



HOME TOP CONTESTS GYM PROBLEMSET GROUPS RATING EDU API CALENDAR HELP

STATUS PROBLEMS SUBMIT CODE MY SUBMISSIONS STANDINGS CUSTOM INVOCATION

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 $(n \ge k)$, and you already know their scores. Calculate how many participants will advance to the next round.

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

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

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

Examples



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.

→ Attention

Package for this problem was not updated by the problem writer or Codeforces administration after we've upgraded the judging servers. To adjust the time limit constraint, solution execution time will be multiplied by 2. For example, if your solution works for 400 ms on judging servers, then value 800 ms will be displayed and used to determine the verdict.

VK Cup 2012 Qualification Round 1

Finished Practice

→ Virtual participation

Virtual contest is a way to take part in past contest, as close as possible to participation on time. It is supported only ICPC mode for virtual contests. If you've seen these problems, a virtual contest is not for you - solve these problems in the archive. If you just want to solve some problem from a contest, a virtual contest is not for you - solve this problem in the archive. Never use someone else's code, read the tutorials or communicate with other person during a virtual contest.

Start virtual contest

→ Practice

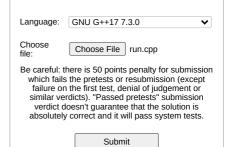
You are registered for practice. You can solve problems unofficially. Results can be found in the contest status and in the bottom of standings.

→ Clone Contest to Mashup

You can clone this contest to a mashup

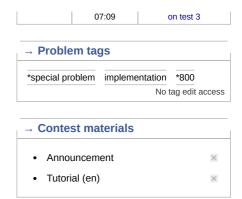
Clone Contest

→ Submit?



→ Last submissions

Submission	Time	Verdict
<u>112156524</u>	Apr/06/2021 17:40	Wrong answer on test 7
112118278	Apr/06/2021	Time limit exceeded



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Desktop version, switch to mobile version.

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