```
Entra programs +
```

```
. Empart java. util Scanner j
public das Math
   public static naid main (Strong augs[])
      Scanner 82 new Scanner (System. On);
       out i, j;
      Lystom. out. peontin (" Enter number of rous!");
       ont m= 3, nextlnt();
       Lystem. aut. proten la Enter number of columns: ");
         Out n= 8, nextInt();
         out away [][] = new out [m], [n];
         System, aut- prontln( " Enter matrox: ");
          for (0=0; (cm; 8++)
             for (j=0; fcn; j++)
             array [8] [8] = 8. northnt ()5
           System. aut. partln C4 Ancabane matrix before
                                   Transpose is ");
           for (820; Ecm; E++)
             Sor(g=03 gen; g+t)
           System. aut. poorten ( away [t] [j]+ " ");
```

```
System. out. paontin (" ");
System. aut. Prostln (" Ane abaue matrox after Transpose is");
 for (8=0; Ecn; E++)
     for (j=0; j<m;g++)
      Lystem. aut. prost (caray [9][i]+"");
     Lystem. aut, puntin (" ");
  Emparet java. Util. Scanner;
  class voice Demo ?
       double radius;
        double area;
       obuble peroneter;
       , word accept ()
         Scenner XX = new Scenner (System. In);
         System. aut. prontin (" Enter radaus");
         radius = xx. next Dauble ();
        z
        double arl)
          area = 3.14 × radius * radius;
           return area;
```

2]

```
double pm ()
  hold display()
     System. aut prontin (" Area of the corde & " + area);
    System. aut. pasitin (4 Posonetes of the corcle is 4 perondo).
   claus Muss &
     Rubile State nold main (Strong 88 []) &
       Code Demo C12 new Code Demo ();
        c1. accept ();
        (1.as();
        C1, pm();
       (C1 display();
   Emport java. utll. Scenner;
     class Actor &
      ant id;
      Strong name;
     ant no-d-movees;
     Out no-q-years-exp;
     double ang-performance;
     Stutic String highest - name;
      vaid a a eyot ()
```

```
Scanney XX = new Scanner (System ish);
System. aut. prontin ( " Enterador Ed");
  Ed = xx.nextlnt();
  System. aut pronten (" Enter actor norme-");
  name = xx. next();
  System. aut pronten l'é enter no-d-monies ").
   no- of - maules = xx, nextInt()
   System. aut prouten en Enter number of years of superience ");
   no-di-exp=xx.nextent();
double angle)
       -performance = no-q-montes /no-q-years-exp;
   Return ang-performance;
daus Marn E
public state noted main ( Strong asgs[]) &
 Scanner XX2 new Scenner (System. On);
 double highest 20%
 System. aut. poorten (" Enter number of actors - ");
  Out n2xx.nextlut();
 Actor a [] = new Actor [n];
 for cont ? 20; Ecn; Ott).
    alt]=new Actor ();
    altiaccept (1)
    .aceJ.oug ();
     of (a [f]. ang () > neglest)
```

```
highest = alt].aug ();
  Actor. highest_name = a[i], name;
Bystem. Out pronten C" Actor with nighest expertence is "+ Actor
  daus Mars &
   public static until mater (Strong 88[]) {
     double [] a= new double Ess.length];
     for Cont iz 0; & As. length ; i++) &
       all = Dauble. parseDauble (58 [8]);
      Lystem. aut, printh (" ariginal away; ");
       for (out 820; (calength; 8++)
        System. aut. prontln (alE] + " ");
       System. aut . partin();
       dauble terrip=0.0;
       for Cont = 20; Eca. length, i++)&
        Sor ( that g = 0; g < a. length , g++) &
         q (a[g]>a[g+1]) {
         temp = a [g];
         alg) = alj+1);
          a [j+1] = temp;
```

```
Bystem. aut . prontin ( a Sorted array : ");
     for Cont 120; Eca. length; E++) E
      System. out . pronten (a li]+ " ");
    ampast gava. util. Scumer;
5)
     das Array Maone
     public state noted mass (Strong SS[]) C
     gearmer 82 new Scanner (Lystem in);
    System aut pronten (" Enter number of elements: ");
     Out n2 8. nextent();
     But E;
    Ort- prognezo, 220;
    dante full [] 2 new dauble [n];
     double pos [] 2 new double [n];
     double neg []2 new double [n];
      Bystem. aut. paortin (" Enter away elements: ");
      for (0=0; Ecn; EH)
      Lul [0] = 8, next Dauble () ]
      for (E20; Ezn; itt)
        pos[PJ= full [E];
```

```
else if (fun [F]==0)
 else
 neg [ne] = ful [];
 ne++;
Lystem. aut. prontin (" posti ve elements array: ");
for (c= 0; Exp; O++)
System. aut. part ( pos [ E)+ u
  System, aut. poorth ();
 Lystem. aut, paorten c'e vegatire elements aray: ")-
  for (Ezo; Ecne; itt).
   Lystem. aut . jært (neg [E]+ " n);
   System. aut prontin();
   System. aut, proster (" rod postive number
   Eystem. aut. pronten (" No. of zero elemente: "+z);
    Bystem. aut proten (" No. of negative eliments: "+ne);
```

```
anpost gava, will, Scanner;
dass count Mar E
 public static hold main (Strong ages [])
   ort i, vamels=0, was orants = 0, spaces =0;
   Sammer 80 new Scarmer (System, on);
  System, aut, peantin (a Euter Sentence 1);
   String 8= Scinextline ();
    chae Str []= 8. to Chae Array[);
    ant no str. length;
      for (120; Ecn; (++)
   Q ( Str [[]== a' || Str [[]=='e' || Ktr [[]=='i' || Str [[]=='o'||
      84 [D=='WI Str [E]== A' | Str [E]== E' | Str [C]== [] 17
         8tr [E)==0 | | Str [E]=='U')
   Z
      namels++;
    ese & (81 (E) >= 'd' ff str (E) <= 'z) | (8tr [c] > 2 A' Ff
                                             Str [1] <= 'z' ])
      consonants ++;
     esse of (Str 1872=1)
      spaces++; y
    System. aut. protln (" nomels = "+ nomels);
    Bystem. but, provident" Consonant = "+ wonsorants );
    System aut , parten (" write spaces = 4+8 paces);
```