-Assignment-1. 03/03/2022
check the given number is even or odd.
Oep. 1: Gart
Otep. 2: Accept / Read the number.
otep 3: pivide the number by 2. and store the
remainder in R.
Gep. 4: if R=0. print number is even.
Bep 5: else print-number is odd.
Oep. 6: Ctop.
The transfer of the state of th
Difte ajava program os find the factural of grunnente
Otep 1: Gout
Oct 1: Accept one number.
Otep 2:- read the number and assign it to avariable
Orpa: multiply that number by the integers of
less than the number upto 1.
Rept. update the value and print.
OPP 6: Stop
Find the factorial of a number using recuestion.
The state of the s
otep.1! Start.
otepe: Accept and read the number n.
Bep 8 ! cell formal (n)
Gep 4! possint factional.
Orep 5: 070p.
The same of the sa

	ratofol (a)
	-factorfal (n)  Otep 1: If $n == 1$ then return 1.
	f = n* falloria.
	Oteb 3: Return F.
	ouer wo number without using third variable approx
0.4	Grace mas number
->	
	Oep 2: accept 2 numbers and read othern in variable a, b
6 6 6	Oep 2: accept 2 1100.00 b=9.
	Step 4! print a and b.
	ALPS: Gop.
	How to check be given number is positive or regati
0.5.	How to creek or J
	in gara?
7	87ep 1: Bart. Otep 2: Deexare available and initialize it as n.
	and danum () to their wine
	of I wonthis or helder
	1 1-11 the report.
	670 0
	steps: orap
	ognum ()
	Bep 1: $^{4}$ $n = 0$ , return 0.
	itelse 170, repur 1.
	esse nco, retem-t.
	The state of the s
	with a join program to find whether given hund
0.6.	85 reap year or Not
	Rep 1: Fart
7	sep 2: accept the year in integer form and store the
	Bep3: If is devide the number by 4 and
	Arre it into R
	Gep 4: It R=0 point "Leap year"

	Page No.  Date  Date
The state of the s	else port " Nota leap year".
	84p5: 870p.
D.Z	verite a java program la print 1 to 10 without wing
1	Toop.
	step.1: Gart.
	dep 2: accept to 1 to 10 Integer numbers and store them
	into variables.
	step 3: write a print statement and print trem.
	Rep 4: Pop
Q.8.	write a java program to point the digits of a given number.
1	OPEP-1: Start.
	step 2! Accept the number penander variable
	step 3: Accept the number by 10, ans store into remainder.  step 3: divide the number by 10, ans store into remainder.  step 4: print remainder.
	OPP 4: print remander.
	step 5: Now, number = number/10.
	step 6: Repeate 87ep 3. white (number > 0).
	Orp 7: Stop-
	The state of the s
0.9.	write the java program to print all the factors of the
	gnen number.
4	8)ep.1! 87out.
14.9	Otep. 2: Read the given number.
	land a double The own number by integers less than
	than or equal to the number and greater than zer
	than or equal to the number and greater than zer open 4! If the and store the answers in R. variable
	step 5: If R is equal to zero print the int number
	OPEP 5: IF R is equal to zero print the int number opep 6! else print "No-factors" / prime number"
Q.10.	write ajoro program à find the aim of the digits of a given number.
•	a aven number.
A	Gep 7: Great.
	des 3: perfore oums) to variable to short the soil
	Oep 3: beclare ounts) to variable to short the one of numbers and withalize it to o.

	Date
	ma modulo (a)
	Depti And the remainder by wing modulo (2)
	Explifted the remainder by was the number it remains the last digit of the variables in
	ocps: Add The last digit to the variables of remarks
	depos: Add The last argine by 10 for remaining
	last digit of N. ishitle (N>0)
	Step 7: Repeat step 4 - 6 Oep 8: finally print the own var. value.
	Orepa: Grop-
0.11	write agava program to find the smallest of 3 numbers.
	Rep 2: take three numbers in a,b,c.
	OPEP 3: Check PF 9 is less than b.
	Otep 4: It above condn. is true, 90 to step 5, ell
Table Comment	(90 to Step 7.
	Orep 5: cheek if c is less than a.
	Dep 6: It above condition is true, c is the anall.
	est, else 9 is the omallest Gotosteps
	dep 7. cheek if bil less than c.
	Otep 8: if above and is mie, bis treasuallet
	ese c is the smallest.
	870P.
0.12	- How to add two numbers without using - we with
	operation in gova?
4	Step 1: start
	Gtep 2: x++; y
	ALD 3: Repeat Dep 2 miles
*	beomes o.
Q-13:	Appoint m to reverse a given number.
-	sep 1: Gart.
	Otep 2: accept a number and
	Brep 2: accept a number, and Brine it in num.
	0494! Rem = num 1/10
	Sum = (sum x10) + recm

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	num = num/10
	Gep 5: if (num>0) then goto step 4.
	Gep 6: display reversed no. i.e sum.
	Gep 7: Gop.
Q.14	Alogo tofind GCD of two given numbers.
-	spep 1: start.
	Orep 2! Declare n1, n2, gcd=1, i=1
	Opp 3: rate input for n1 and n2
	Step 4! If i <= n1 and i <= n2 go to step 5 else step
	Step 5: cheek Pf n1%-1=0ff n2%-1=0
	return gcd=i
	else $i = i+1$
	step 6: print gcd.
STATE OF THE PARTY	Rep 7: 8/10p.
9.15.	Algorithm to print icm of given numbers
7	On a Dart
	Dep 2: accept two numbers and sto.
	AUD 3: IF N1 > N2 LEM=N1
	exe Lem =n2
	Depa validate com is divisible by both nixinc
	an If divisible ont um of two numbers
	apper olde the value and inference.
	and groto (74)
	Bep 7: 60p
0.10	Algorithm to cheek whether given number is palmation
Q.17.	or not
	sep 1 : Aart.
21	or ? " " " oput the member.
	Tr the reverse of the number 13 equal
	to the number then return true
	Orep 4: else return-folse.
	STOP (
	0 2

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	1 and no single
	e + 111 the name tochris of gird number
Q.18.	A190. to print all the prime factors of given number.  A190. to print all the prime factors of given number.
->	dep 1: start.  dep 2: input a number from wer, store it in some
	dep 2: input a number.
	variable say num.
	11. 012 - 14 - 1 1 < = 100.11
	a la tila che
	a nim or not. ++ 10
	Vi i manne
	- Lat = 11 applied 1 HTT P
	eteps: print the rand.
	app 6 1 90p
	3. 7 6 1
	Las home sattle lar panale 2 4 10
9-19-	Even number from particular Range 2, 4, 10
2	Otep 1: Otætt
	step 2: initialize cum=0, n=2
	OPEP B: Grum=sum+n
	Orp 4: n=n+2 print n
	step 5: if n > 10 repeat step 3.
	else print novalue.
	Orep 6: 600p
0.20-	Algo. point odd num tenles from range 1,3,5.
	orep 1: Gart.
	Bep 2: initialize sum =0, n=1
	Bep 3! n= sum+n
	dep 4: n=n+2 and print n.
	Dep 5 : it n>=14
	Dep 6 ! STOP.