

# INTEST – Enormous Input Test

Source : <http://www.spoj.com/problems/INTEST/>

The purpose of this problem is to verify whether the method you are using to read input data is sufficiently fast to handle problems branded with the **enormous Input/Output** warning. You are expected to be able to process at least 2.5MB of input data per second at runtime.

## Input

The input begins with two positive integers  $n$   $k$  ( $n, k \leq 10^7$ ). The next  $n$  lines of input contain one positive integer  $t_i$ , not greater than  $10^9$ , each.

## Output

Write a single integer to output, denoting how many integers  $t_i$  are divisible by  $k$ .

## Example

### Input :

```
7 3
1
51
966369
7
9
999996
11
```

### Output :

```
4
```