# Count Number of Nice Subarrays

Given an array of integers nums and an integer k. A continuous subarray is called **nice** if there are k odd numbers on it.

Return *the number of **nice** sub-arrays*.

**Example 1:**

**Input:** nums = [1,1,2,1,1], k = 3

**Output:** 2

**Explanation:** The only sub-arrays with 3 odd numbers are [1,1,2,1] and [1,2,1,1].

**Example 2:**

**Input:** nums = [2,4,6], k = 1

**Output:** 0

**Explanation:** There are no odd numbers in the array.

**Example 3:**

**Input:** nums = [2,2,2,1,2,2,1,2,2,2], k = 2

**Output:** 16

**Constraints:**

- 1 <= nums.length <= 50000
- 1 <= nums[i] <= 10^5
- 1 <= k <= nums.length