-	Date Page
	Day-196_ Sliding Window-4
*	Length of longest subarray with atmost to
-	1231233412
3	Ex: 123123 - size = 6
	12334.12 -> Size = 7
ョ	Basic approach will be same.
7	Now, we will use the concept of sliding
크	Start from taking as first element in the window & Etrecht the frequency
=	If the frequency is less than k then increase the Sinday size although
	decrease the window size from starting
	unordered_map < int, int > more count; int start=0, end=0, len=0; while (end < h) {

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W.		X)
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		5
	ten max	
	while (count Cnums (end)]>k){	
	count [nums[stant ++]];	7
	len = max(len, end-start +1);	
	end++;	Ê
	noturn len;	
*	Count subarray where max element appear	
	at least k times	
· .	1 2 3 2 3 1 2 3 3 2 k=2	B
=	Ex: 12823	4
7	max element -> 3 -> 2 times.	4 100
3	we have to count all these types of subannays.	
7	we will SWP approach.	
=	so, first we get a window that satisfy the conditions, Now, if we add other elements in the window the result will be	
	e de la companya del companya de la companya del companya de la co	
=	so, we can directly add all those subarrays	
#	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	
	from starting from the window, then again check for conditions.	
<b>Chara</b>		

And we will repeat this process, If the window is not valid then we increase the window. So, first we increase the window size until count == k. 7 Then decrease the window size. Code int start = 0, end=0, max Ele, count=0, total = (); while ( end <n) } if ( hums[end] == max Ele) while (count == K) ? total += h-end; if ( nums [start] == max Ele) (ount -; start ++; noturn total;

	Date
*	Subarray with k different Integer:
= = = = = = = = = = = = = = = = = = =	We have to return good sub arrays.  (nood subarrays are those arrays that  k different integer.
	Ex: $2   1   2 $ $  1   2   3 $ $  1 \rightarrow 1 $
),	Here, we directly don't can't use the sup approach. Using this, can result in missing of some answers.
#	so, we can redefine our problem statement as Total no, of subarray, atleast k diff.
7	int. Atleast (2); Sub (2) + Sub(3) + Sub(4) + Sub(5)  Atleast (3); Sub(3) + Sub(4) + Sub(5)  = Sub(2)
3	So, by using this approach, we can find out exactly & (k).
4	For finding atleast nive will use the provious quest ion approach.
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