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