**Count Number of SubTrees having given Sum:-**

Given a binary tree and an integer **X**. Your task is to complete the function **countSubtreesWithSumX()** that returns the count of the number of subtress having total node’s data sum equal to the value **X**.  
**Example:** For the tree given below:

              5  
            /    \  
        -10     3  
        /    \    /  \  
      9     8  -4 7

Subtree with sum 7:  
             -10  
            /      \  
          9        8

and one node 7.

**Example 1:**

**Input:**

5

  / \

  -10 3

 / \ / \

 9 8 -4 7

X = 7

**Output:** 2

**Explanation:** Subtrees with sum 7 are

[9, 8, -10] and [7] (refer the example

in the problem description).

**Example 2:**

**Input:**

1

  / \

 2 3

X = 5

**Output:** 0

**Explanation:** No subtree has sum equal

to 5.

**Your Task:**  
You don't need to read input or print anything. Your task is to complete the function **countSubtreesWithSumX**() which takes the root node and an integer X as inputs and returns the number of subtrees of the given Binary Tree having sum exactly equal to X.

**Expected Time Complexity:**O(N).  
**Expected Auxiliary Space:**O(Height of the Tree).

**Constraints:**  
1 <= N <= 103  
-103 <= Node Value <= 103