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SUB CODE: CSAD99

COURSE: JAVA PROGRAMMINGI.

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write a pregnam to reverse a wood using
   Coop?
   CODE:
   impost jour util . Scanner:
   Public class Reveneurond &
     Capro [7 print 2) nin bios sites Status
       Scanner input = New Scanner (System. in)
        System. Out. pount ("Enter a woord: "):
        String norme = input. next Line ():
        String reversed = ":
        for (int i= name. length ()-1: i = Dii-)
          : (i)+A cons. chance = bearener = bearener
        System. Out. Paintln ("Reverse word: "+ reversed):
2. Write a program to check the entered
  user name is vouid on not.
  COOF: 5
  impost jour. util. Scanner:
  Public clars User Name Validator
    Capacia Static void main (Staring [] augus)
       Sconner input = New Scanner (System. in):
       System. Out. Pount in ("Enter the user name:"):
        String user Name ! = input . next the ():
        System. Out. pount in Charter the user name: "):
        Storing user Name 2 = input . next Lines):
        if Cuser Name 1. equals Cus er Name 2))
```

```
Systemiout. Printin (" user name is varid).
     else
       System. Out. println ("user name is invalid):
educate a program to reverse a number
  Using loop?
  CODE: -
  impost Jours. Util- Scanner:
  Public Claus Reverse Number
  8
     Public Static Void main (String[] angs)
     5
       Scanner input = new scanner (System.in).
        System. out. Println ("Enter a number
                              to revenue: "):
        : (Hotokson. tugni = n tri
        int nev=0:
        while (n:=0)
            : 01 . " n = mar this
            : Marc + O) * Varc = Wart
            n=n/10:
          24
         System. Out. Println ("Reverse Number: "+ res
       3
```

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4. Write a program to find whether the
  Person is esigible gon vote on not.
  CODE: -
  impost java. util. Scanner:
  Public Class Vote Eligibility
    Cepric Static Void main (String[] ange)
       Scanner Enput = new Scanner (System.in):
       System. Out. Print ("Enter your age: "):
       : () Instanon tugni = ago thi
        if (age > 18)
          System-out. Print ("You are eligible to vote:
        Jesse if cage L=0) [
         System. Out. Print ("Enter the age: ):
        y eve &
           System. Out. Drint (" You are allowed to
                 Vote after "+ (18-0ge)+" years."):
         3
5. Find the LCM and GCD of a number.
  CODE:
  import jana. util. Scames:
  Public Clays Main
     Capus Ed print So vid main (String Edags)
       Sconner input = new Scoumer (System.in):
```

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System. Out. Dount ("Enter the number
                   of elements: "):
 control to the this
 : [1] this are = new int[1] this
 System. out. Println(' Enter the numbers:"
 (++1:01:02 tas) reof
    numberstiz= input. nextint ():
 24
  int Icm = numbers [0]:
  int aco = numberstoz:
  fox (でんじょ)こういい十十つ
    Icm = find Lancemonumbers (13):
    gcd = find GCD (gcd. numbers (: 1);
  2
  System. out. Printly ("Len of the rumber:+
                                     2cm):
 System. Out. Printing Good of the numbers:
                                   + 3cg2.
29
Public Static int find LCM(int as intb)
  : Co. Dans brind (de ma ter
Cottice this and brid this sites & sieder
    (0==0) 4;
       : so new tere
      seturn find orcoco. av. b):
```

24

```
6. Write a program to print Right
  Triangle Star Pattern.
  COOF: -
  impost joua. util. Scanner:
  Public Clars Geeks For Greeks
  S
     Public Static Void Stan Right Tricangle (into)
       : dio tri
       for (a=0: a < n: a++)
          : c) ntriveg. tuo. massys
      Pour Static Void moun (Storing angs (1)
         int K=5:
         Star Right Towarque (K):
   3
was structed of moregoned to stire of.
   bornery.
          *
```

```
impost java. util. Scanner.
Class GFG
8
  Public Static Void Pountpascal (int n)
  3
  (++1; n=1; il=1 toi) rot
    C+12:1- n=12:0=2 xn3) rot
     5
       System. Out. Paint (" "):
     2
     int x=1:
     ton (:1+ K=1: KL=1: K++)
     5
       System. Out. Pount (x +"")
       メ=メ* (:-K) | K:
      3
     System. out. Printin ():
    3
  3
   Public Static Void main (Storing [] ags)
   3
      これとしまい
      Posit Poscol (n):
    3
 3
```

```
8. Write a program using function to
  colculate the Simple interest.
  CODE:
  import java. utill. Scanner.
  Public clars simple Interest Calculator
  2
     Copric Static void main (String[Jarge)
       Scanner input = new Scanner (System.in).
       System. out. Pourt ("Enter the Pourcipal
                                   amount: "3:
        : (1) the notupn = ineq this
        System. Out. Pount (" Enter the number
                              of years: "):
        int year = input. next mt():
        System. Out. print (" is the customer a
                        Senior Citizen (yln): "):
         Chan age = input. next (). chan Atla):
         double interest = 0.0:
         if (age == 'y')
            interest = (pour * year * 0.12) 1100:
            System. Out. Pount ("interest: "+ interest);
          Jesse E
             interest = ( Pri * year * 0.1) 1100:
             System. Out. Print (" interest: "+ interest);
           3
```

```
9. Java Program to find even sun of
  Pibonacci Series Ties number N?
  CODE:
  import jours. Util. Scannos:
  Public class Fitonacci
  5
     Public Static Void main (8tring[] angs)
       int n=10:
       int a1 = 0, a2=1, a3:
       int all I new int [50]:
       C++1:011:0=1 +11) ROP
       8
         alij=ali
         System. Out. Print Catio+" "):
         a3=a1+a2:
         a1 = a2:
        02=03:
       int Sum=0:
       for (?nt =0: 12=n 2 :1=1+2)
          Sun = Sun + acij:
        By Stem. Out. Print ("In Sam: "+ Sum):
      3
    3
```

```
10. write a program to print the number
  from M to N by Skipping K numbers in
  between?
  CODE:
  Public clays Skip Numbers
  S
    Public Static Void main (String[] angs)
     3
       int N= 50:
       :001 = 100:
       :F=y toi
       fox (int ?= M: 12 = N: 1+=K)
        2
          : C": "+ i) tring. tuo. mesty?
        3
      3
   2
```