Given an array of integers nums.

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

Return the number of *good* pairs.

**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