# 1248. 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.

## SOLUTION IN JAVA

class Solution {

public int numberOfSubarrays(int[] nums, int k) {

return numberOfSubarraysAtMost(nums, k) - numberOfSubarraysAtMost(nums, k - 1);

}

private int numberOfSubarraysAtMost(int[] nums, int k) {

int ans = 0;

for (int l = 0, r = 0; r <= nums.length;)

if (k >= 0) {

ans += r - l;

if (r == nums.length)

break;

if (nums[r] % 2 == 1)

--k;

++r;

} else {

if (nums[l] % 2 == 1)

++k;

++l;

}

return ans;

}

}