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## Lisa's Workbook ☆

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Lisa just got a new math workbook. A workbook contains exercise problems, grouped into chapters. Lisa believes a problem to be *special* if its index (within a chapter) is the same as the page number where it's located. The format of Lisa's book is as follows:

- There are  $n$  chapters in Lisa's workbook, numbered from **1** to  $n$ .
- The  $i^{th}$  chapter has  $arr[i]$  problems, numbered from **1** to  $arr[i]$ .
- Each page can hold up to  $k$  problems. Only a chapter's last page of exercises 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**.

Given the details for Lisa's workbook, can you count its number of *special* problems?

For example, Lisa's workbook contains  $arr[1] = 4$  problems for chapter **1**, and  $arr[2] = 2$  problems for chapter **2**. Each page can hold  $k = 3$  problems. The first page will hold **3** problems for chapter **1**. Problem **1** is on page **1**, so it is *special*. Page **2** contains only Chapter **1**, Problem



no *special* problem is on page **2**. Chapter **2** problems start on page **3** and there are **2** problems. Since there is no problem **3** on page **3**, there is no *special* problem on that page either. There is **1** *special* problem in her workbook.

**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.

The second line contains  $n$  space-separated integers  $arr[i]$  where  $arr[i]$  denotes the number of problems in the  $i^{th}$  chapter.

### Constraints

- $1 \leq n, k, arr[i] \leq 100$

### Output Format

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

### Sample Input

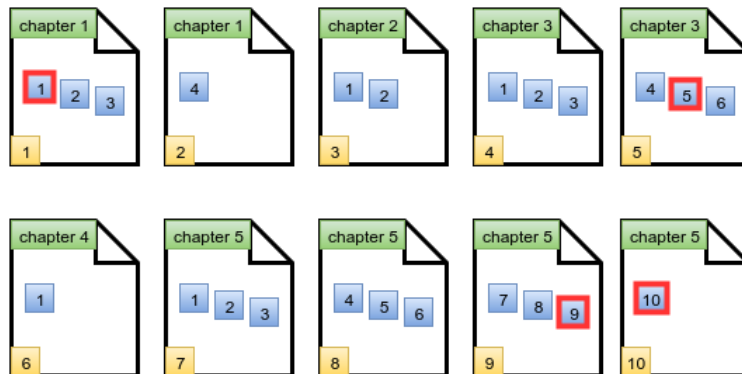
```
5 3
4 2 6 1 10
```

### 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.