Count Between

View Try Insights

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

- $1 \le n \le 10^5$
- $1 \le arr[j] \le 10^9$
- $1 \le q \le 10^5$
- $1 \le low[i] \le high[i] \le 10^9$