Homas Melan Pagnot 192321087 ASSIGNMENT - III Cowuse: Jano geography Cours codo", conoces DATE . 30/01/2024 white a gregion to print following Pattern. 0/0 0/1 0/- 0/e import Jamo. Util. Stanners, clavi Pattour E. Oublie Static Varol mainer Glanner input = new Glanner (system-in)", Chan C= Input. next(). CharAt(0); Ent n= Emputo nextEntos for (int [=1] i k=ng i++). for (int j=1 3 j k=1 3 j++). System-out- Print(c); 3 System-out - printles); 22. Write. & Originam to check Leap your or not. import Java- Util. Scanner; clau ok. Public

```
Public Static Void mair (String[] ongs).
           Scanner imput = new Garner (System. in)
            System out - Print ("Eros Years") 7
             String year = imput-next();
             String at 1 = year = Spirt ("/")>
              gwing d=a[2];
               int rum = integer - parse In+(d);
               if (Commolo4 = =0 In R. num 1001=0) 11 Num of 400
                      System. Out. Privalin ("It is a loop year" )
                     System-out-printly ("Not a leap year");
                else.
3 Find number of factors for the given number.
import Java . Util - Scanners
days. Javor.
       Public States Void main (String [] angs)
 2
            Swiner input= new Swiner (Systemotal);
             Int n=input. next Inf();
             int factors=0"
              for (int 1=1; 12=n; i+1)
                      4 (n'1-1=0)
              ٤.
                            factors = factors + 13
```

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System-oud - Print ("nownber, of factors = "+ factors")
    Stonner input = new Stanner (systemin);
    int n= input. next Ire();
     Int factor=07
      for ( Int 1=19 PL=ng TH).
      €. 4° (nº1-1==0).
                   factors++7
        System-out. print ('factoris);
4- Program for Perfect Durchen
import Jaco-Util-Scannery
        Number
         Public Static Void man (String (3 angs)
 Jan.
               scanner. Input = reus Scanner (Systemin)
               int no input o next Inf();
                Part factors=03
                for (inf (=19 ( km ; i++).
                      4 (no101==0)
                            factors = factors +19
                  y (n==fautory).
                        System . o cd. print ("It is perfect number")
```

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of viscols in a
2. Brodzen & brust errupes
 statement?
Support Jouq - Util - Scanner)
 tlam
      יישמיוועריים וויש
 ٤.
       Somer input = MN Surver (Syllem-In);
        String none = input = next == thin ()")
         int len: nano. long the 13
         Charact = 1000 characters
           in + Vou= 0"
           for (in) ison of 12 long (++)
            5.
                  atij = name - charAter);
                  4 (atit== 'a' 1/ atit== 'e' 1/ ati ]== 'i')
      atij == '0' | atij == 'a' | |atij == 'A' | atij == 'E'
        11 atij='I' 11 atij=='O'll atij=='u')
          Vow = Vow+ 1;
    System . act . Print In (Vaul)
                                        Spens Sprepel Post ons
```

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mayeam to print house square.
 import sous + Util. Scanners
 claus horrow.
  5.
    Stanner input = New Glanner (Systemin);
    int nes"
     Chan C= input. next(). charAt(o);
      for ( 3mf 1=17 [L=119 1+1).
             for (mif=19 ft=n 3 f++)
                  4 (1==11) j==1/(+==n1) j==n)
                     System - out - print (C+" "19
                       System out . proof(" ");
                   elle.
                 74.
              System.out. printinuis
      Program & Print Fishonaui Sovier.
import Java. Wils Stanner
Claus Fibbo
      Scanner input = Pew. Scanner - (System-In);
 2.
       int n = input. nextInt();
       int al=0; a2=19
        for (inf i=0 0, 12 ng (+1)
         5
               System. out. print (alt 11 11)3
```

Int a3= aHazi

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al-02)
       azeazy
  8- Program to print balous pattorn.
       2 2:
       33 3.
       4444
  somer (nput = new Scanner (system = 111));
  IN + N= Priput = MEX (IN (())
  for Cine i= 13 ich sitt
       for (int fels frests gas)
              system-out. print(1);
          System = out . Print(+ ():
      Program & find Square; Russe of desired number
    3 -
import Jawo Uril. Summer;
       Oublic Static Void main (String angles)
 dan Squar
            Scanner - Proport = 1900 Scanner (Syntem-1/2)
             float n = input. next Float();
              System.out. print ("Square's" + (n*n)",
               System. out. print ("auho" + (nonen);
```

Fird Factorial of n?

import Java-Util. Scorner;

clave. Pownher.

Reduced World main (String[J angs).

Scanner input = now Scorner (System in)

for n = input. Mort Int(1);

in x fact=1)

for (int i=1) in = now it in the information in the content in the interval interval in the interval int