259. 3Sum Smaller

Medium 532 50 Add to List Share

Given an array of *n* integers *nums* and a *target*, find the number of index triplets `i, j, k` with `0 <= i < j < k < n` that satisfy the condition `nums[i] + nums[j] + nums[k] < target`.

Example:

```
Input: nums = [-2,0,1,3], and target = 2
Output: 2
Explanation: Because there are two triplets which sums are less than 2:
             [-2,0,1]
             [-2,0,3]
```

Follow up: Could you solve it in $O(n^2)$ runtime?

Accepted 63,526 | Submissions 135,436

Seen this question in a real interview before? Yes No

Contributor

Companies

Related Topics

Similar Questions

Python

Autocomplete

```python
class Solution(object):
    def threeSumSmaller(self, nums, target):
        """
        :type nums: List[int]
        :type target: int
        :rtype: int
        """

```

Console Contribute