Difficulty:

(Medium)

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5708. Count Nice Pairs in an Array

My Submissions (/contest/biweekly-contest-49/problems/count-nice-pairs-in-an-array/submissions/) Back to Contest (/contest/biweekly-contest-49/) You are given an array nums that consists of non-negative integers. Let us define rev(x) as the reverse of the non-negative User Accepted: 9 integer x . For example, rev(123) = 321, and rev(120) = 21 . A pair of indices (i, j) is nice if it satisfies all of the following conditions: User Tried: 17 • $\emptyset \le i < j < nums.length$ Total Accepted: 9 • nums[i] + rev(nums[j]) == nums[j] + rev(nums[i]) Return the number of nice pairs of indices. Since that number can be too large, return it **modulo** $10^9 + 7$. **Total Submissions:** 20

Example 1:

```
Input: nums = [42,11,1,97]
Output: 2
Explanation: The two pairs are:
  - (0,3) : 42 + rev(97) = 42 + 79 = 121, 97 + rev(42) = 97 + 24 = 121.
  - (1,2) : 11 + rev(1) = 11 + 1 = 12, 1 + rev(11) = 1 + 11 = 12.
```

Example 2:

```
Input: nums = [13,10,35,24,76]
Output: 4
```

Constraints:

- 1 <= nums.length <= 10^5
- 0 <= nums[i] <= 10⁹

```
l class Solution {
2  public int countNicePairs(int[] nums) {
3  }
4  }
5 }
```

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