

Pair Sum to 0

[Send Feedback](#)

Given a random integer array A of size N. Find and print the count of pair of elements in the array which sum up to 0.

Note: Array A can contain duplicate elements as well.

Input format:

The first line of input contains an integer, that denotes the value of the size of the array. Let us denote it with the symbol N.

The following line contains N space separated integers, that denote the value of the elements of the array.

Output format :

The first and only line of output contains the count of pair of elements in the array which sum up to 0.

Constraints :

$0 \leq N \leq 10^4$

Time Limit: 1 sec

Sample Input 1:

```
5
2 1 -2 2 3
```

Sample Output 1:

```
2
```