Control C201C   P34451_en

Your task is to write a program that reads an integer strictly positive x and a sequence of integers, and prints how many elements of the sequence are multiple of x.

Input

The input is an integer $x > 0$ followed by a sequence of integers.

Output

Your program must print the number of elements of the sequence that are multiple of x.

Sample input 1	Sample output 1
13 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15	2

Sample input 2	Sample output 2
2 -5 -4 -3 -2 -1 0 1 2 3 4 5	5

Sample input 3	Sample output 3
32	0

Sample input 4	Sample output 4
13 26 59 13 13 13 26 1	5

Problem information

Author : Professorat de P1
Translator : Carlos Molina
Generation : 2024-04-30 19:37:21