1248. Count Number of Nice Subarrays Medium ♥ Topics ♠ Companies ♀ Hint

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.

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Example 1:
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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].
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Example 2:

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Input: nums = [2,4,6], k = 1
Output: 0
Explanation: There are no odd numbers in the array.
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> It is 31d type of Striver window

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Approach:-
class Solution {
   public int numberOfSubarrays(int[] nums, int k) {
       return cntNum(nums , k)-cntNum(nums , k-1);
   public static int cntNum(int[] nums , int k){
        int cnt=0 ,l=0 , r=0 ,odd=0, n=nums.length;
        while(r<n){</pre>
            if(nums[r]%2!=0){
                odd++;
            while(odd>k){
              • if(nums[1]%2!=0) odd--;
                                                        Example 012
                1++;
            if(odd<=k){</pre>
              cnt += (r - 1 + 1);
            r++;
        return cnt;
```

Solved 🛇

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Approach:
:number of subarray having the sum is less than k

Example $1,1,2,1,1$ 1 = 3

Lifemore odd Number to 1

(and)

femore even Number to 0

$1,1,0,1,1$ k=3

Now-3 Number of subarray having Sum is less

than (k <= 3)

Note:
To ever price $1,3512 change (01) New May and arms $1.
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