VV I	.mport	ltens										
Announcement: Sol	ved	۷ 2	ques 1	ions								
\rightarrow (→ Give a reattempt Saturday + Sunday						Sylabus for nent Constert Mondey					
(Pi) Maximum po	osi tiv	rity				Mic	rosoft					
<u></u>				A 1								
Given an a					•		1	1				
Return length		71	ra zumi	ım	Size	Su	barray.	nav	ing.	only	non	-
negative num	bers											
		ans		<u> </u>	ı	ı	<u> </u>	<u> </u>	l l	T.		
A= \(\frac{2}{3} \)	5	-[2	3	6	9	-3	-2	-7	1	2 3	45
A= \(\frac{2}{3} \) C=0 C=1	C= 2	an = 2	C=1	C=2	c=3	c=9	aw=4	-2 X	d	C=1		CES
		C=O					C=D					
							•	•				
		ams	= - &	•••••	•••••	•••••	• • • • • • • • • • • • • • • • • • • •	• • • • • • • • • • • • • • • • • • • •				
$ans = -\infty$ $C = 0$ $for (i=0) i \leq N; i+1$						TC: 0(N)						
								16:1)(N):			

ans =
$$-\infty$$

$$C = 0$$

$$fol (i=0; i < N; i+1)$$

$$SC: O(i)$$

$$i (A[i] > = 0)$$

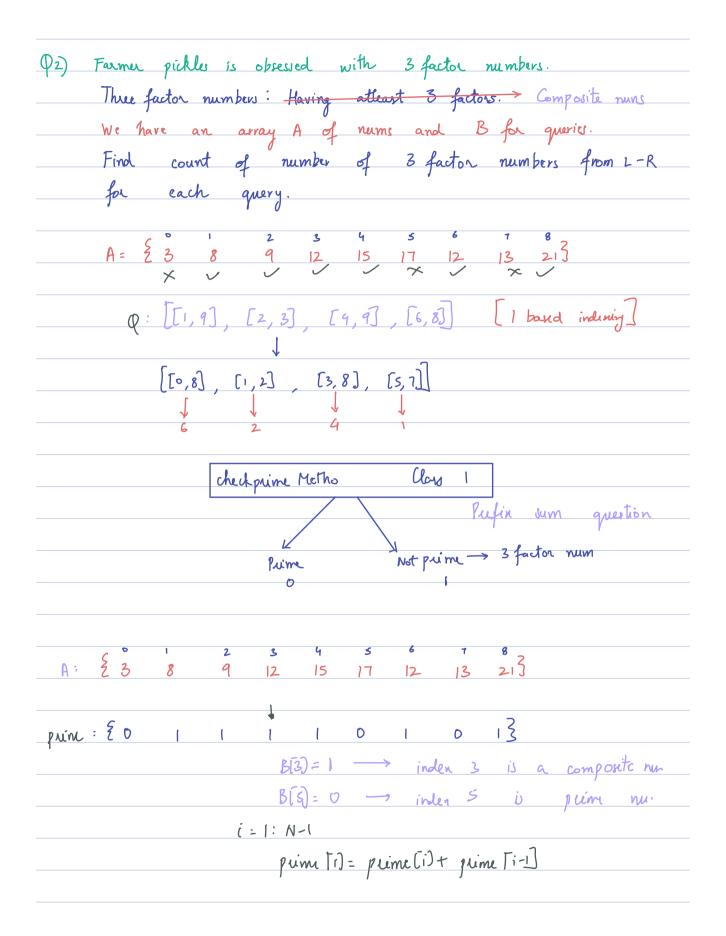
$$C+t$$

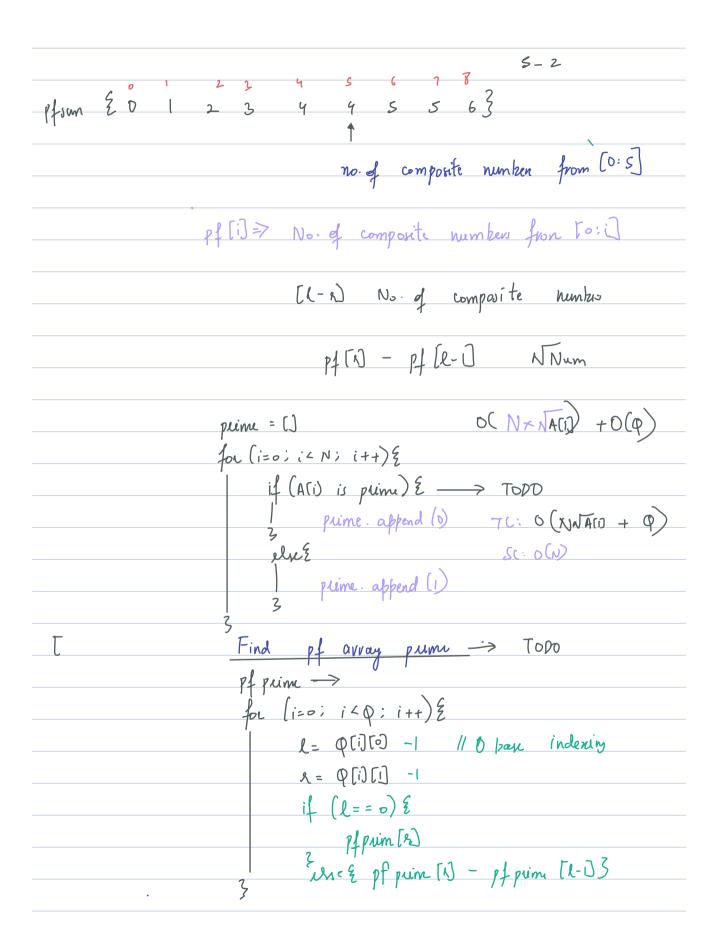
$$ans = max(ans, c)$$

$$C = 0$$

$$3$$

$$then max(ans, c)$$







	j	iteration
1	[1 3]	3 +1
2	[132]	9 + 1
3	[133]	33 .
	·	*

N [13^N] 3^N

GP

$$x=3 \qquad \alpha=3 \qquad n=N$$

$$3\left(\frac{3^{N}-1}{3-1}\right) \implies 3\left(\frac{3^{N}-1}{2}\right)$$

(O(3^N)