Zero Sum Subarrays

You are given an array arr[] of size n. Find the total count of sub-arrays having their sum equal to 0.

Example 1:

```
Input: n = 6
arr[] = {0,0,5,5,0,0}
Output: 6 Explanation: The 6 subarrays are [0], [0], [0], [0], [0,0], and [0,0].
```

Example 2:

```
Input: n = 10
arr[] = {6,-1,-3,4,-2,2,4,6,-12,-7}
Output: 4 Explanation: The 4 subarrays are [-1 -3 4]
[-2 2], [2 4 6 -12], and [-1 -3 4 -2 2]
```

Your Task:

You don't need to read input or print anything. Complete the function **findSubarray()** that takes the array arr and its size n as input parameters and returns the total number of sub-arrays with 0 sum.

Expected Time Complexity : O(n) **Expected Auxilliary Space** : O(n)

```
import collections
class Solution:
    #Function to count subarrays with sum equal to 0.
    def findSubArrays(self,arr,n):

        #return: count of sub-arrays having their sum equal to 0
        sumFreq = collections.defaultdict(int)
        sumFreq[0] = 1
        count = 0
        sum = 0
        for i in range(n):
            sum = sum+arr[i]
            if sum in sumFreq:
                 count = count+sumFreq[sum]
                  sumFreq[sum] = sumFreq[sum]+1
            else:
```

sumFreq[sum] = 1

return count