```java
//Even Odd Sum
import java.util.*;
class Series{
    public static void main(String args[]){
        Scanner in=new Scanner(System.in);
        int n,a[],sum=0,sumc=0;
        System.out.println("Enter the number of elements to be present in the array : ");
        n=in.nextInt();
        a=new int[n];
        System.out.println("Enter the indices : ");
        for(int i=0;i<n;i++){
            a[i]=in.nextInt();
        }
        for(int i=0;i<n;i++){
            if(a[i]%2==0){
                sum=a[i]+sum;
            }
            else if(a[i]%2!=0){
                sumc=a[i]+sumc;
            }
        }
        System.out.println("Even indices sum is : "+sum+" and odd indices sum is : "+sumc);
    }
}
```

```
Command Prompt

C:\Users\Shreshtha Aggarwal\Desktop\java>javac Series.java

C:\Users\Shreshtha Aggarwal\Desktop\java>java Series
Enter the number of elements to be present in the array :
5
Enter the indices :
1
21
46
78
3
Even indices sum is : 124 and odd indices sum is : 25
```

```java
//number of postive,negative and zeroes
import java.util.*;
class Series{
    public static void main(String args[]){
        Scanner in=new Scanner(System.in);
        int n,a[],l=0,j=0,k=0;
        System.out.println("Enter the number of elements to be present in the array : ");
        n=in.nextInt();
        a=new int[n];
        System.out.println("Enter the indices : ");
        for(int i=0;i<n;i++){
            a[i]=in.nextInt();
        }
        for(int i=0;i<n;i++){
            if(a[i]>0){
                l++;
            }
            else if(a[i]<0){
                j++;
            }
            else if(a[i]==0){
                k++;
            }
        }
        System.out.println("Number of postive numbers : "+l+"\nNumber of negative numbers : "+j+"\nNumber of zeroes : "+k);
    }
}
```

```
C:\Users\Shreshtha Aggarwal\Desktop\java>javac Series.java

C:\Users\Shreshtha Aggarwal\Desktop\java>java Series
Enter the number of elements to be present in the array :
5
Enter the indices :
12
-98
34
-1
0
Number of postive numbers : 2
Number of negative numbers : 2
Number of zeroes : 1
```

```java
//SuperMarket Bill
import java.util.*;
class Series{
    public static void main(String args[]){
        Scanner in=new Scanner(System.in);
        int x,q[];
        double p[],tb=0,fb=0;
        System.out.println("Enter the number of items bought : ");
        x=in.nextInt();
        p=new double[x];
        q=new int[x];
        System.out.println("Enter quantity and per rate of the item(s) : ");
        for(int i=0;i<x;i++){
            System.out.println("Enter details of item "+(i+1)+" : ");
            System.out.printf("Quantity : ");
            q[i]=in.nextInt();
            System.out.printf("Rate per item : ");
            p[i]=in.nextDouble();
            tb=p[i]*q[i]+tb;
        }
        if(tb>=10000)
            fb=tb*0.95;
        else if(tb>=7500)
            fb=tb*0.97;
        else if(tb>=5000)
            fb=tb*0.98;
        else
            fb=tb;
        System.out.println("Total Bill: "+tb+"\nFinal Bill :"+fb);
    }
}
```

```
C:\Users\Shreshtha Aggarwal\Desktop\java>javac Series.java

C:\Users\Shreshtha Aggarwal\Desktop\java>java Series
Enter the number of items bought :
3
Enter quantity and per rate of the item(s) :
Enter details of item 1 :
Quantity : 10
Rate per item : 1000
Enter details of item 2 :
Quantity : 3
Rate per item : 456
Enter details of item 3 :
Quantity : 2
Rate per item : 100
Total Bill: 11568.0
Final Bill :10989.6
```

```java
//Sum,Avg,Min,Max of even array
import java.util.*;
class Series{
    public static void main(String args[]){
        Scanner in=new Scanner(System.in);
        int n,a[],b[],c[],sum=0,min=0,max=0,q=0,j=0;
        float avg=0;
        System.out.println("Enter the number of elements to be present in the array : ");
        n=in.nextInt();
        a=new int[n];
        b=new int[n];
        c=new int[n];
        System.out.println("Enter the elements : ");
        for(int i=0;i<n;i++){
            a[i]=in.nextInt();
        }
        for(int i=0;i<n;i++){
            if(a[i]%2==0){
                c[j]=a[i];
                sum=c[j]+sum;
                j++;
            }
            else if(a[q]%2!=0){
                b[q]=a[i];
                q++;
            }
        }
        max=c[0];
        min=c[0];
        for(int i=1;i<j;i++){
            if(max<c[i]){
                max=c[i];
            }
            else if(c[i]<min){
                min=c[i];
            }
        }
        avg=sum/(float)j;
        System.out.printf("In C (group of even numbers): \nSum :"+sum+"\nAverage : "+avg+"\nMax number : "+max+"\nMin number : "+min);
    }
}
```

```
Command Prompt

C:\Users\Shreshtha Aggarwal\Desktop\java>javac Series.java

C:\Users\Shreshtha Aggarwal\Desktop\java>java Series
Enter the number of elements to be present in the array :
4
Enter the elements :
13
8
96
54
In C (group of even numbers):
Sum :158
Average : 52.666668
Max number : 96
Min number : 8
C:\Users\Shreshtha Aggarwal\Desktop\java>_
```