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                                      Name: Sathish kumax &
                                            · CSA099 3-Programming
                                             EnJava for Appl Poetion
                                             Development
  1. Moste a boodwar for works orgalition;
                                           : 27/07/2024
      import Java Ut?1-scanner;
      Public main
          Public Matter vold main (Stornge), anger
       Scanner input = new seanner (system. in);
       Put mat 1 [] [] = { { 1,12}, { 5,133};
       ent mat 2 [] [] = [[213] ([413])
       int most sum (][] = new. Pot [2](2];
       Ent Len = mat 1. Length;
        for (Prt 9=0; 92ten; 1++)
           for (int J=0; J/Llen; J+1)
           mot. Sum CiJ CiJ = roat [ 1] LBJ + mot 2 [ P] [ BJ;
            System-out-Ported (most-sum co) ES3+*1E)
          System-out Pointhn ();
        a Program to Pornt rectangle symbol Pattern.
2. Write
        State L vaid Profit Rectargle (Porth, Portw)
   Class GFGG
          (08 (Pati=0; 92 h; 94)
         5 system. out. Println();
           tor (int 9:0,920;9+
           9+ 19==0118==h-111
```

```
SARtown out basuF("@"");
     System-out Potht (" );
  Public states void main (string angel)
     Pat h=4, W=5)
     Pothe Rechangle (him);
Write a Program that would sort a 19st of names Pr
auphabatical order Ascending or Descending , chapie
JOL from the wer
 Impost gava util- seamer;
      Public Matolic void main Citolog [], angel
 Public main ?
 Scanner Poput = now scanner (Ststem. Ph);
 String and CJ = ["Bomana", "Apple", "course", "Rostish", "Joeth
 Pak bon=arr-length;
 chan order = Propul. next(). Charat(0);
  bt rosgo == , Alt
         For LPARPZO, PLVen, PHIS
            for (A+3= ?+ 1), S Lam. Length, S+29
              9+ (ancest compare to an cess) 10) {
                Storngtamp=ancisi
                an CTJ = and c95,
                our CSI = Fempi
```

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system out porheta (Arrays to storing (aux));
  eise Pt (order == 10) &
        for cont P=0; 921en; P++) 5
           tor (Phe 9=P+1; 32 am. length; 19+1)
             A law Ciz. compart TO(an C3) 6)?
                 String tout = arulis;
                 au CTJ=arr (3);
                assi C3J=tomp;
             3
        system-out-printle (Array s. to Stoppy (aux));
Maste beatean for waters wastablication;
  Propore pava UEPI. scanners
  Public roows
    Public robbratile vold main (storing EJ, arange)
   Scorner PAPUL=now Scorner (system:n);
      PUF 2564 bit voset IUFO;
       but c=bubot - vox+ Infly
       PUF WOT ICICI = LON GUF CONECI)
  Port mot 2576] = new int [or 1 Co];
       (+02 (but 6=0, 672,6+4)
       tor (PA+ 9=0, PLC, S++)
          roat 1297697 = INPUL - next Into
     too (but 6=0, 652, 644)
       for (9nt 9=0; 1/20; 9++)
```

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FOOD 2 CPICS J-PAPER. nox+ Int ();
     For som EJCJ= now Pot CoJCJ;
     tor (Pht P=0; PLT; P++7
      (60 (At 9=0; PCC; S++)
       Sum [9] [9]=0;
       Gor ( PAt K=0 ) KCC, K++
        Sum CPJ CBJ = Sum CPJ EBJ Amax CPJ (EJ*mat2[x][cb]);
      system out. Parink (Jum CPJ [9]" + " (+");
     System out Porner ();
Wolfe a program to point the following pattern.
  import Pava UEPI. Scanner;
  Public main
   Public State vold mais (Stoing [], angs)
  Scanner Poput=new Scanner (Stem. Ph);
 System - out. Potht ("Enter Harmenber Lobe Poined!)
 Pht x=Phpub, nextInt();
 System. out Point ("Mass Number of Phe Pointed!)
 PUFU=but-boxt Into;
 108 (int P=1; PLn; 14+1)
    tor (Pat 8=1182=1;8++)
      System-out. Pornt (2);
```

```
System. out . Poput Ln ();
   (0x CPnt P=n-1) Py=(3Pt-)
      for (PME 9=13PL=9; SH)
        System. out. Pothe (20)
      System.out. Pointho;
6. Write a Program to Profit the spectal characters saparately and pront number of spectal characters
  Pro the 1Pre?
    Proport Java-UtPl. Scanner;
     Puble = statec vold main (1+000gl], angs)
    public mout
   Scanner Paper = new scanner ( Feren. Pa);
    Stoppy S= Papet-nex Lines;
    Port Len = S-fength();
    Chan a CJ = new shan [len];
    PUF SP =0;
     ED& ( SUE 6=0. ' & Trow : 1++)
                     meant pand nebt 250000
     a [I]=S-Chan A (Ci);
     PF Cacpy = 65 AR acps == 90119 [ 131=97 XX
                                       a Ci ] L=122
            11 acij >=48 & &actj1=57)
         System-out. Prit (acti) 7:3
    3 System out Point ( ( In"+ SD);
```

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1. White a program to proport all the composite number
  between a andb?
   import Pava Util-Sannor;
   Public main
    Public= Static void main (Storing 2), arros]
   Scannon Poput=new scannon Csystomin;
    int a= Popul- Next Int ();
    Prit b=Priput. next Into;
    for (Pat 9=at1) P (= 6;9++)
   £ Pn+ c=0;
      for (Pne 9=1; 9 L=6; 3++)
       Pt (1908==01)
        C++; rond so
       PF (072)
          (c72)
Sy Stern-out poput (Pt"");
      7
Write a program to propor the Inverted full
Pyramid Pottern?
 import Pava - Util - Scanner;
                       (1) to and
 Public main
  Public = static void main (storing [], ourgs]
 Sconner input = new Sconner (System-in);
 Port neinput nextInt U;
 for (ine T=n; ?) =1 ;?--)
   for (int 8=0; JLn-1; 1++)
    System-out Point ("");
```

```
too (Pn+K=1)KC=P; K++)
  system out Pornt (" +");
 system out pornelines
that the Mean, Madran, made of the array of number.
Propose gava util sconner;
Public nown
  Public = static vold main (stoling c), angs)
scanner Proput mow scanner (system. 911);
Prit acj= 9 (6(18/27/16, 23/21/193)
Prix len = a - Length;
 Prt Sum =07
(02 (Pn+ P=0; PLCOn; P+1)
    sum= sum + a (PJ)
Pn+ mean = surollen;
System - out- Pornt Incan: "+mean);
tor lint 9-0; 921en; 9++)
    too cont S= P+1; 32/20, 5++)
      P+(aC1)>aC5]
          Put temp=acps;
          acij = acgj;
          a CSJ = temp;
       3
    3
 (00 c?n+ P= 0; PL(en; 1++)
     Pt ( Len-+2==0)
        Pre mood = len 125
        System-out Point ( mod Pan: "+a Cmid-i
       break:
```

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9 Ph = mPd = (len+1)125
     System out Porn + (mid):
     Eastown out - bosupp ( " mogion" + a Courg-1);
     break;
   for (Pn+ P=0) PL lon; P+1)
      tox (Pn+ 8=P+1; 8 Llon 38+1)
       P+ (acij==acij)
         System. aut. Forntha ("mode:"+acis);
   3 3 3 boreak
10 find the factorial ofn?
   improst Sava , Util . Scanner;
    Public main
      Public = Statie voldmain (Stoling CJ, angs
   S
   Scanner Popul=now Scanner (System, in);
        Pat n= Paput-noxt Int(1)
         Pre fact =1:
         to & cPat 1=1, PC=1,9++
         3 fart=force *?;
       System. out, Prent (fact):
```