Difficulty: 🟩   **Category:** ▓▓▓▓▓   **Successful Submissions:** 78,092+

Branch Sums ◯ ☆

Write a function that takes in a Binary Tree and returns a list of its branch sums ordered from leftmost branch sum to rightmost branch sum.

A branch sum is the sum of all values in a Binary Tree branch. A Binary Tree branch is a path of nodes in a tree that starts at the root node and ends at any leaf node.

Each `BinaryTree` node has an integer `value`, a `left` child node, and a `right` child node. Children nodes can either be `BinaryTree` nodes themselves or `None` / `null`.

Sample Input

```
tree =      1
         /     \
       2        3
      /  \     /  \
     4    5   6    7
    / \  /
   8   9 10
```

Sample Output

```
[15, 16, 18, 10, 11]
// 15 == 1 + 2 + 4 + 8
// 16 == 1 + 2 + 4 + 9
// 18 == 1 + 2 + 5 + 10
// 10 == 1 + 3 + 6
// 11 == 1 + 3 + 7
```

Hints

Hint 1	▼

Hint 2	▼

Hint 3	▼