Sum Digits

Input file:	`standard input`
Output file:	`standard output`
Time limit:	2 seconds
Memory limit:	256 megabytes

Given a number N and an array A of N digits **(not separated by space)**. Print the **summation** of these digits.

Input

First line contains a number N ($1 \leq N \leq 10^6$) number of digits.

Second line contains N digits ($0 \leq A_i \leq 9$).

Output

Print the **summation** of these digits.

Example

standard input	standard output
5 13305	12

Note

First Example :

$1 + 3 + 3 + 0 + 5 = 12$.