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          ASSIGNMENT-2
                                 Dagro: 192311006
                JAVA course codo: CSA093
24.07:24
   Durile a program for matrix addition?
      Public class matrixeddition
      Public static void main(string[ ]orgs)
       int[][] mat 1= [[1,2] /5,3]);
        INE [][] mat ==((2,3),(4,1));
       int [][] mot sum = new int[][];
   for (inti-0) 122; 1++) 1
        for (intj=0; j < 2; j++)
          mat - sum cillil tom = Eistis mat 2 Lillis
          system. out print (mat sun [i][
     100 system out printing) date
 erroughton, coll-south = 1 10 composed
 unité vois pring print rectorde symbol
     pattern. or et the symbol as input. from user
         import java util gearner;
         public class Rectargle potterny
         Public static void main letring[] Jorgs]
scarror.out. Printl'Enter the symbol:");
          chan symbol = input. noch Lut().
          system. out print ("Enton width!).
          int width = input nect intly;
          system out print ("Enter height:");
           int hoight = impart northholy.
            torlinti=0; it height; i++),
              tor (intig = 0; L width; j++)
                system.out.print lsymbols "J.
          1 System. outprintln1).
         , , input close!
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Norse Killetion LIABINI DIEZA Soolies Input Enter the symbol. I. Al width:5 Enton haight: 3 mg Enton output routibles intor ando siteles prot jour Jour Jour state silder * * * (To sair iji I dan [] [] toi 13) woute lain program wethout would sort of names in alphabetical order Ascerding or descording, choice get from the war? importe livarial utal. Arroys; dans import jana all scorrery maters Public class sort momos! Public static void main (string [Jargs) [scanner input = new scanner (system in), strung [Jorn= [" Barana", "Apple", corvet", "Rodich" system out print ("order(A/D):"); chor ode = input. rock ().cho ist (6); Arraysontion, (a,b) - 20 rdr== A' ?a compone Idé
: La compone Totar); Arrays. strom(orr). for Each (System outs: printly). input closel). traverse. Leter aux, togen frettogetrated ands silvy Reproliquentes noginplit: and wilder the spread) : (Ita odo (A/D): A. two. roving char symbol - lednys non's · (indbew Apple die France malgre Barrana tugo = atthin to 34stan out, printered reight.): Radistry - though do; (++1: depict =1:0=1 drill of ++1 inthiws io - idner to+ " Wadnesd Ling dus metals" System. sut British! Dec Jon during

muliplication of matrix muliplication of matrix muliplication alos matrix multiplication and public static void main (string (Jorge) int[][] mot 1=1(1)21,1(5,3) (int () [] mat 2=142,3/14,1) redited the same ducer [2 [] [] this. ton line intitude de des modops torlink j=0,j22,j++1) for that = maticioled + maticioled for (chan chis techanismos)) if Cicharacter is lather endigit lind) system "out printly nat sum="); ton Cint 1=0/122/d+1/metere do fortantizoj, 1 < 2; 1++) system out printing mat sum= 105 15) write saw program to print the following pattern. it: - retarrado daisego 117 parto jana util . Scarre Public class pattern printer Bust out 10 Public static void mainestring [Jargs) 1 Scarrer input := new scarrer (systemin); system. out. print ("Enter ofthe number to be int x=input. root Linter) situate of Liver in). System out prints i max number of times printed: int n= input . rochhollindon dugar on dai tor (int i =1) 1 = 2= 1/21 inth) (dugni = d dni int count = 12= n ?virtnois ini) of system. out. Printh (string value of (x) . propost (count)); Enter Chonumber to be printed, input close (); "tildring. max rumber of times printed

writeton a of program, to print the special charateris included the line? God import java. util scarrer Public velas, special character contary public istatic word for main cating clargely scorner input = row scorner isystem in; system. out. Printen ("Enton a line obtoct:) EDE 15tung 8 = input. northinelling int sp-sittilian "apocial" characters:") for (chan chis tochonorroy)) if (:character.islatter on Digit (ch)) systemiciant Print (ch); metapes Undata Halifa Number of special System. out prienting! characters: 1 sp) I al = mus Jam Output: Enter à Line at tort Héhello du MEI special characters # number of special characters ? 17) write a pragram to print all the composite numbers whether a and is and is import jano util scarron; Public alors composite numbers Public static void main (string[] Jargs) soarron input = new soarron (system.) n int a = input north thinker de go = 1 tri int b=input hort with it is it is it is the start of the tori (int i = art; it by it is the start of the star ((trus) doctory. (x) to endor prints) withing, the metys dating a stratement of surface print (it " "); sel a bujui

Public static boolean is composite unt numbe if (hunc 4) return take; put -for (int i=2; ic = math. squite (num): it) it (num % i = = 0) roturn -true; sotuntale; Array & krises has tropet on Debank I ade c INPUT: 12 19 (about out the 15 16 18 proopone to print the invoted 18 Write Full paramid pattern? mytho import java. util scanner; Public clas Inverted primarid Public static void man (string []orgs) int n=new sooner (system in). routertu; for lint i=n; 1>=hin--)+ splan out print (this rop out In i)); system out printhy (" " repeat (i)); EMPLIE ETOTE ETOTE I Spring [2000] Scorner inforts: the those or 15 to 10 1 int v= Input systeme(1). 1 toot Jui (カケーニングン) はこり、インスののからして 19) Find the mean redian mode of the array of number import jour vist; Public class statistics ! Public static void main (string[]orgo)/ int[] a= (16,18127,16,23,21,19); arrays . sort (a); double men = Arrays. Stream (a) avorage).or ELSE(0); System tout print("rison;"+ moon. doubte radion=(a.length % 2==0)? (ala.length Taca longth (2) (20) as a longth 127;

system. out . printing medien = inclini); riape integer. Integers countrisp - new was non int mode = a [=]; torlint num=a) int count = count rop. rong (num; intogr ib (count > country oft or Debault (radeo)), Soptame out . printil " rada: "I mada); a dinusco Output wally divinory that rearized du over drogen il op of predion: (9.000 state - idage mede: 1600 date oidage entrols were a dai respired the factorial of n? this of import to java util scarrery metas Public class Forto-wolf prospice Public static void main (string = 2 or go) Scarrer input = now scarrer (system. in); int n= input rerettate(); int fact = j for linti=1; iz=n; fact * = i++); System out printtrolh+" Factorial = if acts report jours visit Pulatic class statistics! State vaid [P1.15, EIN, 15, 51, 51, 51) = O[] JA! Toput it autput: 4 Factorial = 24 to co pudir of the