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- 	Sliding Window
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*	Zeno Sum subarray:
	Harris Committee
	6 -1 -3 4 -2 2 4 6 -12 -2
=	We have to noturn total no. of Subarrays
····	that have sum O.
	-1 -3 4 => 0
=	So, in brute force approach, we can easily
	to solve this problem by selecting
	every element one by one
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	Codo
~ <del>.</del>	fon ( i= 0; i < h; i++) { } ''  fon(j=i; j < h; j++) { } h
~	Int sum = 0;
~ <u>.</u>	for(k=i; k<=j; k++) >h
	Sum += an(k);  if (sum == 0) to tal ++;
\ <u></u>	3 Sum==0 / 10tal ++1
\	3
)	$O(n^3) \rightarrow T, C,$
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=)	we can reduce the I.C. to O(n2) by
	adding discolly to the sum, when we
	adding directly to the sum, when we arrive to any element.
	ENTER WIDE TIEF FOR THE TOTAL
unit s n	for (i=0; ixn; i++){
	beint sum = Ob
	fon(j=i; j <n; j++){<="" th=""></n;>
- 4	sum += amcij;
	if (sum == 0) total ++;
	total ++i
	a Jagaris son it a seniant
A	School construction in the said that a little of
*	id-litting authorities
=)	Now, our task is to solve this problem in
	O(h).
=	To do this, we will use profix sum.
	6-1-34-2246-12-2
	652646101642
	and a solit ein then we
=	we get any any profix some that profix
	we get any any profix sum then we will check if we got any that profix sum. If yes, then add that ho, of times profix sum to the total.
	sum. If yes to the total.
O A	Ex: we get 6 & we also 6 in the
	array. So, increase total by one.
-1	
7	we will add 1. in the total.
	we will and
	AND

<b>SE</b>	AND THE RESIDENCE OF THE PARTY
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=	So, we will use map for storing the
=)	that sum & their cound.  Also, init the map with (0,1) so  that we don't get any error.
=	Also, we will use un ordered map.
*	Subarray sum equals k:
nooliv	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$
=	we can use the previous approach to solve this problem.
=)	So, we ask on every profix —  humber - 6 = result
1)	If this result is in the prefix sum before that no, add that times to the total.
~ 5 . 5	Ex: 2 (profix Sum) - 6(k) = -4
4 7	Now, we check if we got -4 before 2 in the profix Sum or not.
=)	of -4 in the total.
1	bicd with a boo the