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KQUERY - K-query

no tags

English (/problems/KQUERY/en/)

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Given a sequence of n numbers a₁, a₂, ..., a_n and a number of k- queries. A k-query is a triple (i, j, k) ($1 \le i \le j \le n$). For each k-query (i, j, k), you have to return the number of elements greater than k in the subsequence a_i , a_{i+1} , ..., a_i .

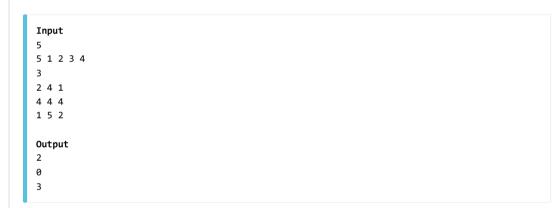
Input

- Line 1: $n (1 \le n \le 30000)$.
- Line 2: n numbers a_1 , a_2 ... a_n (1 $\leq a_i \leq 10^9$).
- Line 3: q (1 \leq q \leq 200000), the number of k- queries.
- In the next q lines, each line contains 3 numbers i, j, k representing a k-query $(1 \le i \le j \le n)$ $j \le n, 1 \le k \le 10^9$).

Output

• For each k-query (i, j, k), print the number of elements greater than k in the subsequence a_i , a_{i+1} ... a_i in a single line.

Example



Submit solution! (/submit/KQUERY/)

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joysaha (/users/joysaha): 2024-08-04 16:24:58 segment tree + upper bound

narutoumania (/users/narutoumania): 2023-12-20 14:14:48 similar problem

https://codeforces.com/contest/813/problem/E

Last edit: 2023-12-20 14:15:10

abhi_8 (/users/abhi_8): 2023-08-04 14:29:40 Merge Sort Tree Classic

thegamercoder (/users/thegamercoder): 2023-07-16 23:46:00 Use MO + BIT, or just MO with sqrt

vigneshwaran_ (/users/vigneshwaran_): 2023-07-09 11:42:00 I am getting TLE for Merge Sort Tree + Upper Bound Solution Can someone help please This is my implementation <snip>

[Simes]: This is not the place for a code review, use the forum

Last edit: 2023-07-09 19:30:24

✓ Submit solution! (/submit/KQUERY/) 8 ① X

Added by: Jimmy (/users/paulmcvn)

2008-10-26 Date: Time limit: 1s

Source 50000B limit: Memory 1536MB

limit: Cluster: Cube (Intel G860) (/clusters/)

All except: ERL JS-RHINO NODEJS PERL6 Languages:

VB.NET Gomoku

Resource: (https://play.google.com/store/apps/details?

id=com.popoko.gomokukr)

