```
E doop bush or or ordered or mandered or shindle
   Scarren Signil = new scarren (systemin);
   Storing name = input o next line ():
   Storing empty = ";
    function output: ELPMET
    lion (int "= len - 1; " == 0; " -)
                                    output : ELPMET
    empty = empty + name - char At (i);
   System - out . print (empty);
2) Write a program to check the entred user name is
Valid on hot.
   Strong Sy = inout : how I le (2)
  String St = input · next line ();

String Sa = input · next line ();

Saveetha @

username In
                                      Saveetha @ 784
                              username Invalid
    system. Out - print ("ilser name 'calid!");
  else
  System. out. print ("user name invalid");
```

```
3.) While a program to reverse a number using loop:
  Number 3 14567
 output : 76541
  Scarner Sinput = new Scanner (system o in);
    int he input a nesel int ();
     Int new = 0;
    while (h1=0)
    Einh neu n-110:
     nev = nev + 10+ nev;
      h=n/10;
    Syllem - out. print (rev)
4.) White a program to find whether the porson is cligible
 for vote a not and if that particular person is not
 elibble then point how many left to dyible.
   Enter age: 7 output you are allowed voke after 11 years
   Scarner shoul = new scarner (System = in);
   sul age = inthe next int 1);
     if lage >11)
     System. Out print ("Entor the age for wate");
    clase if (age 2=0)
     System out print ("Enter the age (correct ");
 else
   System. out. point ("you are allowed to wake after "if-age);
```

```
5) Find the Len and Greb of in numbers?
  Import jana . will geornes;
  Public class ax
   Static Int god (inte, Int b)
   # (a == 0)
   nelway b:
  nelian god (6% a,a);
Shaffe int find god (int a [], int n)
   Int mes = a [o];
   flow Cinti = 0; ich; i+1
    to god ( n a [i];
   if (nes = = 1)
                   The of things with marks
    networ 1;
  networn ";
Public shakic word main (string [] args)
Scarnor input = nou scarnes ( Bystem o in);
int h= input. neset Int();
 int a [ ] = new int Ling;
 bon (int i=0; i<n; i++)
 a [i] = inpul neset int ();
```

```
System out paint o (find god (a, n);
   ind god = Bind god (a, h);
   for (int = i = 0; ich; i+)
    hu= 1 = nun * ara?);
   int 1 ( = nm/god;
  Bystom. out. point n (kn);
6.) Write a program to print right triangle start pattorn
  Scarner input = new scarner (syllen in);
  from (int i = 1; i < = 5; ++)
   for (ind j = 0; jen = i; ja)
   system out print (" ");
  Bon ( int K=2; Kc = 1; K++)
                               THE PROPERTY
    System = Out . print (" ");
                  THE STREET LINES SHOW SHARE
  dyslam. Out Print h ();
                   ETERT BELL HEIGH - it don't
```

```
E realled indeed soft shired of maregared a shirth (. I
            3 3 1 2 1
                3 2 3
    Scanner input = new scannor (system in);
    She he input, next Int ();
  Bor (int i = 1; ic=h; j++)
    € int a = 13
                         JThe stead 17 4
  Bon (Pnt 3=1; 8c=n-i; 8++)
  System out . paint (" ");
  3 from (int "=1; sc="; s++)
   Out, point (a+"");
    a=a* (i-515)
   841 tom Out. print h ();
                          LANS SALE WAY YOU
Works a program using function to calculate the simple
internt 8417pore the customer is asserias cilizan the
reing called 12 preceaset rabe internt.
    Scanner input = new & carron (system in).
    int pout = input. next Int ();
   int year = input neod Int ();
  chan age = "npul " nescl () chan At (6);
  double interset = 0.0;
```

```
if (age = = " > ")
        Intagel = ( Mix your & 0.12)/100;
       System = out point (intagel)
99) Java program find ever sam os filsonaci soriel
   int n = input next Int ();
   int 41 = 0,000 = 1 a3;
   int a [] = new; at [50];
   for (int i=0; i<10; i++)
                     THE STREET STREET
    a Lij= 219
  Byslen out point (alist " ");
      a 3 = a, +a2 ;
      Q1= Q25
      62= 03;
  5 nt 8wn=0;
 for (int i=0; i<hx 2; i=i+2)

Sum = Sam + e[i];
            - Lundia salar Europe of his has prient
                     the wind a Built Hamiles,
 System · Out - point 1 (" n sun o" + sun);
           IN Willy Syrace Shapin = 10
```

20.) Write a possogram to print the hangers from to by 8 knoping numbers on bescule?

Scanner input = new scanner (system.in1;

int n = input. next int ();

int k = input. next int ();

int k = input. next int();

for (int i=m; ich; i=i+k+1)

System. out point (i+" ");

System. out point (i+" ");