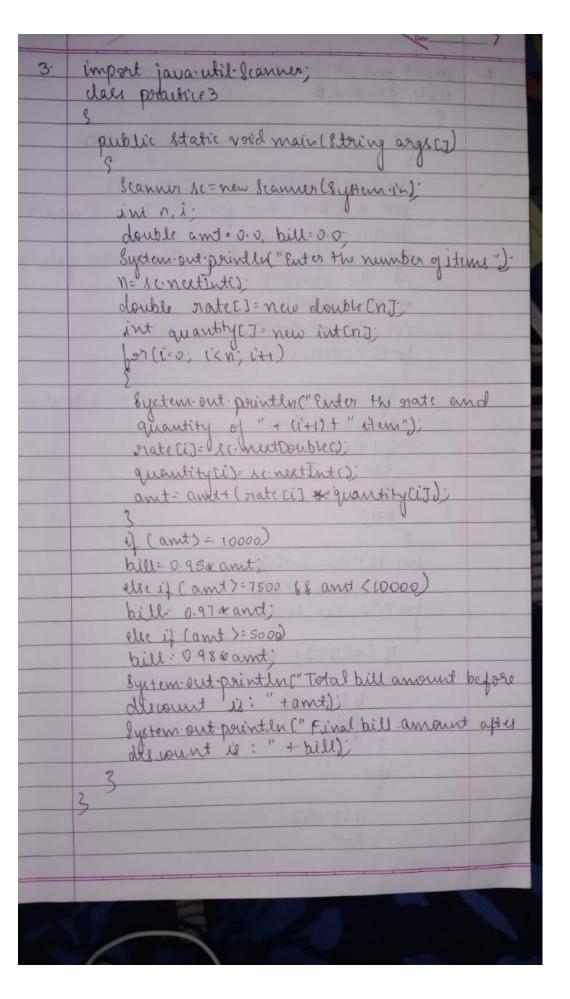
Extra programs. I import java util·leanner; class practice! Subblic Static void main (String argecs) Seanner sc= new Seanner (system in); int n.l. se=0, so=0; Systemout println ("Enter the number of climents to be entered in the array"); n= hi nutint(); int ariJ=num int[n]; lor(i=0; ikn;i++) System-out println ("Enter the" + ci+n+" eliment, astci]= hi nextint(); 3 for (i=0; ikn;i++) if (i'-2=0) A=set ariij; else A=set ariij; else A=set ariij; A=	1	
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System-out println("Enter the" + ai+1) + "eliment, asocid= &c nextlnt(); 3 for (i=0; i <n; "+se);<="" &9="s0" &e="se+ariij;" (i' -2="=0)" +="" 3="" asicij;="" else="" even="" i++)="" if="" indicer="" its:="" of="" sum="" system-out-println("the="" th=""><th></th><th>M: M: Mit Int()</th></n;>		M: M: Mit Int()
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if (i'f-2==0) Ae=get-artij; else A9=30 + antij; 3 System.out.privtln("The sum of even indicer is: "+ se);		3
if (i'f-2==0) Ae=get-artij; else A9=30 + antij; 3 System.out.privtln("The sum of even indicer is: "+ se);		for (i=0; i <n; i++)<="" th=""></n;>
else 89=80 + 001[i]; 3 System out println(" The sum of even indicer is: 1" + 80);		<u> </u>
else 19=20 + 001[i]; 3 System out println(" The sum of even indicer is:		i (i'/-2 == 0)
3 System out println(" The sum of even indicer is: ("+88);		resetarcij;
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- 3	-	- 5
3		3
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4-	import java-ubil·scanner
	date practicité
	E - Mi Alimaid main (0-Anima Angg (7)
	public static void main (litring args CI)
	Scanner & c= new & canner (& ystem.in);
	int n, i, 0=0, e=0, j=0, k=0, sum=0, mex, min
Taril 1	double and:
LT too	Syxtem-out-parintln("Enter the number of eliming in the array");
	n=8cnextInt()
	int a Et new int (60);
	for (i=0; ikn; i++)
	\$
-	System-out-pointln(" Enter the " + (i+1)+ "eliment"
	a Eij = so next Int();
	V) (acid'/22=0)
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max= cco]; min: CEOJ; Lor Ci= 0; ixe; i+1) Sum- sum + CCi); if (min > cas) min &= ccij elle if c max < ccid) max = cli]; ang = (double) (sum/e); Eysten - out-pointln ("Maximum of array (is. System out-pointen ("Sum of array c is! "+sum).
System out-printen ("Average of arrayc is: "+aug);

```
import java.util.Scanner;
class practice1
{
  public static void main(String args[])
  {
    Scanner sc=new Scanner(System.in);
    int n,i,se=0,so=0;
    System.out.println("Enter the number of elements to be entered in the array");
    n=sc.nextInt();
    int ar[]=new int[n];
    for(i=0;i<n;i++)
    {
      System.out.println("Enter the "+(i+1)+" element");
      ar[i]=sc.nextInt();
    }
    for(i=0;i<n;i++)
    {
      if(i%2==0)
      se=se+ar[i];
      else
      so=so+ar[i];
    }
    System.out.println("The sum of even indices is: "+se);
    System.out.println("The sum of odd indices is: "+so);
  }
}
```

```
C:\Users\Adithi\Desktop\java_prgs>javac practice1.java
C:\Users\Adithi\Desktop\java_prgs>java practice1
Enter the number of elements to be entered in the array
Enter the 1 element
Enter the 2 element
Enter the 3 element
Enter the 4 element
Enter the 5 element
The sum of even indices is: 16
The sum of odd indices is: 9
C:\Users\Adithi\Desktop\java prgs>
import java.util.Scanner;
class practice2
{
  public static void main(String args[])
  {
    Scanner sc=new Scanner(System.in);
    int n,i,p=0,neg=0,z=0;
    System.out.println("Enter the number of elements to be entered in the array");
    n=sc.nextInt();
    int ar[]=new int[n];
    for(i=0;i<n;i++)
    {
      System.out.println("Enter the "+(i+1)+" element");
      ar[i]=sc.nextInt();
    }
    for(i=0;i<n;i++)
    {
      if(ar[i]>0)
      p++;
```

```
else if(ar[i]==0)
      Z++;
      else if(ar[i]<0)
      neg++;
    }
    System.out.println("The number of negative numbers is: "+neg);
    System.out.println("The number of zeros is: "+z);
    System.out.println("The number of positive numbers is: "+p);
  }
}
C:\Users\Adithi\Desktop\java_prgs>java practice2
Enter the number of elements to be entered in the array
Enter the 1 element
Enter the 2 element
Enter the 3 element
 -6
Enter the 4 element
Enter the 5 element
Enter the 6 element
The number of negative numbers is: 2
The number of zeros numbers is: 2
The number of positive numbers is: 2
C:\Users\Adithi\Desktop\java_prgs>
import java.util.Scanner;
class practice3
{
  public static void main(String args[])
  {
    Scanner sc=new Scanner(System.in);
    int n,i;
    double amt=0.0,bill=0.0;
    System.out.println("Enter the number of items");
    n=sc.nextInt();
```

```
double rate[]=new double[n];
    int quantity[]=new int[n];
    for(i=0;i<n;i++)
    {
      System.out.println("Enter the rate and quantity of "+(i+1)+" item");
      rate[i]=sc.nextDouble();
      quantity[i]=sc.nextInt();
      amt=amt+(rate[i]*quantity[i]);
    }
    if(amt>=10000)
    bill=0.95*amt;
    else if(amt>=7500 && amt<10000)
    bill=0.97*amt;
    else if(amt>=5000)
    bill=0.98*amt;
    System.out.println("Total bill amount before discount is: "+amt);
    System.out.println("Final bill amount after discount is: "+bill);
  }
}
C:\Users\Adithi\Desktop\java_prgs>java practice3
Enter the number of items
Enter the rate and quantity of 1 item
4000
Enter the rate and quantity of 2 item
Enter the rate and quantity of 3 item
Enter the rate and quantity of 4 item
Total bill amount before discount is: 10000.0
Final bill amount after discount is: 9500.0
C:\Users\Adithi\Desktop\java_prgs>
```

import java.util.Scanner;

```
class practice4
{
  public static void main(String args[])
  {
    Scanner sc=new Scanner(System.in);
    int n,i,o=0,e=0,j=0,k=0,sum=0,max,min;
    double avg;
    System.out.println("Enter the number of elements to be entered in the array");
    n=sc.nextInt();
    int a[]=new int[n];
    for(i=0;i<n;i++)
    {
      System.out.println("Enter the "+(i+1)+" element");
      a[i]=sc.nextInt();
      if(a[i]%2==0)
      e++;
      else
      0++;
    }
    int b[]=new int[o];
    int c[]=new int[e];
    for(i=0;i<n;i++)
    {
      if(a[i]%2!=0)
      {
         b[j]=a[i];
         j++;
      }
      else
      {
         c[k]=a[i];
```

```
k++;
      }
    }
    max=c[0];
    min=c[0];
    for(i=0;i<e;i++)
    {
      sum=sum+c[i];
      if(min>c[i])
      min=c[i];
      else if(max<c[i])
      max=c[i];
    }
    avg=(double)sum/e;
    System.out.println("Maximum of array c is:"+max);
    System.out.println("Minimum of array c is:"+min);
    System.out.println("Sum of array c is:"+sum);
    System.out.println("Average of array c is:"+avg);
  }
}
C:\Users\Adithi\Desktop\java_prgs>java practice4
Enter the number of elements to be entered in the array
Enter the 1 element
Enter the 2 element
Enter the 3 element
Enter the 4 element
Maximum of array c is:6
Minimum of array c is:2
Sum of array c is:8
Average of array c is:4.0
C:\Users\Adithi\Desktop\java_prgs>
```