915. Partition Array into Disjoint Intervals

Description

Given an integer array `nums` , partition it into two (contiguous) subarrays `left` and `right` so that:

- Every element in `left` is less than or equal to every element in `right` .
- `left` and `right` are non-empty.
- `left` has the smallest possible size.

Return *the length of* `left` *after such a partitioning* .

Test cases are generated such that partitioning exists.

Example 1:

```
Input: nums = [5,0,3,8,6]
Output: 3
Explanation: left = [5,0,3], right = [8,6]
```

Example 2:

```
Input: nums = [1,1,1,0,6,12]
Output: 4
Explanation: left = [1,1,1,0], right = [6,12]
```

Constraints:

- $2 <= nums.length <= 10^5$
- $0 <= nums[i] <= 10^6$
- There is at least one valid answer for the given input.