Odd

Description

Given a list of numbers, find how many occur an odd number of times.

Input

The first line is the length of the list, 0 < N <= 9,000.
The next N lines are the positive integers in the list, each at most 50,000,000.

Output

Output the number of numbers that occur an odd number of time.

Input	Input
1	6
1	1
	3
	4
	3
	3
	4

Output	Output
1	2