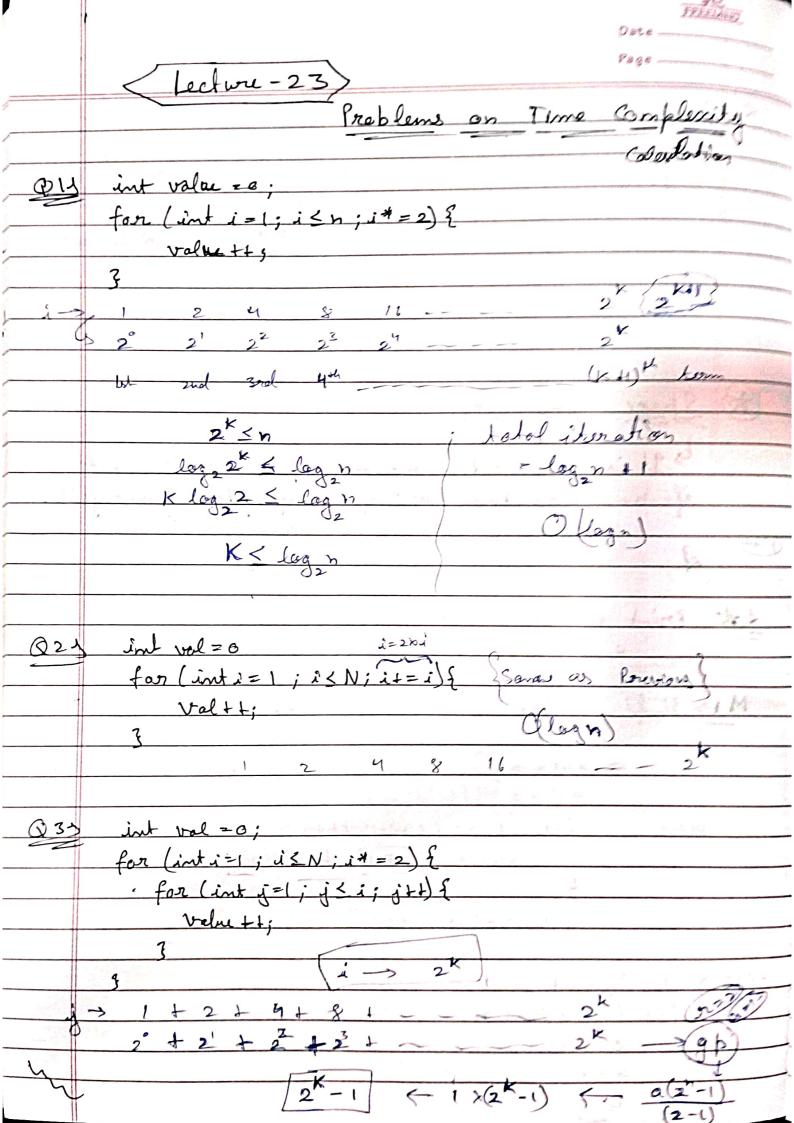


A Time Complexity for a traversing an array of length N. int main () {: 1 | 1,2,3,4,5,6,7,8,93; for (int i=0; i<n; i+t){

Cout<< ovr [i] << "\n"; return o: Time complexity when traversing 2 individual arrays of length M and N respectively. int arriE7 = {1,2,3,4,5,6,7,8,9}; ind arr 2[7 = {1,2,11,4,6,7,9,12,8} int m = 8; int Sm 1 = 0; int Sum 2 = 0; for (int i=0; 12n; i+t) { 3n for (int i=0; i < m; i+1) {} 3m Sum 2 + = avertizing Cout << Sum / <<" "<< Sum 2; return 0; Limit and

Fine Complexity for noted loops for (i=0; j=n; 1+1); for (j=0; j=n; 1+1); for (j=0; j=n; 1+1); Space Complexity: by It is the entra memory space requirement of an algorithm, using asymptotic analysis. Print nth number of fileonacci series: O(1,1,2,3,5,8,13,21 MIN Simple method (How sign of array will be ason on the impution of a fileonacci series: O(1,1,2,3,5,8,13,21 MIN Simple method (h) no of elements For (i=2; i < n; i+1); contina miss and; Contina miss and; Contina miss and; Contina miss and;		Page
for (i=0; jen; 210); for (j=0; jen; 11); Space Complexity: 15 9t is the extra memory space requirement of an algorithm, using asymptotic analysis. By Print 1th, number of filmacci sories: MIN Simple method Here size of array will line acce to the imput line acce to the	(42)	Time Complexity for molo 0 10
for (i=0; jen; 210); for (j=0; jen; 11); Space Complexity: 15 9t is the extra memory space requirement of an algorithm, using asymptotic analysis. By Print 1th, number of filmacci sories: MIN Simple method Here size of array will line acce to the imput line acce to the	(5)	Total loops
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Space Complexity: 5 9t is the extra memory space requirement of an algorithm, using asymptotic analysis. 3 irint nth number of fileonacci evies: 0,1,1,2,3,5,8,13,21 MID Simple method The acceptate the imput inc acceptate the imput inc acceptate the imput 20 apr = a [2-1] + a [2-2] For (1-2;15 n;1+1) { all = a [2-1] + a [2-2] For (1-2;15 n;1+1) { cut lia mick and l; for (1-2;15 n;1+1) { cut lia mick and l; cut lia mick and l; could a mick and l; could a mick and l;		(n² lantructions)
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MIN Simple method The sign of array will since acc. to the implut (h) no. of clements afil = a [P-1] + a[i-2] coulda mice and; M2> a-6, b-1, (-1) for (i=2; i < m; i+1) { c=a+b	1120	2
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June acc. to the imput $2\pi (n) = 2$ (n) no. of elements $2\pi (n) = 2$ (n) no. of elements $2\pi (n) = 2$ (n)	MU	Simple method (Here Stay of array will
$\frac{2\pi a_{[0]} = 0}{2\pi i_{[1]} = 0}$ $for (i=2; j \le n; j+4) $ $a_{[1]} = a_{[1]} + a_{[1]} + a_{[1]} $ $cout 2a_{[1]} = a_{[1]} + a_{[1]} $ $cout 2a_{[1]} = a_{[1]} $ $for (i=2; i \le n; i+4) $ $c=a+b$		Julye acc, to the inshut
$for (i=2; j \le n; j+4) $ $a[i] = a[ip-1] + a[i-2]$ $cout \angle a[n] \le endl;$ $m \ge a = 8, b = 1; (=1)$ $for (i=2; i \le n; i+4) $ $c = a + b$		(h) no. of flowersh
$for (i=2; j \leq n; j+4) $ $a[i] = a[iP-1] + a[i-2]$ $cont \leq mdl;$ $m_{2} = a \cdot b \cdot b \cdot 1; (-1)$ $for (i=2; j \leq n; j+4) $ $c = a+b$		9517 = 0
$a_{i} = a_{i} p_{-1} + a_{i} - 2$ $cout \text{ (a m) i < and l;}$ $m_{2} = a_{i} p_{-1} + a_{i} - 2$ $a_{i} = a_{i} p_{-1} $		
Cout (2a m) (\leq endl; M2> $\alpha = \beta$, $b = 1$, $(=1)$ $for(i=2)$, $i \leq n$; $i+1$) $\{$ c = a+b		
$\frac{M_{2}}{m_{2}} = \frac{8}{b} = 1$ $= \frac{1}{5} = $		
M_{2} = 8, b=1,(=1) fon (i=2; i < h; i + 1) { c= a + b		
$fon (i=2; i \leq h; i+1)$ $c=a+b$		Contact his co and !
$fon (i=2; i \leq h; i+1)$ $c=a+b$	M.	
c=a+b	2	
		for (i=2; i < h; i + t)?
	1	
a=b		a=b
b=c 3 rutums:		3 - 1100 C



	FREEMIND
	Date
	Page
	2K < N (Making log both side)
	2 N (Making lag both side)
(1)	K & log N
	√ 2-
	total identations - > 2k -> 2 log = N -> C(N)
1	total identitions of 2k -> 2 (g2 N -> C(N)
(1)	Ans
043	in val = 0
	$\frac{107[mi]=1;1\leq N;1+=2}{2}$
	for (ind j= N; j>8i; j) { i=> [N, 3]
	Val++ i= 4 [N, 5]
	3 i 8 [N, 907
. 0	K-I [N, 2KJi]
Total	iteration -> (N-1) + (N-2) + (N-4)
	$+ (N-8) + (N-2^{k-1})$
	Ktimes
	= (N + N+N+N+-+N) = (2°+2'+2²+2²+ 2°)
	NK + 2Kg -1
	1 N + 2 -1
	SALL LOGIN
2	N log, N + 2 mg
K.	12 log N => N log N + N-1
	02
-	K & log N => C(Nlag N) Ans
	K & log N) D (Nlag N) Ans
	4
Q 5-1	int Val =0:

for (int i=N; i>0; i/=2) {
for (int j=0; j<i; j++) }

val++; N-sturctions N iterations

1= N

1= N = 1 j: [0,0] N iteralism

