STUDENT REPORT

DETAILS

Name

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EXPERIMENT

Title

SUBARRAY SUM TRIPLETS

Description

You are given an array of integers containing N elements. Your task is to find and return an integer value representing the total number of subarrays of size 3 such that the sum of the first element and the third element is equal to the second element.

Note: A continous part of an array is a subarray

Input Specification:

input: An integer array of size N

Input2: An integer value N, representing the size of array.

Output Specification:

Return an integer value representing the total number of subarrays of size 3 such that the sum of the first element and the third element is equal to the second element.

Example:

Sample input:

5

1 2 1 3 5

Sample output:

1

Explanation:

only triplet is [1,2,1]

Source Code:

```
n=int(input())
a=list(map(int,input().split()))
c=0
for i in range(n-2):
    if a[i]+a[i+2]==a[i+1]:
        c+=1
print(c)
```

RESULT

5 / 5 Test Cases Passed | 100 %