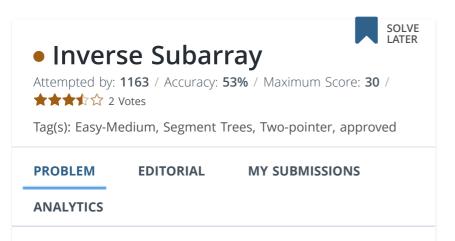
CHALLENGES PRACTICE COMPANIES

All Tracks > Data Structures > Advanced Data Structures > Segment Trees > Problem



You are given an array consisting of N integers. Now, you need to find the length of largest sub array of this array where first element of this sub array is \geq than the last element of that sub array.

Let us consider a sub array from index i to j. You need to find the length of the maximum length sub array, such that $A[i] \ge A[j]$.

Sample Input:

The first line contains a single integer T denoting the number of test cases in a single test file. Each test case is spread over 2 lines, in the following format :

The first line of each test case contains a single integer N denoting the size of the given array A. The next line contains N space separated integers, where the i^{th} integer denotes A[i].

Sample Output:

For each test case output answer in new line.

Constraints:

 $1 \leq T \leq 10$

 $1 \le N \le 10^5$



CONTRIBUTOR



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Anand Jaisingh

THIS PROBLEM WAS ASKED IN

Alacriti CHALLENGE NAME
Alacriti Fresher Hiring Challenge



f

3

in

G+

SAMPLE INPUT	SAMPLE OUTPUT
1	5
5 4 3 2 1	

Explanation

The max length sub array which can be chosen is from index 1 to 5.

Time Limit:	1.0 sec(s) for each input file.
Memory Limit:	256 MB
Source Limit:	1024 KB
Marking Scheme:	Marks are awarded when all the
	testcases pass.
Allowed Languages:	C, C++, C++14, Clojure, C#, D, Erlang,
	F#, Go, Groovy, Haskell, Java, Java 8,
	JavaScript(Rhino), JavaScript(Node.js),
	Julia, Kotlin, Lisp, Lisp (SBCL), Lua,
	Objective-C, OCaml, Octave, Pascal,
	Perl, PHP, Python, Python 3, R(RScript),
	Racket, Ruby, Rust, Scala, Swift, Visual
	Basic

CODE EDITOR

Save C++14 (g++ 5.4.0)

1 #include <iostream>
2 #include <cstdio>
3 #define big long long
4 using namespace std;