

## 2723 - Small Sums

### Description

Our friend Nolberto are interested now in the sum of numbers, it has a value  $V$ , as well as a few different numbers together. He wants to know how many of the given numbers can be added together with other two numbers, so that the result of this sum is not greater than  $V$ . Can you assume that there are at least three issues?

For example if Nolberto has the numbers 12, 2, 5, 14.1 and the value of  $V$  is 15, there is only one number that can not be added to the other two but not exceeding 15 and 14. Example 2 can be joined with the 5 to 1, resulting in 8 which is lower than or equal to 15.

### Input specification

The input contains an integer  $V$ , followed by a line with a number  $3 \leq n \leq 1000$ , followed by line with  $n$  different numbers.

### Output specification

Enter the amount of line numbers given which can add up to two of these numbers so that the result is not greater than  $V$ .

### Sample input

```
15
5
12 2 5 14 1
```

### Sample output

```
4
```

### Hint(s)

Source	José Noberto Isac González
Added by	<b>Igvallejo</b>
Addition date	2014-02-27
Time limit (ms)	10000

## Caribbean Online Judge

Test limit (ms)	1000
Memory limit (kb)	130000
Output limit (mb)	64
Size limit (bytes)	15000
Enabled languages	Bash C C# C++ Java Pascal Perl PHP Python Ruby Text