

Count Subarrays With Fixed Bounds

You are given an integer array `nums` and two integers `minK` and `maxK`.

A **fixed-bound subarray** of `nums` is a subarray that satisfies the following conditions:

- The **minimum** value in the subarray is equal to `minK`.
- The **maximum** value in the subarray is equal to `maxK`.

Return *the number of fixed-bound subarrays*.

A **subarray** is a **contiguous** part of an array.

Example 1:

Input: `nums = [1,3,5,2,7,5]`, `minK = 1`, `maxK = 5`

Output: 2

Explanation: The fixed-bound subarrays are `[1,3,5]` and `[1,3,5,2]`.

Example 2:

Input: `nums = [1,1,1,1]`, `minK = 1`, `maxK = 1`

Output: 10

Explanation: Every subarray of `nums` is a fixed-bound subarray. There are 10 possible subarrays.

Constraints:

- $2 \leq \text{nums.length} \leq 10^5$
- $1 \leq \text{nums}[i], \text{minK}, \text{maxK} \leq 10^6$