;
       BinaryTree left;
       BinaryTree right;
9
10
       BinaryTree(int value) {
11
         this.value = value;
12
         this.left = null;
13
         this.right = null;
14
15
16
17
     public static List<Integer> branchSums(BinaryTree root) {
       // Write your code here.
18
19
       return null;
20
21 }
```

Solution 3

Run or submit code when you're ready.

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