**[Number of Good Pairs](https://leetcode.com/problems/number-of-good-pairs/)**

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

Code :

class Solution {

public:

        int numIdenticalPairs(vector<int>& A) {

        int ans = 0;

        unordered\_map<int, int> cnt;

        for (int x: A) {

        ans += cnt[x]++;

        }

        return ans;

    }

};

Link : <https://leetcode.com/problems/number-of-good-pairs/?envType=daily-question&envId=2023-11-04>