INTEST - Enormous Input Test

*no tags*

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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using System;

using System.Collections.Generic;

using System.Linq;

using System.Text;

using System.Threading.Tasks;

class Principal

{

static void Main(string[] args)

{

string[] input = Console.ReadLine().Trim().Split( ' ');

int n, k;

n = int.Parse(input[0]);

k = int.Parse(input[1]);

int cont = 0;

while (n-- > 0)

{

long t = long.Parse(Console.ReadLine().Trim());

if (t % k == 0)

{

cont++;

}

}

Console.WriteLine(cont);

Console.ReadLine();

}

}