HOME   TOP   CONTESTS   GYM   PROBLEMSET   GROUPS   RATING   API   HELP   LYFT 🏆   MAILRU CUP 🏆   CALENDAR

PROBLEMS   SUBMIT   STATUS   STANDINGS   CUSTOM TEST

Educational Codeforces Round 15

Finished

A. Maximum Increase

time limit per test: 1 second
memory limit per test: 256 megabytes
input: standard input
output: standard output

You are given array consisting of n integers. Your task is to find the maximum length of an increasing subarray of the given array.

A subarray is the sequence of consecutive elements of the array. Subarray is called increasing if each element of this subarray **strictly greater** than previous.

Input
The first line contains single positive integer n ($1 \le n \le 10^5$) — the number of integers.

The second line contains n positive integers $a_1, a_2, ..., a_n$ ($1 \le a_i \le 10^9$).

Output
Print the maximum length of an increasing subarray of the given array.

Examples

input	Copy
5 1 7 2 11 15	

output	Copy
3	

input	Copy
6 100 100 100 100 100 100	

output	Copy
1	

input	Copy
3 1 2 3	

output	Copy
3	

→ **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 ACM-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

→ **Problem tags**

dp   greedy   implementation

No tag edit access

→ **Contest materials**

- Announcement   ✕