Sana Desai - JH ASSIGNMENT ! littlesh of given no is EVEN or ODO 2. int num; 3. if num % 2 == 0 num is even number num is odd number 2. Write a java program to find the factorial of a given mounter e int num; result = 1; for (i=1; i <= num; i++) result = result # i; factorial of num = result 3. Find the factorial of a number using lecursion 2. int num!; all 3 . f (int num) = { : | (num = = 1) return thum * f(num-1) 4. END



4.	Swap Two numbers without wing 3rd variable approach
	1. Start
	e. int m, y
	3. n = n + y - (y = n)
	3. $n = n + y - (y = n)$ 4. print (n, y)
	s. Eno
	the state of the s
5	How to check whether the given number is positive or negtice in java?
	1. Start
	2. int num;
	B. if num < 0
	s. if num <0 num is negative
	che
	num is portive
	4. 2101
6.	Write a java marram to what a sile of
	Write a java program to whether a given number is
	1. START
	2. int year,
	3: if year 904=00 and year % 100 1=0 br year %400==0) Year 15 a leap year
	Jear 13 a cap year
	year is not a leap year
	4. END

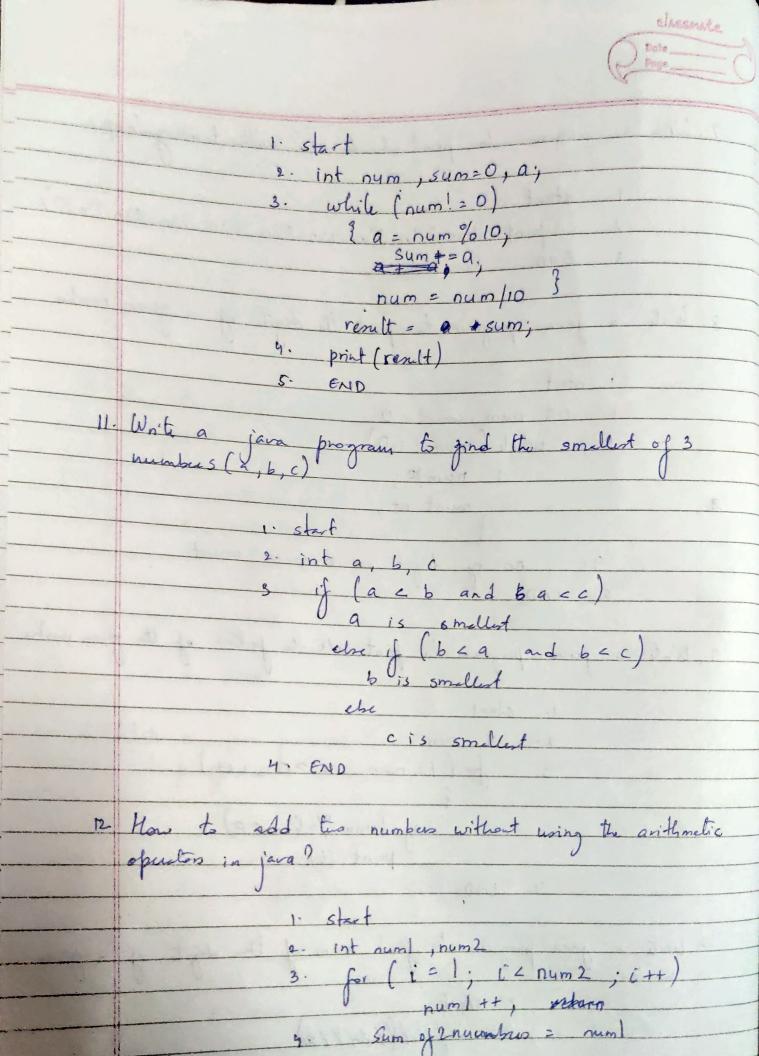


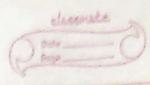
1. White a program to print 1 to 10 without using loop 1: start 2: print (1/n 2/n 3/n 4/n 5/n 6/n 7/n 8/n 9/n/0) 3: END & Write a java program to print the digit of a given number 1. start
2. (nt num, count = 0
3. while (num! = 0)
{ num!0;
count ++;
} q. no of digit in num = count

s. END 9. Write a java program to print all the factors of the given number 1. start
2. jnt num
3 for (i= num , i >0 ; i+t) if (num % i = = 0)

print (i)

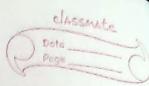
4 FND 4 END 10 Write a java progress to find sum of the digito of a given to while (shipm & & d)



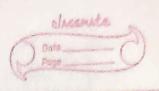


13. Write a java program de reverse a gives number 2. Int num, remainder, reverse;
3. while (num 1 = 0) remaindy = num of 010; reverse : (reverse * 10) + remainder, 2 num = num /10; g. END My Write a Java program to find erco of 2 given number 2. int a, b

2. int a, b 3. while (a!=b) $\begin{array}{c}
if(a>b) \\
a=a-b;
\end{array}$ 4. print (900 = , a) 5. END



	(Pods
Is Write a jara program to find Lem of 2	girla rumbus
1. start	1
2. int x, y, Lcm, a=n,	b = 4:
3. while (nl=y)	2
§ if (n 24)	
\{ if (n > y) \\ n = n - y	
elae :	
2 y=y-n	
GCD = n;	
- LCM = (on *bg) / G	CP.
y=y-n 3 GCD = n; 4. Lcm = (on *by) / G 5. print (ccm); 6. END	4
16. Write a java program to find LCM of 2	
the prime factors method	gren numbers using
	U
The same of the sa	
A signal and a sig	
The state of the s	2



17 Cheek whether the given number is Palindrom or NOT e. int numlf 12321, num²; remaindu, reverse; num 2 = numl; 3. while (numl > 50) & remainders num /0/010; represe z (reverse *10) + remainday num 2 num / 10.3 4. if (num == num²)
print (it is palindrome) else (not palint) 18 Write a Sava program to print all the prime factors of the 2. int numl,

for (i=2; i < naml; i++) while (num | % i = = 0) print (i)
numl = numl/i;
} if (numl > 2) print (numl)

