665. Non-decreasing Array

Description

Given an array nums with n integers, your task is to check if it could become non-decreasing by modifying at most one element.

We define an array is non-decreasing if \[nums[i] <= nums[i + 1] \] holds for every \[i \] (\begin{align*} 0-based) such that (\[0 <= i <= n - 2 \]).

Example 1:

Input: nums = [4,2,3]

Output: true

Explanation: You could modify the first 4 to 1 to get a non-decreasing array.

Example 2:

Input: nums = [4,2,1]

Output: false

Explanation: You cannot get a non-decreasing array by modifying at most one element.

Constraints:

- n == nums.length
- 1 <= n <= 10 ⁴
- $-10^{5} <= nums[i] <= 10^{5}$