Kadome's Algoritmy.

fird

max. sum subarray with k-can cat inalted array-

Max. 8 um Subarray??

constraints

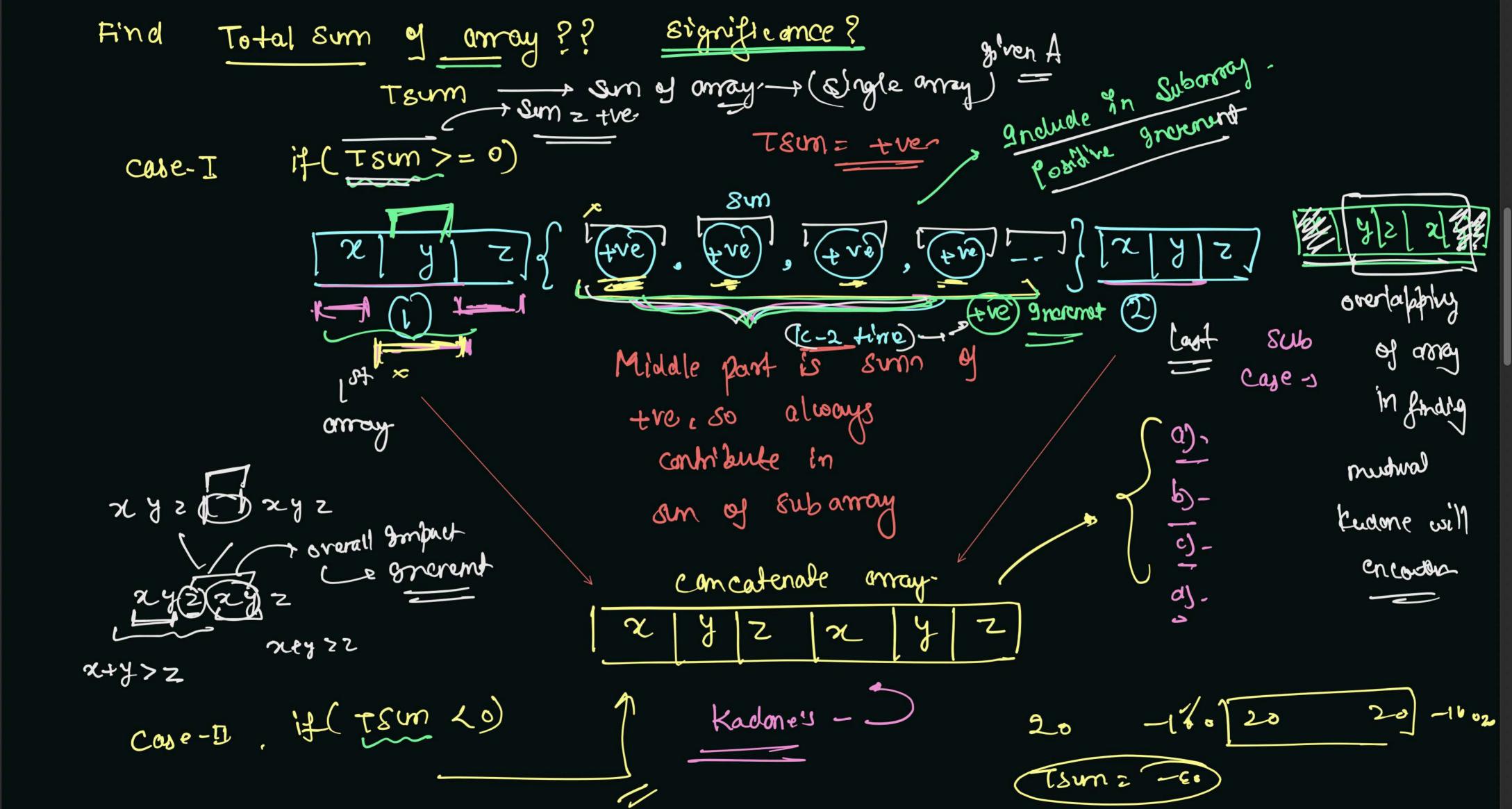
k - cancatenated - amay- 1x

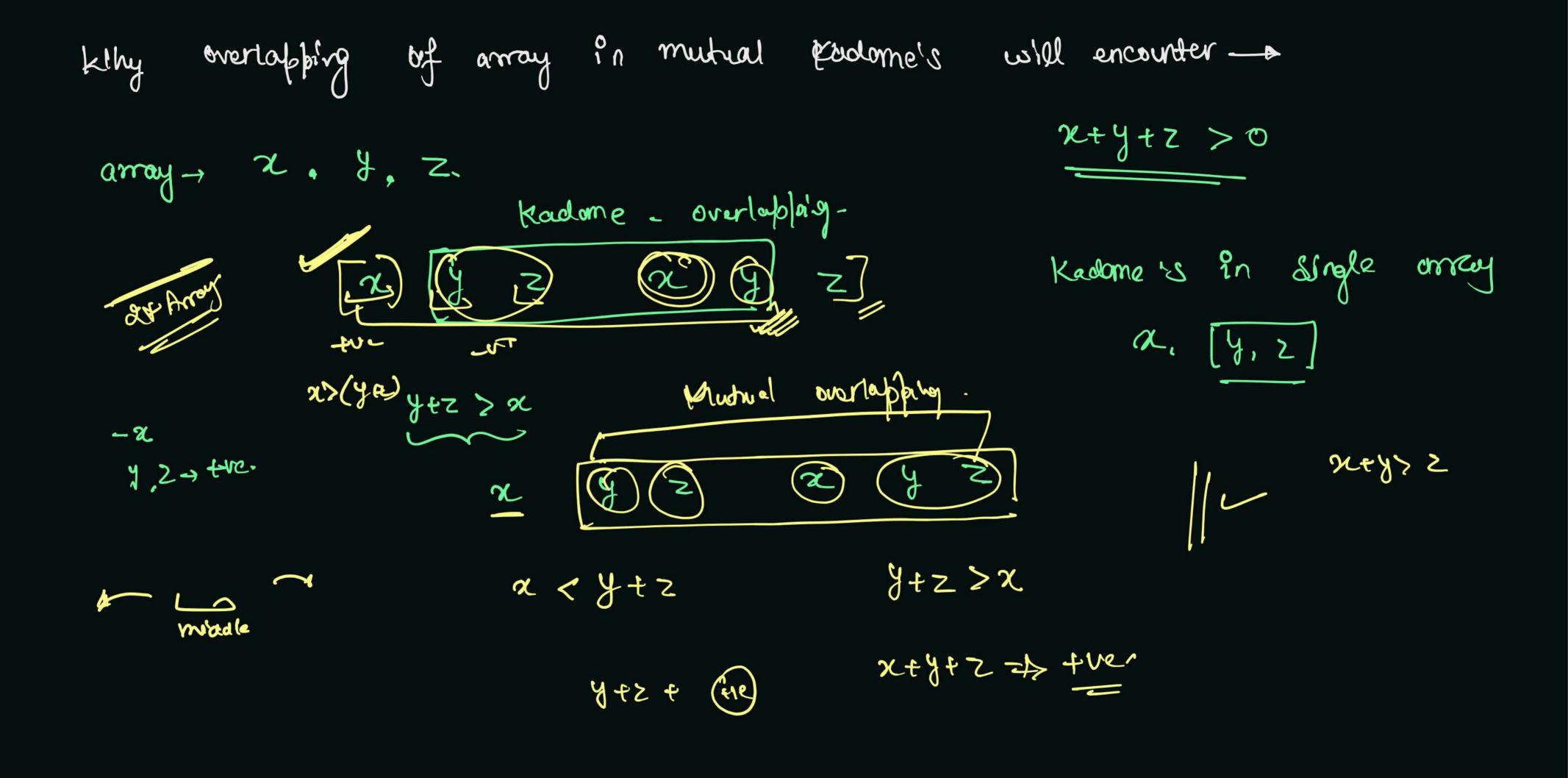
A size of array = 10] length

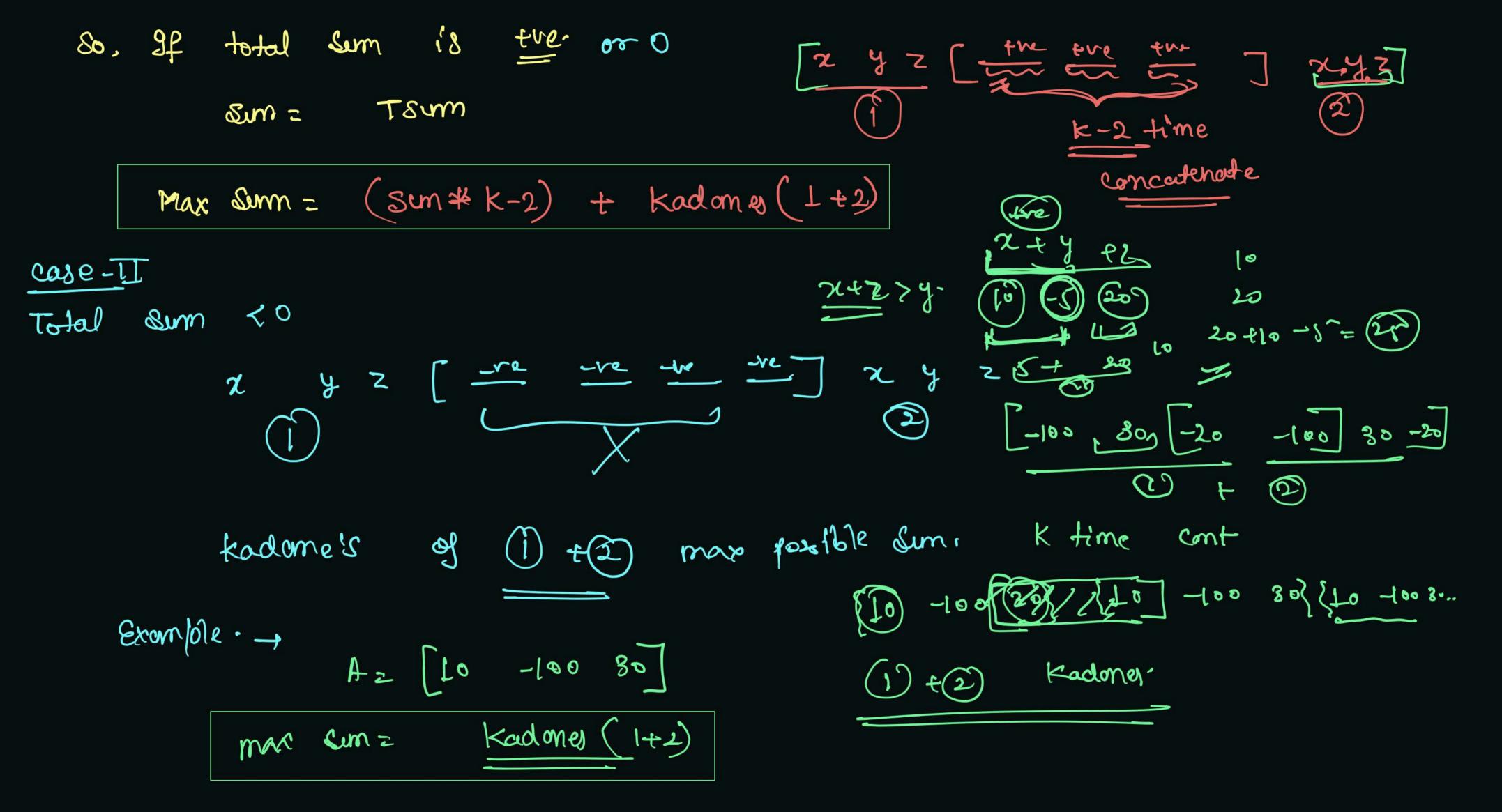
=) we can't make an array with comeatenation.

Time limit = 1 sec-=> in Lec; we com do 109 operation.

cyclic loop of 10- can cade nated array will



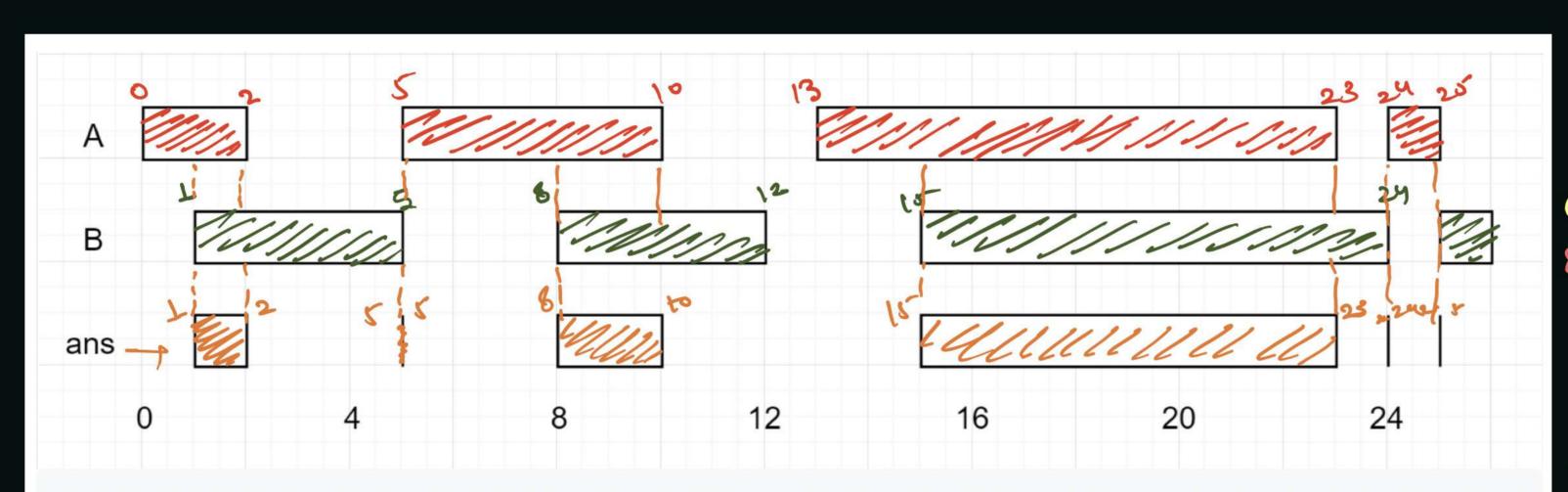




Maximum Sum of Sm	allest and Second	Smallest in all possible	subarray					
Saturday, 18 September 2021 10:31	AM CONTRACTOR OF THE CONTRACTO	~~~	Y	morarimum of	min	4 seemd m	un	
em → 4 8	1 5 6				Ce o	edy lacront	too	clinuts
au possible	Subarrays	with atleogt	too valus -				NOW.	
\(4 \) 3 → 9+	3=7 31-	+ 3+1=4 I 5 -11-	tr=8 (-1 5	ts=(11) r	nov			
43 1 4 4 4 4 3 1 5 4 4 3 1 5	+ 3+1=4 3 1 5	3+1=4	Repultz (1)					
	Q -4 3+1 =4				Observa	Lonal Logi	<u>'</u> C	
we less		logic -	, find r	nax Sim				lent.
Sub array		4	3 1 5	6	7			
	43	4 ES	55	<u>-</u>) (t	(1) &	gult		

Possible outed with two list

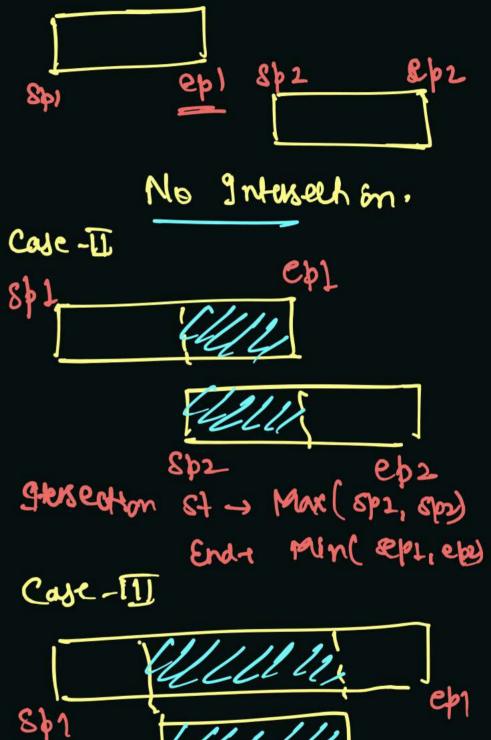
Court epl < 8/2 - 1 No 1/2



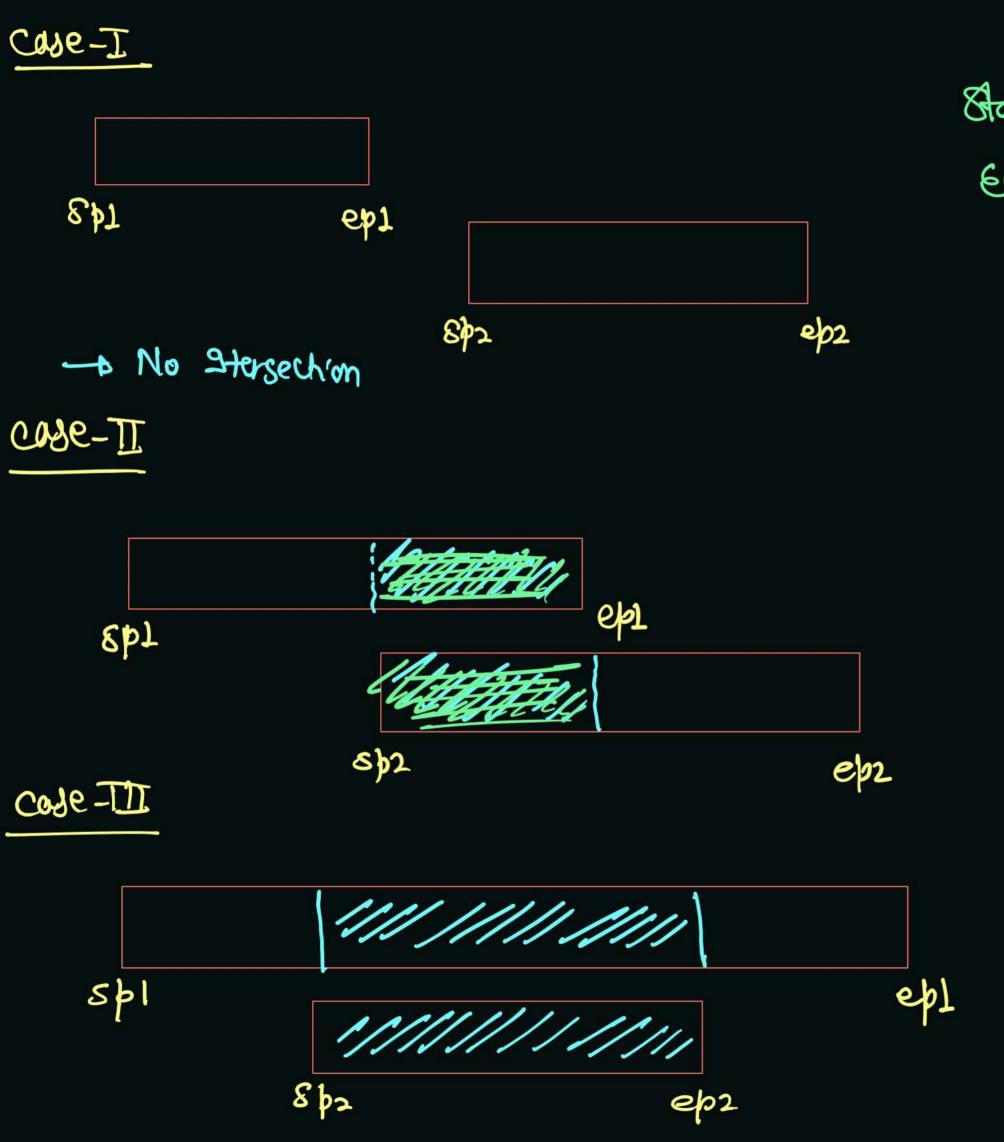
Input: firstList = [[0,2],[5,10],[13,23],[24,25]], secondList = [[1,5],

[8,12],[15,24],[25,26]]

Output: [[1,2],[5,5],[8,10],[15,23],[24,24],[25,25]]



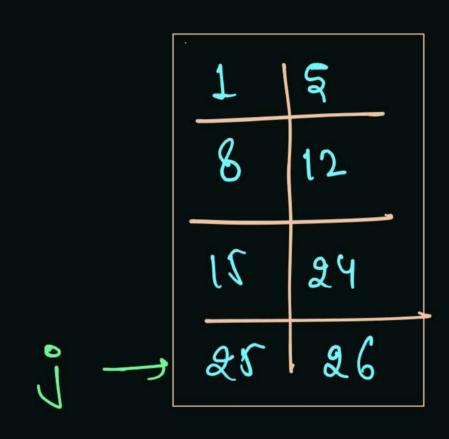
EP1



Here ep1 < 8p2 Stooping = max (sp1, sp2) = Sp2 So it is not toxible Ending = min(ept, epz) = eps to end before infaste) 8fort i.e. 3 No graesection Mar (8/2) 2 Ending: min (Ept., Ep2) = (Sp2 - Cp1) max (8/02,8/02) = 0/02 Endin = min (ept, eps) = epz 9nternal = (8/2, e/2)

First List = [[0,2],[5,10],[13,23],[24,25]], second List = [[1,5],[8,12],[15,24],[25,26]]

	0	20
	L8	lo
	[3	28
° —	24	25



$$\frac{24-29}{24-25}$$

$$\frac{25-26}{25-26}$$
Rank
$$(25-25)$$

([3-2] [5-5] [8-10] [15-23]
How to 9 ncreve pointer-

15-24

the boots of ending point

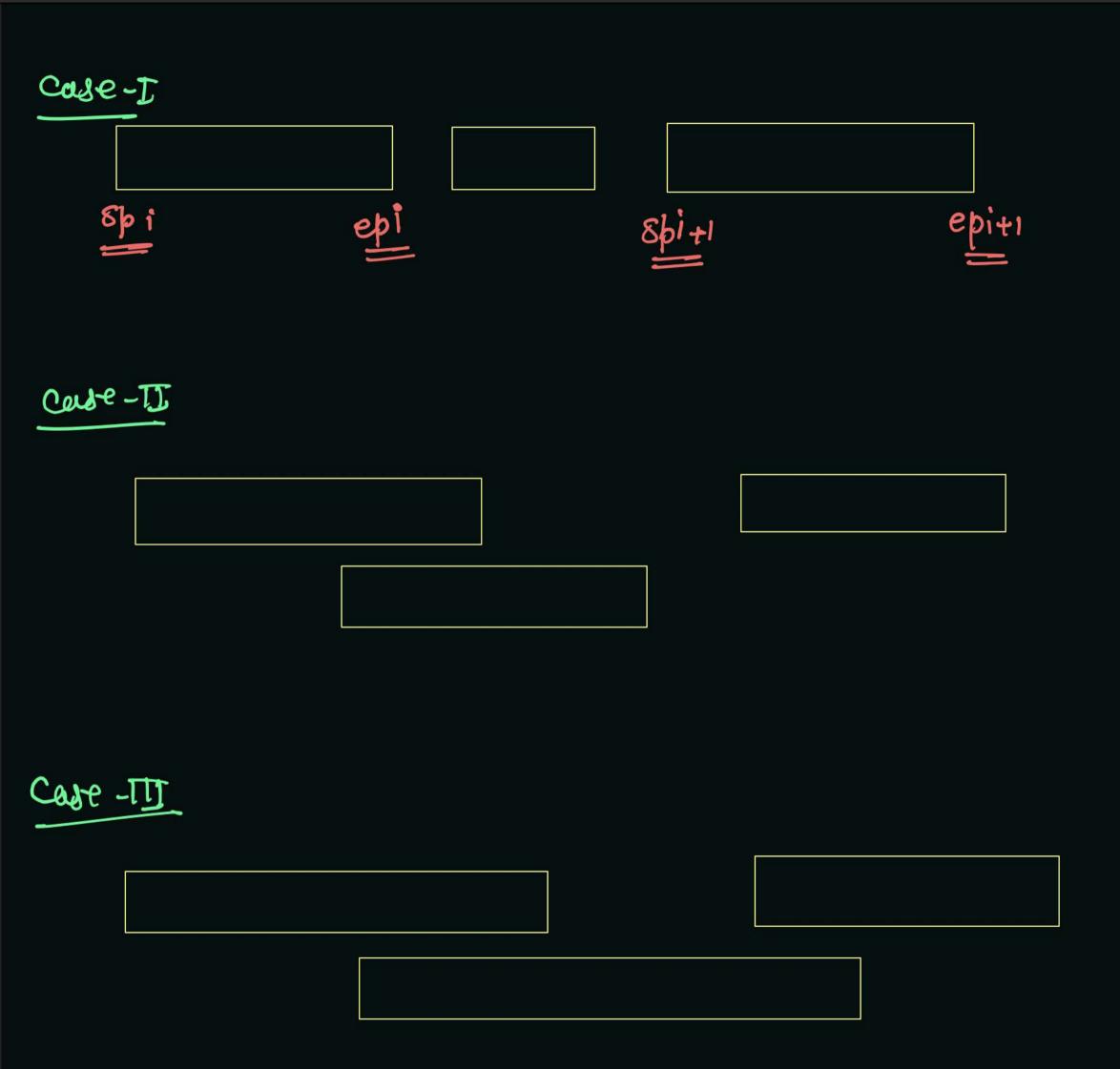
-e on the

Saturday, 18 September 2021

10:31 AM

Marge granza) — time shturas B(nlope) no. oy gntervals 9 ntervals -> 7/1/12 5 13 9 lo 16 20 25 new 9nB eAbn

Allowed -



16p= 2187 11 1ep= 3620 26 2125

[1-8] [4-6] [7-10] [11-20]