1063. Number of Valid Subarrays

Description

Given an integer array `nums`, return *the number of non-empty **subarrays** with the leftmost element of the subarray not larger than other elements in the subarray*.

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

Example 1:

```
Input: nums = [1,4,2,5,3]
Output: 11
Explanation: There are 11 valid subarrays: [1],[4],[2],[5],[3],[1,4],[2,5],[1,4,2],[2,5,3],[1,4,2,5],[1,4,2,5,3].
```

Example 2:

```
Input: nums = [3,2,1]
Output: 3
Explanation: The 3 valid subarrays are: [3],[2],[1].
```

Example 3:

```
Input: nums = [2,2,2]
Output: 6
Explanation: There are 6 valid subarrays: [2],[2],[2],[2,2],[2,2],[2,2,2].
```

Constraints:

- `1 <= nums.length <= 5 * 10^4`
- `0 <= nums[i] <= 10^5`