1462 - Easy Sum

Description

Life sometimes gives us some gifts and this is one of them. Take a list of numbers arbitrarily long, compute their sum, and output the remainder of that sum when divided by 128. Life itself is harder right?

Input specification

First line says the N which is the length of the given list (1 <= N <= 1000). N lines follow each one with a single integer from the list. Even when the integers are supposed to be arbitrarily long, for practical purposes you may assume, all numbers are within this range [1, 10^100000] :).

Output specification

A single integer with the required remainder.

Sample input

```
2
1
10
```

Sample output

```
11
```

Hint(s)

Source	Ray W. Robinson Valiente
Added by	**ejaltuna**
Addition date	2011-10-13 05:51:29.0
Time limit (ms)	25000
Test limit (ms)	5000
Memory limit (kb)	65536

Output limit (mb)	64
Size limit (bytes)	100000
Enabled languages	C C# C++ Java Pascal Perl PHP Python Ruby Text