JAVA PROGRAMMING

```
1) Write a program to reverse a word wring Loop.
import. java. util. scanner, promis desped
  Rublic dass reversiword literational and aller
     Rublic Matic vaid main (Noting [] aras) &
     scanner input = new scanner (rystem.in);
     of reverse: ");
    strung name = input. next Line (); 10000 points
    Abring reversed = 1" " ; my a signing . Ind . model.
    For (int i = name. lugth()-1; i>=0; 1--) {
       oreversed = reversed + have charater;
      Short reach with reclosed to rath stray . From the often to
    system. aut. premin (" Reversed Word: " + reversed);
     4
    y Copplered to summer of astalling . In ...
```

2) Would an assochance program to thick the entered around is valid or not.

import java. util. scanner;

Public dass arenvame validator (

Bublic static void main (string [] arap) (

scanner input = new scanner (system.in);

system and printly ("Enter the usin name.");

string arenvame 1 = input. next Line ();

string user Name ? = input. nexthing () 3.

If (username 1. equals (user Names)) & system. aut. pountly ("Reenter the user name:");

3 ystem. aut. Println ("user name is valid");

system. out. printh (" user name is invalid");

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```
3) Mrite a program to reverse a number uning loop?
  import. java. util. Scanner;
  Public dass reverse Number &
   lublic static void main (Mring [] args) (
     scannes input = new scanner (system-in);
     system. out. printle ("Enter a number to reverse: ");
     int n = input. next. 1;
                      I sent and the same I
     int ser = 0;
     while (n!=0) {
     " with seen = N 1.10;
       Sun = sun x 10 + sun;
       N = N /10 3
    gar 🐧 Landle in material by American colors
       system. out. println ("Riverse Number:" + sur);
```

```
1) Write a program to find whether the person
is eligible for vote or not.
  import. Java. util. scanner;
  Public dan Vater Eligillbety &
     Rublic static vaid main( string (I arays) ?
       scanner duput = new scanner (system. In) ;
      system. aut. peduth ("Enter your age: ") ;
       int age = input. nextln ();
        It (age>1876
                               A. t. 110 2 4 1 1 11
          Mystem. aut. print ("You are eligible to vate: ");
       I also if (age c=0) &
          system. aut. print (" You are allawed to vate
 after " + (18- age) + " years");
```

```
5) Find the LCM and OCO of a number.
 import java-util. Scanner;
 Public clairs main &
   Public static void main (storing [] args) (
   scanner d'uput = new scanner (system. In);
   System out printly "Enter the number of elements: ");
   int n = input. next int ();
   in new men = new but [n];
   rystem. out. println ("Enter the numbers:");
   Jon Cint 1=0; 124; 1+4) &
                                Car Hat "
   numbers [i] = input. nextlnt();
                        S Styrica 18 1 Atr. 4 MI
      int Icm = numbers (0);
      int ged = numbers [0];
      system. aut. print ("LCM of the numbers:" + LCM);
      system. aut. Brush ("GCO of the numbers: "+gcd);
      y
      Rublic Matic int findosco (inta, Int b) &
      St (b == 0) }
       outurn 93
       return find (100 (b, a7.6);
       4
```

6) Write a program to print right triangle star Pattern. import. java. util. scanner; Rubbic dans stephtbriangle & Burger Burgery - Fragini. Rublic Matic Vald Mar night briangle (int 1) Link a, b; (3 march Janny Ziw sow, sollow For (b =0; b = a; b++) & Boncaso; all's atti in factorial suited to fee Mystem. aut. println (); - Around Shot out of the Alberton . In a wanter Rublic Matic Vald main (Mering args [3) 11111 1831 18-1101 13 L in K:3; " () da had sind of a line and at a Star Right Triangle (K); The Love Lovery : And The otal a mount of the I (NOT & " FORE STOREY AND F ME. " . I very can be residely o ECH-11 " concerne with 1 good - down of my making to I can the same is a without the some is that 100 . 10 0 0 m 2 ml word-

```
? Novite a program to print below pattern?
          import java. util. scanner;
                                                                                                                                                                                                 · Lander . Poter word for the order of
                  class crifical
                          Public Static vaid print Paral (Int 1)
                                                                                                              the fit outstands with the state of the stat
                                2
                             For Caul j=0; j++; j++) &
                                                                                                                                                                                        Tagerda, v. my dee het e
                                                 system. out. poulut ("");
                                                       dut x = 1 3, - where a recorder will in the desperance the
                                                       3 or (int K=13, K =13 K++ ) d
                                                         system. aut. print (x + "");
                                                           X = X * (1-K) 1K'
                                                           system. aut. Brantin();
                                                                                               Brooks of the Arm of the Asset of the Control
                                                                  Public static void main (string [] args)
                                                                   2
                                                                                                                                      estigne a may a territor deservi-
                                                                            um n=4;
                                                                                                                                                   The state of the s
                                                                         Porlue Pascal (n);
```

8' Write a program using function to calculate the shuple interest. Eroneus Alm and Frage import java. with scanner; Public dass Simplificaness calculator (1111) Public Matic vaid main (Maing [] angs) of & cannon input = new & cannon Crysten . in; cin: mucomo befining the remised amount :"); int four a input. next (); system. aut. pount (" is the customer a sentor citizen (YIN):"); Chan age = dupus. next (). ChanAt (0); double Julever = 0.03 2000 + 200 days , during the 78 LUV 75 18 4 4 4 (age = = 'y') & interest = (loi * Year & 0.12) 1,100; 1. del . model Tystem. out. Prim ("interest:" + interest); I also for to provide I mind from their interes = (Bri & year & 0.1)/100; bystem. aux. print ("interest:"+ Interest);

```
9) write a program to find even run of fibonaci
 Series
     Import. java. util. scanner; modern a filiti de la militare
      Rublic data clar Fibonacci &
        Rublic Static void warm ( string [] araps) &
        dut n = 10;
        int a1 = 0 > a2 = 1 ; a3;
        ( TO 2) Jown wen = [] a wi
         For ( dut 1=0:31 < 10:31++)
           a[i] = a13
           system. out. Printly (a[i] + " ");
           a3 = a1 +a2;
           a1 = a2;
            a2 = a3;
          unt sum=03
          For (Jul 1=0; id=n*2; 1=1+2)
           sum= sum + acis;
           System. aut. Printh ("\nsum!" + sum);
```

10) write a program to prive the numbers from M to N by Mipping K numbers.

Rublic dans Neiphumbers &

Public static void main(string [] args) (201 M = 50; To 10 des a part 1 por 12/10 10 Total 1

int N =100;

int K = 7's

3 (x=+1; c'M=11; M=1 + 11) roof

Mystem. Out. Porint (14 ", ");

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