## samba — 100 points

Source code: **samba.c, samba.cpp, samba.pas**
Input files: **samba.in**
Output files: **samba.out**
Time limit: **1.0 s**
**Memory limit: 2 MB**

Every year Rio de Janeiro is the host of The Rio samba dance festival. In this year's edition the **n** dancers representing the samba schools around the world will dance on the streets trying to impress the public by both dance and clothes. **Each samba school** is represented by a single group of dancers and has a unique identification number (**ID**) which will be worn by all of its members. Within a group, all members are wearing the same suits, with the identification number attached, when moving **in formation** on the streets of Rio.
For everything to go well, the organizers require each group to arrange its members on multiple rows, each formed exactly of **k** dancers.

### Task
Knowing that **only one samba school** couldn't organize its dancers according to the conditions, your task is to find its ID.

### Description of input
The first line of the input file **samba.in** contains the space-separated numbers **n** and **k**. The following **n** lines contain the IDs ($C_1, C_2, \ldots, C_n$) of the **n** dancers.

### Description of output
The first line of the output file **samba.out** contains a single value, representing the answer to the task.

### Constraints
- **40% of tests has $n \leq 1\,000$**
- **$1 \leq n \leq 1\,000\,000$**
- **$2 \leq k \leq 1\,000$**
- **$0 \leq C_i \leq 1\,000\,000\,000$, $1 \leq i \leq n$**

### Example

| samba.in | samba.out | Remarks |
|---|---|---|
| 11 2<br>123<br>1678<br>43<br>123<br>123<br>43<br>123<br>43<br>123<br>1678<br>123 | 43 | There are **11** dancers which belong to the samba schools identified by the IDs **123**, **1678** and **43**. Dancers of each samba school have to arrange on rows formed of exactly **2** persons. One samba school has the **123** ID and **6** dancers which can be arranged on **3** rows, each consisting of **2** persons. Another samba school, with the **1678** ID, has **2** dancers which can be arranged on a single row.<br>The school with the ID **43** has **3** dancers which cannot be organized according to the conditions. |