```
29-09-2020
                         EXTRA PROGRAMS
 PROGRAM-1
    Emport gava. util. Scanner;
     public class Mass
        public Static used main ( Strong [] args)
            Ent n, sum E = 0, sum O = 0;
             Scanners = new Scanner (System. 8n);
            System. aux. prent (" Enter the number of elements on areay: "");
             nz g. next Cut ();
             ort []az new ort [n];
             System aut pronth (" Enter the elements of the array; ");
             for Cont 820; 82n; 8++).
               ale) = s. nextlnt ();
             for Cont & 0; & n; E++)
                of (ale).1. 2=0)
                    Sum E = Sum E + a [ 2];
                 3
                  else
                    bumo 2 bum 0+ a[8);
```

```
System, aut, pronten ("Sum of Even Mumbers: " + sum E);
       System. aut. prouter (" Sum of Odd Mumbers: "+ Sum 0);
PROGRAM--2
 Empart Java. utll. Sconner;
  public class Mass
      Public Statte noted man (Strong args[])
              11 ontifaltre and declaring the objects &.
              Out n, posotore = 0, negative = 0, zero= 0, 2;
              Out arr [] = new out [50];
              Scanner Lan 2 new Scanner ( System, &);
              Il enter rumber you have to enter,
              System. aut. pront (" How many Number you want
                                  to Enter: ");
               n2 Scan, nextln+ ();
             Il enter the numbers.
               Lystem aut, prenter L'a Enter 4 +n+ " rumber : ");
             If this is to calculate the type of the number.
              for (120; izn; E++)
```

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arr [0] = scan. nextln ();
 for ( (20, 8=n; 8++)
  4 (an(1) 20)
  ese y (ar (E) == 0)
  Zerott;
  else
   posetive+;
 Il pant all tre, -ve and zero number.
Eystem. aut. pront (" Posstive Munibers are: " + posstive);
Lystem. Out. pront ("In Negative Numbers are: "+negative);
System. aut. prontl "In Zeros are: " + zero);
```

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PROGRAM --- 3
 Emport gava, util. Scanner;
 public class Main [
     public Statte noid main ( Strong [] orgs) ?
          Scanner SC = new Scanner (System . 8n);
          System. aut. pronton (" Enter the number of Etems ;");
           Out no scineatint ();
           double ordTot, tot = 0;
            double [] rpt = new double [n];
            Out [] quant = new out [n];
             for (Out & 2 0; En; 9++) 8
             System. aut. pronten L" enter quantity of purchase and
                                 Rate per Etem for Etem 4 + (E+1)
               out 92 sc. nextlnt ();
                double 72 8c. next Double ();
                quant (0 = 9;
                 rp[127;
                for lont &2 0; Ecn; E++) S
                  ond Tot = quant (8) * rpe(8);
                    bot + = End Tot;
                 El (bot > 2 100000) {
                   System, aut. peontle Cu Assaunt = 3%.
                        Total bell= 4 + tot + " Descarated bell
                           2 " + (tot-tot * 0.03));
```

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else of (bots = 50009) {
   System. aut. peartle La Designat = Q.J. Total bell = 4+ tot + 4
                     Descumted bolls 4+ (tot-totx 0.02));
   else {
     System aut peortle 14 No descount . Total boll= 4+ tot);
PROGRAM -- 4
 Emport Java rutil, Scenmer;
  public class Maion &
    public static noted man ( Strong [] ougs ) {
       Ort n, 920, 120, 8um 20, aug, max, mon;
      Scanner 82 new Scanner (System. En);
     Lystem, aut. prost ("Enter the number of elements & askay: ");
       n= 8, nextInt ();
        out & a = new out [n];
        Out O bz new Out [n];
        Out [] c = new out [n];
        System, aut prontln (" Enter the elements of the away: ");
         for (out 820; Exn; E++) &
           all] = g. next int ();
          for lost & zo; & zn; E++) &
              ef (ale).1.2== 0) {

clg) = ale);

sum = ale);
```

```
9++;
3 else E
  6[B] = a[E];
  k++;
11 aug 2 sum 19;
  max= cloj;
  mon = [[0];
  for (out is 0; ixj; {++)}
      of (CEE) 7 max) {
         max = ([8];
       g ((12) × mon) {
            mon = [[];
     Lytem. aut, pearter ( 4 For the even array sum & 4 + 8 mm + 4
        anelage est (sum/g)+" maxomum & 4 max+ 11 monomum
          & u+man);
```