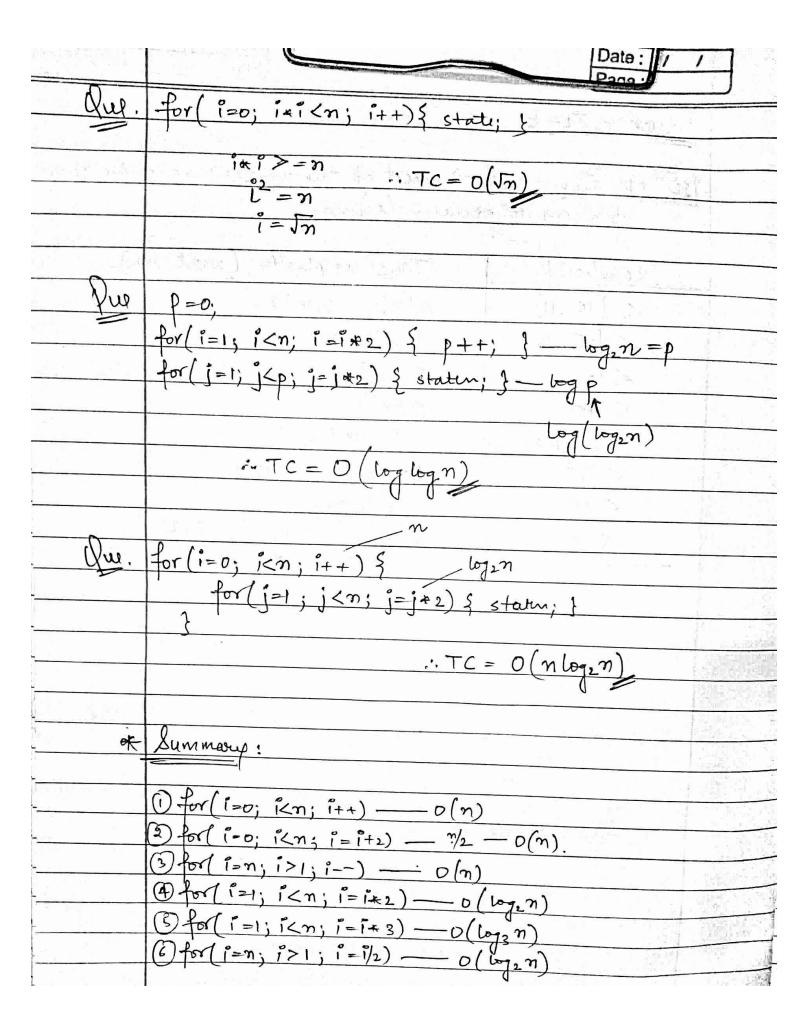


	(Caya.)		
Que.	$TC = O(N^2)$		
	for (i=0; iN; i++)}		
	for( j=N; j>L; j+-) } a = a+i+j;}		
	$ \begin{cases} for(j=N; j>i; j+-) & a=a+i+j; \\ \lambda \rightarrow b \end{cases} $		
Que	for (i=1; i\n; i=1+2) { statement; }		
	$\Rightarrow n/2 = O(n)$		
Sen Ye Yek Salan a ya g	P=0:		
Nue.	for(i=1; [p(=n); i++) { p=p+i; }		
	i p Assume p>n		
	0		
	$\frac{3}{3}$ $\frac{1+2=3}{3+3=6}$ $\frac{k(k+1)>n}{2}$		
	$4 + 6+4=10$ $k^2 > n$		
	$K \rightarrow \sqrt{50}$		
	$k$ $1+2+3++k$ $i$ $i$ $O(\sqrt{n})$		
	· · · · · · · · · · · · · · · · · · ·		
Que	for (1=1; 1 <n; i="1*2)" print;="" th="" {="" }<=""></n;>		
3	(121, 120), L=(+2) $(+2)$ $(+2)$		
	$\frac{1}{1}$ accume $i > = n$		
	$1 \times 2 = 2$ $2 \times 2 = 2^{n}$ $1 \times 2 = 2$		
	$2^{2} \times 2 = 2^{3}$ $2^{1} \times 2 = 2^{3}$ $2^{1} \times 2 = 2^{3}$		
	1 1/4/1/1/1/1/1		
	$K = \log_2(n)$ :. $Tc = \frac{1}{2}$		
	O (log_n)		
Que.	for (i=m; i>=1; i=1/2) \ state; }		
	$\frac{1}{n} = \frac{assume (1 + 1 + n + 1)}{2^k}$ $\frac{1}{2^k} = \frac{1}{2^k} = \frac{1}{2^k}$		
	$\frac{n}{m _{2}} \qquad \frac{2^{k}}{m = 2^{k}} \qquad \frac{1}{n} = 0 \left( \log_{2} n \right)$		
	$\frac{n/2}{1}$ $K = \log_2 n$		
	√2 ×		
<b>5</b> 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	72-		



	Page	Page:	
	Stuck in TLE?		17 m ()
	108 operation rule	] -> most of the modern mae	hine can
	Berform 108	operation/second.	
172			
u ng	Constraints (n)	Time complexity (worst cas	<u>e</u> )
1	< [1011]	$o(n!)$ , $o(n^6)$	
	< [15., 18]	0(2n x n2)	
	< 100	o(n4)	2
	< 400	$O(n^3)$	
0 =	< 2000	$O(n^2 * log n)$	
	< 104	GAMPAVODAMAN O(N)	
ur ur N	< 106	O(nlogn)	
	< 108	0(nlogn) 0(n), 0(logn), 0(1)	
			70/
	- and the second		
	The second second		