**NATIONAL OLYMPIAD IN INFORMATICS**

**School Round  
  5 January, 2012**  
**Group C**

**Task. BALLS**

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Given are *n* boxes, which were empty. During the day Ivancho placed balls *k* times in some of the boxes. Write program **balls**, which computes the number of empty boxes at the end of the day.

The program reads data by the standard input. On the first line are given the values of *n* and *k*. On each of the next k lines a box number (1,2,…*n*), in which Ivancho has set balls, is given.

On the standard output the program has to write an integer, which is the sought value.

**Constraints:**

1 < *n* < 1 000 000 000 000

1 < *k* < 101

**Example.**

**Input:**

5 4

1

1

2

2

**Output:**

3