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454. 4Sum II

Medium 3593 107 Add to List Share

Given four integer arrays `nums1`, `nums2`, `nums3`, and `nums4` all of length `n`, return the number of tuples `(i, j, k, l)` such that:

- `0 <= i, j, k, l < n`
- `nums1[i] + nums2[j] + nums3[k] + nums4[l] == 0`

Example 1:

```
Input: nums1 = [1,2], nums2 = [-2,-1], nums3 = [-1,2], nums4 = [0,2]
Output: 2
Explanation:
The two tuples are:
1. (0, 0, 0, 1) -> nums1[0] + nums2[0] + nums3[0] + nums4[1] = 1 + (-2) + (-1) + 2 = 0
2. (1, 1, 0, 0) -> nums1[1] + nums2[1] + nums3[0] + nums4[0] = 2 + (-1) + (-1) + 0 = 0
```

Example 2:

```
Input: nums1 = [0], nums2 = [0], nums3 = [0], nums4 = [0]
Output: 1
```

Constraints:

- `n == nums1.length`
- `n == nums2.length`
- `n == nums3.length`
- `n == nums4.length`
- `1 <= n <= 200`
- `-2^28 <= nums1[i], nums2[i], nums3[i], nums4[i] <= 2^28`

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```java
class Solution {
    public int fourSumCount(int[] nums1, int[] nums2, int[] nums3, int[] nums4) {

    }
}
```

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