Largest Subarray With Zero Sum

o(n) oden = 2 5 8 15 - 2 2 - 8 1 7 10 23 15 10 0 2 7 4 6 0 -> (-1) 15-20 8 PS 15 13 15 7 15 ى 2 ps vs

PS VS 7-)3

3->1

3->1

3->1

3->1

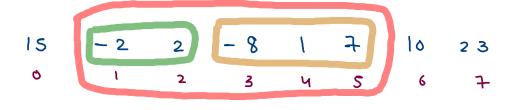
4->3

8->4

25->6

48->4

Count Of All Subarrays With Zero Sum



Jrequency

0 -> 3

10 -> 3

19-12

8->3

4->2

-1 -, 2



(i) replace all 0's by (-1)

(ii) now apply subarray having

Sum o logic.

PS

-1 -) 0

-3 - 4

Count Of Subarrays With Equal Number Of Zeroes And Ones



(i) replace 0 with -1

ps us frig

0 -) 2

-1-,3

~Z -, 4

-3-,2

$$count = 1 + 2 + 2 + 2 + 2 + 1 + 3$$

$$= 1$$

PS

3

P5-14

6 342718 9 3 4 2 7 1 8

7 9 16 12 25

Jen = 3

0-)(-() 3-)0 7-)1

9-,2
16-,3

ps us jo

25-15

	3	y 1	2	7	۱ 4	8 5	-9 6	9
ρς	3	7	٩	16	17	25	16	25

Count: 1+1+1+1+2

17-,1

Count

ps vs

0-)1

3-)1

구ッ1

9-12

16-12