I lost determines umpout java. util. Scanner;
public class Main ? public static void nair (bling augs 1) { double second Poot = 0, just Doot = 0; Slanner Sc = new fysken out. printer l'Enter the value of a::"); france (Suptem. in); double a = Sc. next Double (); System. out. println l'Enter the value of b::"/; double b = Sc. rest Double (); fystem.out.print In ("Enter the value of c::"); double 1=Sc. next double (); double determinant = (b*b)-(4*a*c); double Sart = math. Sgrt (determinant); if (determinant > 0) { first foot = (-b + Sgrt)/(2*a); Selond foot = (-b+ Sart)/(2*a); Jystem.out. Println ("Doots are: "+ justilort +"ourol' + fe und lost);

Jelset (déterminant ==6) [Systm-out. Println ("Doot: "+ double record Dort : 0, field Liert = 0; Samer se = new se same) se same se sam Eysten out juinter l'Ester the value of a duble a = Sc. next Double (1) Exten out , printed "Enter the value of b :: " double b = St. Mart Builler); est prot he "Enter the refer of c::" double 1.8. nest double [1] dulle determinant - (b+b) - (4+a+d); duckle state :

```
Dumpout Java .io; ";
```

```
class Main f
      public stake void main (storing ways II)
            unt arr 1 = & 1, 2, 3, 4,5,6},
            unt even = 0, oold = 0;
         11 Loop to find even , odd sum
         for ( wit i= 0; iz arr, length, i++) {
              It (i/, 2 == 0)
                  even + - arr[i];
                 Add + = arr[i];
           system. out. Print In ("Even
```

```
Public Class Main
Public static void main (string [ args)
       eint number = 12;
        if (number >0)
          system, out , print In (number +" is a
           positive number");
          the mosters, out.
            elde if (number 20)
               obystem. out. Printh (number +" is a
                negative number ? ?;
             4
             else
                system - out . print In (runber + "is
                         neights positive nor negative");
                4
              N
             output: 12 is a possitive number.
```

```
unport juva until scanner;
public class bill &
public static void mais ( Thing [] args)
 Blanner sc = new Scanner ( Bystem in);
bystem. out. println ("Enter the no of i tems:");
 unt n = 3 cred unt ();
 clouble int tot, tot = 0;
 double [] vyri = new double [n];
 cont [ ] quant = new int [n];
 for [ unt i=0; iZn', i++) 5
 system out recent In C'enter quantity of
     purchase and viate per item for
    ilem" + (i+1));
   unt q = isc. next Int ();
  double u = sc. next Louble 1),
quant [i] = 91;
    supi [i] = si;
     for (unt)=0; incn; i+1) of
     und Tot = quant [i] x ospi[i];
      tot t = und Tot;
```

```
if (tot) = 10000) {
bystem out . printle (Dispunt = 51. 106/bill =
      T tol+ "Discount bil = " + [fot -tot ro.or]
 due if (tot 7 = 7500)
  System. out peintln 1" Dislaunt = 31. Total bil =
               " + Jot+" Disburted bill = "+ (tot
      elbeit ( tot > =5000) {
     system. out. print In ("Dislount = 21. yotal bill.
           + tot + "Discounts bil="+ (tot-tot x 0.00
      system out. penint en ("No discount. Joselsil ="+
         Jot);
```

```
umpout java until boanner;
public "class odd - even - averay &
 unit 1e, j=0, b=0, bum=0, avg, max,min,
scarners = new scarner ( system · in );
 system o out point l'Entr othe number of
 elements in away"1;
  n = 5. rest wit ();
unt [] a = new unt [n];
 unt [] b = new unt [n];
 unt [] c = new unt[n];
 system. out. printh l'Entr the elements of the
  array");
   for (unt i = 0; i cn, i++) {
   1/ (O[i] 1.2 == 0) [
          ([f]=a[i],
          else {
          b[b]=a[i]',
          b++;
       Morg: Sum (j);
        man = ([o];
        min = [[0];
```

for lunt ii. 0: i2J, i++) of $[(Ci)] \geq man) \{$ man = (Ci); of [cci]zmin){ min = c[i]', bush is + sum + "average "+ (dsum +);"

Leminimum is "+ min) manimum is + mon + minimum is "+ min)

```
How many Number you want to Enter: 5
Enter 5 Numbers:
0
20
-30
-2
4
Positive Numbers are: 2
Negative Numbers are: 2
Zeros are: 1
...Program finished with exit code 0
Press ENTER to exit console.
```

```
P Run (O Debug: M Stop (2) Share M Save
 b
                                                                                                                                                                   Language Javar
Main.java
                     for(int i = 0; ixn; i++){
    System.out.println("enter quantity of purchase and rate per item for item"+(i+1));
    int q = sc.nextInt();
    double r = sc.nextDouble();
    quant[i] = q;
    rpi[i] = r;
  12
 13
14
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 16
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29
30
31
32
33
34
35
                    for(int i = 0; i<n; i++){
  indTot = quant[i] * rpi[i];
  tot += indTot;</pre>
                    if (tot >= 10000) {
    System.out.println("Discount = 5%. Total bill = " + tot + " Discounted bill = " + (tot - tot * 0.05));
                    else if (tot >= 7500) {
    System.out.println("Discount = 3%. Total bill = " + tot + " Discounted bill = " + (tot - tot * 0.03));
                     else if (tot >= 5000) {
   System.out.println("Discount = 2%. Total bill = " + tot + " Discounted bill = " + (tot - tot * 0.02));
                    }
else{
                           System.out.println(" No discount. Total bill = " + tot );
  36
 37
38
              1
```

```
int n, sumE = 0, sumO = 0;
Scanner = = new Scanner(System.in);
System.out.print("Enter the number of elements in array:");
n = s.nextInt();
int[] a = new int[n];
System.out.println("Enter the elements of the array:");
for(int i = 0; i < n; i++)
{
    a[i] = s.nextInt();
}
for(int i = 0; i < n; i++)
{
    if(a[i] % 2 == 0)
    {
        sumE = sumE + a[i];
    }
    else
    {
        sumO = sumO + a[i];
    }
System.out.println("Sum of Even Numbers:"+sumE);
System.out.println("Sum of Odd Numbers:"+sumO);
}
</pre>
```

```
Sinter the number of items:

3 center quantity of purchase and rate per item for item1 200 300 center quantity of purchase and rate per item for item2 3000 100 center quantity of purchase and rate per item for item3 2000 100 center quantity of purchase and rate per item for item3 2000 100 center quantity of purchase and rate per item for item3 2000 100 center quantity of purchase and rate per item for item3 2000 100 center quantity of purchase and rate per item for item3 2000 100 center quantity of purchase and rate per item for item3 2000 100 center quantity of purchase and rate per item for item3 2000 100 center quantity of purchase and rate per item for item3 2000 100 center quantity of purchase and rate per item for item3 2000 100 center quantity of purchase and rate per item for item3 2000 100 center quantity of purchase and rate per item for item3 2000 100 center quantity of purchase and rate per item for item3 2000 100 center quantity of purchase and rate per item for item3 2000 100 center quantity of purchase and rate per item for item3 2000 100 center quantity of purchase and rate per item for item3 2000 100 center quantity of purchase and rate per item for item3 2000 100 center quantity of purchase and rate per item for item3 2000 100 center quantity of purchase and rate per item for item3 2000 100 center quantity of purchase and rate per item for item3 2000 100 center quantity of purchase and rate per item for item3 2000 100 center quantity of purchase and rate per item for item3 2000 100 center quantity of purchase and rate per item for item3 2000 100 center quantity of purchase and rate per item for item3 2000 100 center quantity of purchase and rate per item for item3 2000 100 center quantity of purchase and rate per item for item3 2000 100 center quantity of purchase and rate per item for item3 2000 100 center quantity of purchase and rate per item for item3 2000 100 center quantity of purchase and rate per item for item3 2000 100 center quantity of purchase and rate per item for item3 2000 100 c
```

```
4
                       System.out.println("Enter the number of items:");
int n = sc.nextInt();
double indTot, tot = 0;
double[] rpi = new double[n];
int[] quant = new int[n];
for(int i = 0; i<n; i++){
    System.out.println("enter quantity of purchase and rate per item for item"+(i+1));
    int q = sc.nextInt();
    double r = sc.nextDouble();
    quant[i] = q;
    rpi[i] = r;
}</pre>
  8
  9
10
11
12 -
13
14
16
17
18
19
                       }
for(int i = 0; i<n; i++){
   indTot = quant[i] * rpi[i];
   tot += indTot;</pre>
20
21
22
23
24
                       }
if (tot >= 10000) {
    System.out.println("Discount = 5%. Total bill = " + tot + " Discounted bill = " + (tot - tot * 0.05));
25
26
```

import java.util.Scanner;

```
Enter the number of elements in array:5

Enter the elements of the array:
5
6
7
8
9
Sum of Even Numbers:14
Sum of Odd Numbers:21

...Program finished with exit code 0
Press ENTER to exit console.
```

```
Enter the number of elements in array:5
Enter the elements of the array:
20
1
2
56
78
For the even array sum is 156 average is 39 maximum is 78 minimum is 2
...Program finished with exit code 0
Press ENTER to exit console.
```

input