

673. Number of Longest Increasing Subsequence

Difficulty : Medium

<https://leetcode.com/problems/number-of-longest-increasing-subsequence>

Given an integer array `nums`, return *the number of longest increasing subsequences*.

Notice that the sequence has to be **strictly** increasing.

Example 1:

Input: `nums = [1,3,5,4,7]`

Output: 2

Explanation: The two longest increasing subsequences are `[1, 3, 4, 7]` and `[1, 3, 5, 7]`.

Example 2:

Input: `nums = [2,2,2,2,2]`

Output: 5

Explanation: The length of the longest increasing subsequence is 1, and there are 5 increasing subsequences of length 1, so output 5.

Constraints:

- `1 <= nums.length <= 2000`
- `-106 <= nums[i] <= 106`