REG NO: 19232NS4
DATE: 09.08.24
ASSIGNMENT. NO: 05

the transfer due welche

3 n Ja larabag aft brit

import. java . utcl . scanner: Public class factorial

Public Stable Void main (string (Jargs)

Scanner input = new Scanner (System.in); int n = input. nextInt (); int fact = 1;

for (int i=1; isn; i+1) nom ble sale

factors = fact + of good yes) remodern - hapiron

System. out println (n+"factorial="+fact);

2. Write a program to print the below pattern

4 9 16 25 36 49 64 81 100

emport jour util scanner Public class Brintpatters

Public Static Void main (string [Jargs)

Scanner Enput = new Scanner (system in); int n = input - nextInt(); int x=1.

```
for (inti=1; i <=n; i++)
                                                                       DURMANDOST AVA
         for (int j = 1; j = 1; j ++)
                          System out prival (18 184");
                                                                                                                                  conjudovatos) with
                        yetem. out. printly ();
                                                                                                                           remose. Jalu out. scarren
                                                                                                                                   lovated well silled
3. Write a Brogram to find the number of Composite
              numbers in an array of elements.
              Emport. java util Scanner:
Public class Composite number da Para de dans Composite number da Para de dans de d
                   Public Stalic void main (string [Jargs)
                     Scarner Enput = new Scanner (system oin)
                    int our [] = {16, 18, 28, 16, 23, 21, 19); int len = our length; of the outers
                   for ("nt =0; i < len; "++)
                       ent c=0; multing world with driving at margard a
                          A (an (17.1.5 = =0)
                                                                                                                                   ingood fora with scorner
                    if (C>2)
                                                                                                                                    Elen Birthaden
              System-out printles (Quit); man during remove
                                                                                                                                   Ent as Exper-resulted of
```

```
Find the nth odd number after nodd number
     import, java. ulil. Scarrer
     Public class add numbers
     Public Static Void main Cotting (Jangs)
      Scanner Input = new Scanner ( system . In);
      Ent n: input nextint ();
      int au () = newint (100];
      for ("nt = 1; 1×100; 1++)
      if (1.1.01=0)
       arr [j]=i;
       7++;
     System out printer (are [n* 2])
                                white class find policy
5. Write a program that finds whether a given character
  as present in a string or not.
  import Java . util . Scarner:
                                    into a Thouse newtake () -
  Relic class characters
                                    (117 M) [ ] = [ 1m] 10
   Public Static Void main (String [] ang )
  Scanner input = new Scanner (System. in)
   String Str = input. nextline ();
  Char (=input, next(). Char At (0);
  Char aur [] = new Char (Str-length ()];
  int len = str. length ();
  int x = 0;
   for (Inti=o; i < len; i++)
  over [ ] = Str. CharAt (i);
  if (arr [i] == ()
```

```
System. out. println (C+" is found in string at index.
                                  witness bla was.
     of (x==0) coped (3 prints) when bout side to some
      System - out. println (" character not found");
                                 of it inform nextent ():
6. write a program to print the below pattern
      3 3 3
      4 4 4 4
    import. java. util. Scanner; * 13 hus) relating due moting
    Public class Brint pattern
    Public Static Void main ( string [ ] args)
    Scarner input = new Scarner (system . in);
    int n= illput. nextint ():
    for (inti=131 (n; T++)
    for (int j=1", j < i 3 j++)
                           Public Static Visid Main (Stang Thing F.
                                    scenner enjoy exemsca
                               may sty - input, nentline ();
                                      (c) spres 1813 192
    System. out. print (1);
                                            J. Carristil - 10
```

system - out - printly (); Ind whether the given number is sometrong number import java . ult. scanner; Public class Amothony apaltana togis some en Public Static Vord main (string [] args) Scanner Propul = new Scanner (System. in); Port les = name. length (); Char arr[]=new char[len]; for (inti 20; i < len; i++); Public when Eguara Dollar polition aver [i] = name . Thou At (i); Arrays. Sort (and); prints) miner blow subto sitely for (inti = len -1; i > =0.; i-) (ni = moders) ionnos cuen : lugar remode (ni = moders) ionnos cuen : lugar remode System out prient (are Cig+ "). (++1: desi -0=1 bii) 10g (Hi; asi; o; ital) rej (1-11-271/ (1-0-311/0==110==1) B (" ? ") trung, due, motive : (" ") drang. duo. make yo System . Out . printly ();

```
Brogram that accepts a string from user
     displays the same string after ramoving
       import, java, otil, scanner
       Public class removing yowers
       Public static wid main (string [Jargs)
         Scarner Expul = new Scarner (System-in)
        string name = input nextlere();
         string ni-name. replace All ("Aciou A Etou");
         System out println(n);
                             ( ) Alpred . SHON : Med do?
to write a program to print hollow isquare pollers
     import gava . uld . Scarner; 15 100 signs
     Public celass Square Dollar poltern
                              DURE IS E HOME, SHOW AT (1)
     Public void main (string [Jargs) 1003 yours
       Scarner Enput: new Scarner (System: in)
      Post n= Empul. nextetrat ();
      for (int 1=0; 1<n; 1+1)
      Eq (i==0||j==0||i==h-1) 11 j==n-1)
      System . out . print ( " $ " );
      system. out. println ();
```