

Count Of Subarrays With Equal Number Of Zeroes And Ones

1. You are given an array that contains only 0s and 1s.
2. You have to find the count of subarrays with equal number of 0s and 1s.

Input Format

A number N

arr1

arr2.. N numbers

Output Format

A number representing count of subarrays with equal number of 0s and 1s.

```
def countSubarrayWithEqualZeroAndOne(arr):  
    for i, ele in enumerate(arr):  
        if ele == 0:  
            arr[i] = -1  
  
    freq = {0: 1}  
    prefix = 0  
    count = 0  
    for ele in arr:  
        prefix = prefix + ele  
        if prefix in freq:  
            count = count + freq[prefix]  
        freq[prefix] = freq.get(prefix, 0) + 1  
    return count  
  
arr = [0, 1, 1, 0, 1, 1]  
print(countSubarrayWithEqualZeroAndOne(arr))
```