

# Lisa's Workbook

Lisa just got a new math workbook. A workbook contains exercise problems, grouped into chapters.

- There are  $n$  chapters in Lisa's workbook, numbered from  $1$  to  $n$ .
- The  $i$ -th chapter has  $t_i$  problems, numbered from  $1$  to  $t_i$ .
- Each page can hold *up to*  $k$  problems. There are no empty pages or unnecessary spaces, so only the last page of a chapter may contain fewer than  $k$  problems.
- Each new chapter starts on a new page, so a page *will never* contain problems from more than one chapter.
- The page number indexing starts at  $1$ .

Lisa believes a problem to be *special* if its index (within a chapter) is the same as the page number where it's located. Given the details for Lisa's workbook, can you count its number of *special* problems?

**Note:** See the diagram in the *Explanation* section for more details.

## Input Format

The first line contains two integers  $n$  and  $k$  — the number of chapters and the maximum number of problems per page respectively.

The second line contains  $n$  integers  $t_1, t_2, \dots, t_n$ , where  $t_i$  denotes the number of problems in the  $i$ -th chapter.

## Constraints

- $1 \leq n, k, t_i \leq 100$

## Output Format

Print the number of *special* problems in Lisa's workbook.

## Sample Input

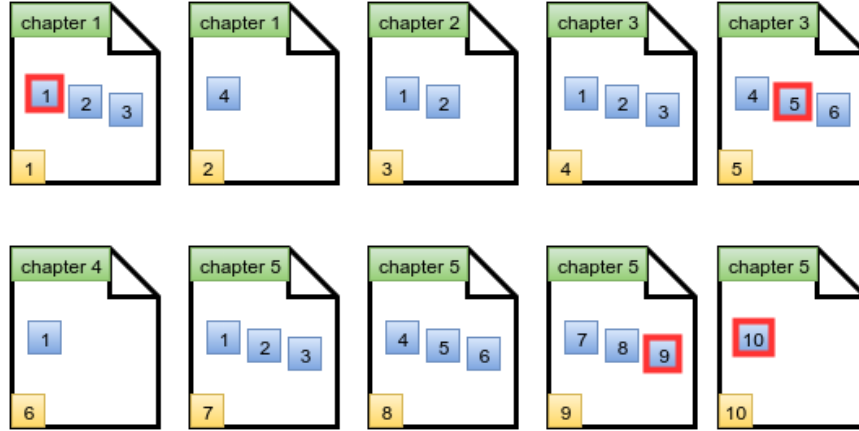
```
5 3
4 2 6 1 10
```

## Sample Output

```
4
```

## Explanation

The diagram below depicts Lisa's workbook with  $n = 5$  chapters and a maximum of  $k = 3$  problems per page. Special problems are outlined in red, and page numbers are in yellow squares.



There are 4 special problems and thus we print the number 4 on a new line.