

992. Subarrays with K Different Integers







Given an integer array nums and an integer k, return the number of good subarrays of nums

A **good array** is an array where the number of different integers in that array is exactly k.

• For example, (1)(2)(3), 1, 2] has 3 different integers: 1, 2, and 3.

A **subarray** is a **contiguous** part of an array.

Nome =
$$\begin{bmatrix} 1 & 2 & 1 & 2 & 3 & 4 \\ 1 & 2 & 1 & 2 & 3 & 4 \\ 2 & 1 & 2 & 3 & 4 \\ 3 & 1 & 2 & 3 & 4 \\ 0 & 1 &$$

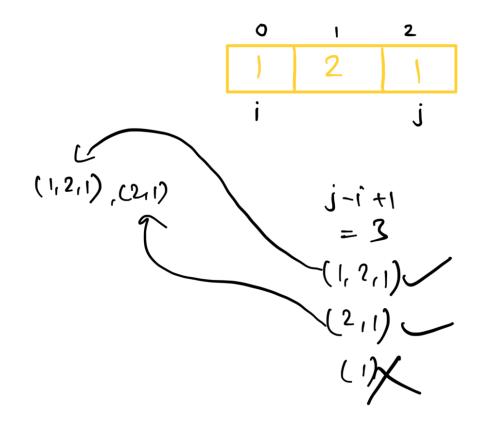
$$\{1,2\}$$
, $\{2,1\}$, $\{1,2\}$, $\{2,3\}$
 $\{1,2,1\}$, $\{2,1,2\}$, $\{1,2,1,2\}$

map 1 2

ending at
$$j = (j-i+1)$$
;
= 2-0+1
= 3

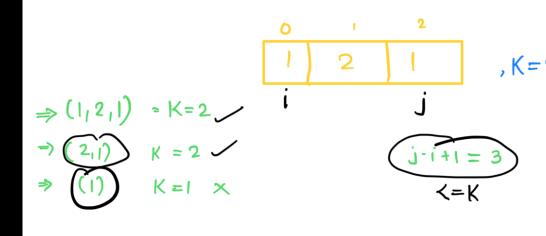
#दिनकत क्या है??

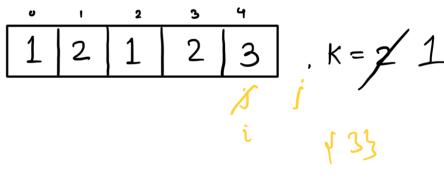
(what's the Problem ??)



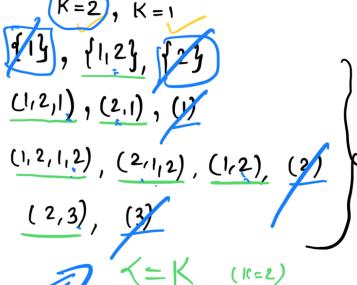
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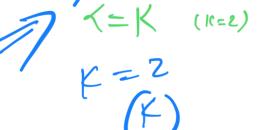


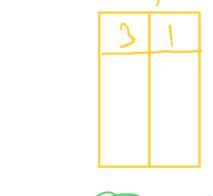




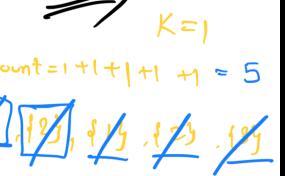
Count = 1+2+3+4+2 = 12 = 12







map





K = 3K = 2 (K-1) K=2 |C = 1 <=K Subpract secting Sw(K) - Sw(K-1); 0(n) 0(1)

T.C= (n)

S.c= 0(1).