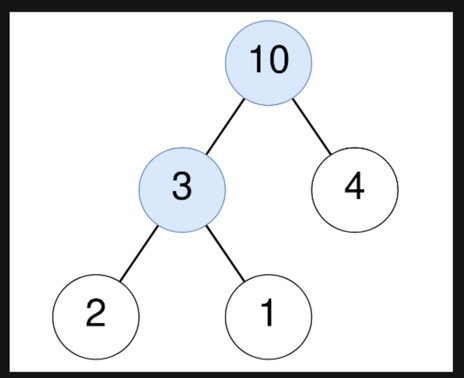
1973. Count Nodes Equal to Sum of Descendants

Description

Given the `root` of a binary tree, return *the number of nodes where the value of the node is equal to the* ***sum*** *of the values of its descendants*.

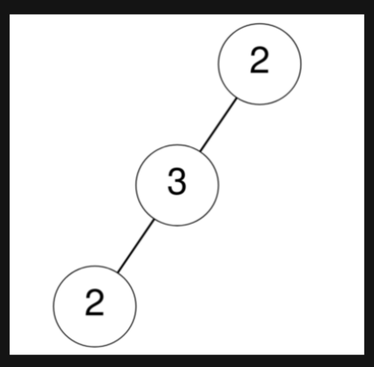
A **descendant** of a node `x` is any node that is on the path from node `x` to some leaf node. The sum is considered to be `0` if the node has no descendants.

Example 1:




```
Input: root = [10,3,4,2,1]
Output: 2
Explanation:
For the node with value 10: The sum of its descendants is 3+4+2+1 = 10.
For the node with value 3: The sum of its descendants is 2+1 = 3.
```

Example 2:




```
Input: root = [2,3,null,2,null]
Output: 0
Explanation:
No node has a value that is equal to the sum of its descendants.
```

Example 3:


```
Input: root = [0]
Output: 1
For the node with value 0: The sum of its descendants is 0 since it has no descendants.
```

Constraints:

- The number of nodes in the tree is in the range `[1, 10^5]`.
- `0 <= Node.val <= 10^5`