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<=107). The next n lines of input contain one positive integer ti, not greater than 109, each.

**Output**

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

**Example**

**Input:**

7 3

1

51

966369

7

9

999996

11

**Output:**

4

|  |  |
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| Author: | [admin](http://www.codechef.com/users/admin) |
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