

Skills: Problem Solving (Basic) ⓘ

🕒 Recommended Time: 32 mins 🏆 Points: 50 ✅ 14 test cases (5 samples)

Coding 🔑

Binary Search

Data Structures

EASY

Algorithms

Arrays

Problem Solving

Given an array of integers and a series of ranges, determine the number of array elements in the ranges.
The ranges are inclusive.

Example

$arr = [1, 2, 2, 3, 4]$

$low = [0, 2]$

$high = [2, 4]$

Queries are aligned by index.

0. $low = 0, high = 2$: There are 3 elements in the range: $[1, 2, 2]$
1. $low = 2, high = 4$: There are 4 elements in the range: $[2, 2, 3, 4]$

Return the array of answers, aligned by index with their queries: $[3, 4]$.

Constraints

- $1 \leq n \leq 10^5$
- $1 \leq arr[j] \leq 10^9$
- $1 \leq q \leq 10^5$