```
Page No.
 INTO X; 6 (1) (1) 10(1) 1000 mail
 IN7 SUM: 0; 11 0(1)
SUM = xxx; 110(1)
 No. of iterations = 3 :. O(1) + O(1) + O(1)
              110(1)
             11.0(1)
             1 0(1)
             i< m; ++i) {
Total time complexity: 0(5) + 0(3m) = 0(7)
 C3N >> 7EMP2;
FOR (3N7 1:0; i<m; ++1
CIN >> 7EMP3;
```

	Date Date
	Total time complexity: D(n) + O(n) = O(n)
	FOR (3N? 1=0; i < m; ++i) { 0 }
71.	FOR (3N3 i=0; i< m; ++i) {
	(3N>> A[i] (1 O(m2)
	3 301100 00
	Total time complexity: O(n2)
<del>-)</del>	347 ni
	(3N >> n; // let n = 105
	MASTE ( W > 0) & statement to the top of
are transfer	m = m/2;
	(3) (4) + (4
- ( <u>M</u>	Total time confilerity : ! lg : n= 3 100 !
19 1	11 ( ( ) ( ) ( ) ( ) ( ) ( ) ( ) ( ) ( )
	(m + (m + 1) - (m + 0) 10 - 5 - 2 = 1 - 0 1 ( m + (m + 0)) = (m + 0) = (m +
	3 7 - 20
	mi 1-12-0=10=15= 2=1=101 to
*	4 3 touching Committee of the stand
9/2	
by	100 - 50 - 25 - 12 - X - 3 - 1 - 0
	100-50-25-12-6-3-1-0
	of contracts of o second of the contract of th
	Let 0 :8 4ths = -h 1.
h A	Let a is the ma of times we can divide
ASSERTED TO	in to make it zero (0)
auter W	(it) a fait and adding
	Suinted 2 a super principle of the super prin
	log_(2a) = log_(n)

		Page No.
		Date
- (	10 0 log 2 (= log 2 (m))	1 to the contract of the contr
	$: (a = \log_2(m)) \xrightarrow{\text{time}} \mathbb{R}$	complexity us home.
( 1	-10 11 - 1 - 110 can	houe.
	$e_{-2} i \sqrt{m} = 10^5$	\$ .
and the state of t	$i = \log_{2}(10)^{5}$	
	= 05 × log (10)	contract lots
	$= 5 \times 3^{02}$	
	prestareti ZI =	200 500
	105	