

# Enormous Input Test

| Problem Code: **INTEST**

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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
```

All submissions for this problem are available.

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Tags: [u\\_admin\\_codechef\\_pw](#)

Date Added: 1-12-2008

Time Limit: 8 secs

Source Limit: 50000 Bytes

Languages: CPP14, C, JAVA, PYTH 3.6, PYTH, CS2, ADA, PYPY, PYP3, TEXT, CPP17, PAS fpc, RUBY, PHP, NODEJS, GO, TCL, HASK, PERL, SCALA, kotlin, BASH, JS, PAS gpc, BF, LISP sbcl, CLOJ, LUA, D, R, CAML, rust, ASM, FORT, FS, LISP clisp, SQL, swift, SCM guile, CLPS, WSPC, ERL, ICK, NICE, PRLG, ICON, PIKE, COB, SCM chicken, SCM qobi, ST, NEM

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