SOLVE LATER

Inverse Subarray

Attempted by: **1163** / Accuracy: **53%** / Maximum Score: **30** /
2 Votes

Tag(s): Easy-Medium, Segment Trees, Two-pointer, approved

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 $A[i] \geq A[j]$.

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:

$1 \leq T \leq 10$

$1 \leq N \leq 10^5$

BEST SUBMISSIONS

LANGUAGE: C

TIME (sec) 1.00916 | MEMORY (KiB) 64

by raj naregal

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THIS PROBLEM WAS ASKED IN

Alacriti CHALLENGE NAME
Alacriti Fresher Hiring Challenge

SOCIAL SHARE

$-10^9 \leq A[i] \leq 10^9$

SAMPLE INPUT	SAMPLE OUTPUT
1 5 5 4 3 2 1	5

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

Enter your code or Upload your code as file.

Save C++14 (g++ 5.4.0)

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