

## VK Cup 2012 Qualification Round 1

### A. Next Round

time limit per test: 3 seconds

memory limit per test: 256 megabytes

input: standard input

output: standard output

"Contestant who earns a score equal to or greater than the  $k$ -th place finisher's score will advance to the next round, as long as the contestant earns a positive score..." — an excerpt from contest rules.

A total of  $n$  participants took part in the contest ( $n \geq k$ ), and you already know their scores. Calculate how many participants will advance to the next round.

#### Input

The first line of the input contains two integers  $n$  and  $k$  ( $1 \leq k \leq n \leq 50$ ) separated by a single space.

The second line contains  $n$  space-separated integers  $a_1, a_2, \dots, a_n$  ( $0 \leq a_i \leq 100$ ), where  $a_i$  is the score earned by the participant who got the  $i$ -th place. The given sequence is non-increasing (that is, for all  $i$  from 1 to  $n - 1$  the following condition is fulfilled:  $a_i \geq a_{i+1}$ ).

#### Output

Output the number of participants who advance to the next round.

#### Sample test(s)

input
8 5 10 9 8 7 7 7 5 5
output
6
input
4 2 0 0 0 0
output
0

#### Note

In the first example the participant on the 5th place earned 7 points. As the participant on the 6th place also earned 7 points, there are 6 advancers.

In the second example nobody got a positive score.