Problem C. Divisible

Time Limit 2000 ms
Mem Limit 1048576 kB

Problem Statement

You are given positive integers N and K, and a sequence of length N, $A = (A_1, A_2, \ldots, A_N)$.

Extract all elements of A that are multiples of K, divide them by K, and print the quotients.

Constraints

- $1 \leq N, K \leq 100$
- $1 \leq A_1 < A_2 < \ldots < A_N \leq 100$
- A has at least one multiple of K.
- All given numbers are integers.

Input

The input is given from Standard Input in the following format:

N K
A_1 A_2 $\ldots$ A_N

Output

Divide all elements of A that are multiples of K and print the quotients in ascending order with spaces in between.

Sample 1

Input	Output
5 2 2 5 6 7 10	1 3 5

The multiples of 2 among the elements in A are 2, 6, and 10. Divide them by 2 to get 1, 3, and 5, and print them in ascending order with spaces in between.

Sample 2

Input	Output
3 1 3 4 7	3 4 7

Sample 3

Input	Output
5 10 50 51 54 60 65	5 6