11. write a program for motriz addition? Scanner input = new scanner (system in); mat | [] [] = { { 1,23, {5,3}}; for Cint i=0; iklen; itt) Bor Cint 1=0; ixlen; itt) mat - Slum [i][j] = mat [[j] [j] + mat 2 [i][j]; System. out . print Concat - Sum Eij [j] + "1+"?; System . out. print In (), ( a = 2019/100) 2(1ti; NO) 21 (02) til) 12. bronde a program sactaingle symbol Class sught triangle pattern minte Static Wid main (String args [3) int 1, j. row=6, Bor Ci=0; ixrow; i+t) two motors of street of the confidence of program to program to produce installed surfaces. Supplied Suppli System rout Print ( " myund = bugni 101110) & Other trake begins this System. out. Printinging some signing this (E) I [r] [v] and - C] [] ( tom thi (COJ [17] THI WON = CJEJE LOW THI (File sain of this roj

```
13. write a program that would sort a list of names in
 alphabetics order Asterding or descending choice get for
 that won?
  Stanner input = new scanner Csystem in Ziorporg a stirro 11
  String arr [3 = { "Benang", "Apple", "Carrot", "Radishin Jack"),
  int den = arr-length;
   Char order = in Did . Next () char At (0); [] [] tony to
   is Conder == A)f
         for Cint i=0; ixlen; it + 18 mi= [][] mus - long thi
          for Cint j=i+1; jzavr. length; j++) {
              String temp =arreis;
                arreis =arreisi (10) (0)
               arr [i] =temp;
        System out print in Carrays, to string Commit
         else if Corder == b') ? I will . two.
             for Cirt i=0; i xlen; itt) {
               for Cint 5=1+1115xarr-length ist ) {2011)
               if Carreiz. compare (an tij) 2011
                     String temp = arr til;
                      Circij = arreijiteta
                      an Dig= temp;
                                    ide world it
                              (Ati; work; (0=1) +0
                 System.out. print in (Array tostning(arr));
14. write a program to matrix multiplications?
  Scanner input = new Scanner (system .. in);
       int rainput . next Int () in the resource
       int c=input next Intc);
       int ment 1[] = 1 = mw int [r] [c];
       int mat 2[3[] = new int [7] [c];
        for (int (=0; i x r; i++)
             for (int 1=0, j20; j+4)
```

```
With Highly attract remains con and
        yn ein 100/126/1119 Collect
         mod a 117213 input ness int co;
        IN CHAN ISCS = NOW INT INSTESS TONS &
        for cin 60; (21, 111)
11 (11 11/10 (per Cim 13-6; 325) 1777
            for (IN Ke o; KCC; Ktt)
            Sum [i] Ti3 = Sum Ci3Ti7 + (mat[i3[K] *mat2[K][j];
           System out mint Countil [1] + " (+");
            3. 1904 al Dal print tus appear
 15 · write
            a program to print the following pattern.
 Scanner input = how scanner (system in ) igni +9 min
  System. out print C'ENTER the humber to the printed: 1);
  int h=input. next Int (); The time printed in;
   for (int i=1; ( = n; i+1)
      for (int i=1; j==i;j++)
       System . out- Print caping thing . too. mate &
       System . out . Priva Inco,
      for (int 1=n-1; 1; =1; 1:-)
      for CINT 1=1; 5 <= 1; 114)
        system , out . Print Inc);
```

```
16. write a program to print the special characters
   serverately and print number of special characters into lines
  Scanner imput = now scanner (system in); wil
  String 2 = input next line Co; citier
  int len = s. length c);
   Choot als= how chartlen]; (+1); (>); (=1, In))
    en Sp=0;
     for Cint 1=0; 1 xlen; 1+1)
                                                  EDIEVI THI WAY = EJEJ MW2
      if [a[i]]=65 & a[i]=90110[i], 1=94 & a[i]=12211
                                                    (FZ=1/17 99 84 = <[170
                                        else (1111 ) 22 ) (111) 108 9
CITENTERNATE SOUTH SILTED WAS - ELT (1) MA
                            cilphind mo mosses &
                                                          istal thirty to motel
                             System out print Inc "In to);
 Number between a and b?
     int a sinput input ? hew scanner Co ystem in ) again the
     int a sinput mext Int co;
  int be input next int com not con the contract the most second of the contract the 
        for Cint mi=ati; iz=b; it+); In there. sugar = of Jai
             (0== [11:] &i
                           C++; (A+Grissi 11-i Wi) rot
            if (cx2)
                     System . oct. print Citio Ming - two. notife
                                                                  colul prica, mo. motes
                                                       (--1; 1-1; 1-1; 1:1) rod
                                                                 for Cut 1=1:1=1:119)
                                                     COAL THING. LOS met ?
```

```
18. write a program to print the inverted bull ry ramid
Dottern?
Scanner in Put = new Scanner (system. In);
int @n=input-neatint();
for Cint (=n; 1 >= 1; 1)
   for Cint 1=0; Ikn-i; j'ti? mai trang two and
    system . out - print (" ");
     for Cint K=1; K<=1; K++)
      System -out. Drint (" "A; 1981) : 161 : (hi) :
    Byston out. print In ();
  4
19. Find the Mean, Meadium, mode of the Orray of
 numbers ?
Scanner sinput = new scanner (system. in);
int a E] = {16,18,27,16,23,21,193;
int
    len=a :length;
int sum =0; 1(410 00 kg/2) rear 12 21/4 - 15/11/19/19/10/2
 for Cint i =0, illen; itt) to ton- digni - 11
    Sum=Sum +ati);
                     1411 W. J. W. 1 111 . 1
  int mean = sum (olun;
  System. out. print In L"mean: "+ mean).
   for Cint 120; (Llen; itt)
      for Cint 1=1+1; jllen; j++)
       if cacio xacio)
         int temp=a [];
         ati]=ati];
         QIjJ= temp;
      for Cint 1-0; illen; itt)
     { it (lan 7.2=20)
          int mid = lun /2;
```

```
System out Print (" mediam: "+a [mid-1]);
   break;
  else.
    int mid= (len+1)/2;
    System · out · prival (mid);
     System.out. print In ("median: " a cmid-17);
     break,
  for Cint i = 0; ixlen; i+t)
     for Cird i = atl; 121en; 1977 Thirt was make
      if (a[1] == a[1])
      System. out. Drivt In ( mode: "ta [i] );
       क्षेत्रकार ।
       preak;
20. Find the factorial of m?
Scanner in Put = new Scanner (System.in);
       int n = input . next Int (); i (1) [1]
       int
             fact =1;
        for Cint 1=1; 12=n; 1++)
        System . out . Print Cfact);
                       (this melli: 111 1 bit)
```