
72785. From zero to hero

Input file: standard input
Output file: standard output
Time limit: 1 second
Memory limit: 256 megabytes

Given n numbers you need to output the number of zeros among these numbers.

Input

In the first line, input n . $1 \leq n \leq 1000$. In the second line, input n positive integer numbers.

Output

Output the answer to the problem.

Examples

standard input	standard output
5 100 10 101 11 50	5
4 301 1 20 88	2
7 1 1 1 1 1 1 1	0
2 101 10	2
8 10 1000 10101 5 1 2 10 51	7