

① No of subarray having product less than k (k)
 LeetCode 713

Brute \rightarrow Generate all subarrays and check $\rightarrow O(N)^3$

Sliding window $O(N) \rightarrow O(1)$

① Take two ptrs i and j , ans variable and $product = 1$

② ~~while~~ i will be start variable and j is end

③ while $j < n$ {
 $prod *= arr[j];$

while $(prod \geq k \ \&\& \ i < n)$ {
 $prod = prod / a[i]$
 $i++$;
 $}$

if $(prod < k)$ {
 $ans += j - i + 1$
 $}$
 $j++$;
 $}$