Given an array of integers nums, return *the number of* ***good pairs***.

A pair (i, j) is called *good* if nums[i] == nums[j] and i < j.

**Example 1:**

Input: nums = [1,2,3,1,1,3]  
Output: 4  
Explanation: There are 4 good pairs (0,3), (0,4), (3,4), (2,5) 0-indexed.

**Example 2:**

Input: nums = [1,1,1,1]  
Output: 6  
Explanation: Each pair in the array are good.

**Example 3:**

Input: nums = [1,2,3]  
Output: 0

**Constraints:**

* 1 <= nums.length <= 100
* 1 <= nums[i] <= 100