259. 3Sum Smaller

Description

Given an array of `n` integers `nums` and an integer `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 1:

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

Example 2:

```
Input: nums = [], target = 0
Output: 0
```

Example 3:

```
Input: nums = [0], target = 0
Output: 0
```

Constraints:

- `n == nums.length`
- `0 <= n <= 3500`
- `-100 <= nums[i] <= 100`
- `-100 <= target <= 100`