**Print the number of subarrays of  having negative sums**.

import java.io.\*;

import java.util.\*;

public class Solution {

public static void main(String[] args) {

/\* Enter your code here. Read input from STDIN. Print output to STDOUT. Your class should be named Solution. \*/

Scanner sc=new Scanner(System.in);

int n=sc.nextInt();

int[] array1= new int[n];

for(int i=0;i<n;i++){

array1[i]=sc.nextInt();

}

int count=0;

for(int j=0;j<n;j++){

int sum=0;

for(int k=j;k<n;k++){

sum=array1[k]+sum;

if(sum<0){

count++;

}

}

}

System.out.println(count);

}

}

**Sample Input**

5

1 -2 4 -5 1

**Sample Output**

9

**Explanation**

There are nine negative subarrays of :

1. -2
2. -5
3. 1,-2
4. 1,-2,4
5. 1,-2,4,-5
6. -2,4,-5
7. 4,-5,1
8. -5,1
9. 1,-2,4,-5,1