```
Ans 1:-
import java.util.Scanner;
class Testj {
  public static void main(String[] args) {
    Scanner sc=new Scanner(System.in);
    System.out.println("Enter the size of arrays");
    int n=sc.nextInt();
    int s1=0,s2=0;
    int[] arr=new int[n];
    for(int i=0;i<n;i++){
      System.out.println("Enter the value of element");
      arr[i]=sc.nextInt();
      if(i%2==0){
         s1+=arr[i];
      }else{
         s2+=arr[i];
      }
    }
    System.out.println("The sum of even indices:"+s1+"\nThe sum of odd indices:"+s2);\\
  }
}
```

WEFK 3 Entra Sustians

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class Test; (

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System. out printly ("Enter the sixt of arrays");

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ant s = 0, s = 0;

aint [] arr = now ait [n];

for [int i = 0, i < n; i+) {

System out printly ("Enter the value");

arr [i] = se. ment sut (1;

if [(%2 = -0) {

s | + = arr [i];

3 else {

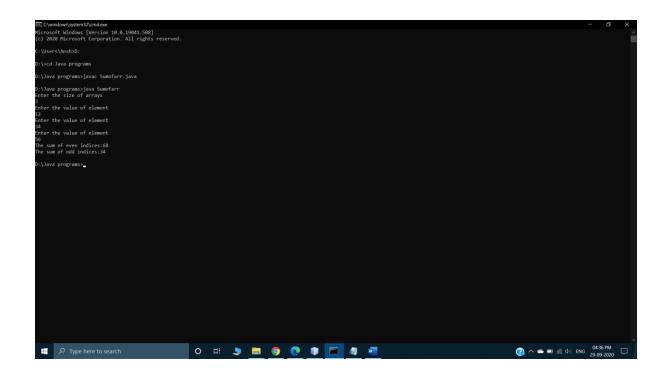
s 2 + = arr [i];

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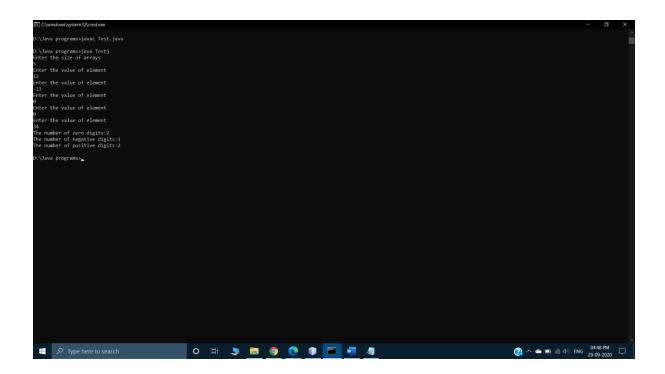
```
Ans 2:-
import java.util.Scanner;
class Testj {
```

```
public static void main(String[] args) {
    Scanner sc=new Scanner(System.in);
    System.out.println("Enter the size of arrays");
    int n=sc.nextInt();
    int c1=0,c2=0,c3=0;
    int[] arr=new int[n];
    for(int i=0;i<n;i++){
        System.out.println("Enter the value of element");
        arr[i]=sc.nextInt();
        if(arr[i]==0){
            c1++;
        }else if(arr[i]<0){
            c2++;
        }</pre>
```

```
}else{
     c3++;
}

System.out.println("The number of zero digits:"+c1+"\nThe number of negative digits:"+c2+"\nThe number of positive digits:"+c3);
}
```

वा वा वा वा वा वा वा dus2 unfost java util learner; class testi (public tatic used main (thing & 3 args) (Learner 61 = new learner (Lydon in), Lystern. out puntler ("Enter size of arrays:"); aut n = sc. mentfut(); 0 unt 11-0; (2=0; 13=0; unt [] are = new and [n]; pr (int 1 = 0; (4 n; 1+1) 1 Lysten out printly 1" Enter the value of decreat"), wer [i] - se went gut (1) uf (arr [13 = = 0) (C ++ ; 3 else if [arrsi] <0) (2++; 3 else (c3++ क कि कि कि कि वा वा Lystem out premeller (" The number of zero digits"+ c1+ "The sumber of magitive digits: "+ c2+ 0 3 13 0 0 9

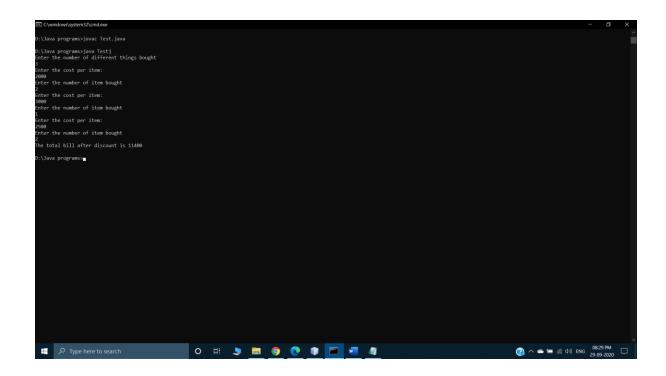


```
Ans 3:-
import java.util.Scanner;
class Testj {
```

```
public static void main(String[] args) {
    Scanner sc=new Scanner(System.in);
    int i,j,total = 0;
    System.out.println("Enter the number of different things bought");
    int n=sc.nextInt();
    int[] a1=new int[n];
    int[] a2=new int[n];
    for(i=0;i<n;i++){
        System.out.println("Enter the cost per item:");
        int cost=sc.nextInt();
    }
}</pre>
```

```
a1[i]=cost;
       j=i;
       System.out.println("Enter the number of item bought");
       int num=sc.nextInt();
       a2[j]=num;
       total+=a1[i]*a2[j];
    }
    int t=0;
    if(total>=10000){
       t=total-((5*total)/100);
    }else if(total>=7500 && total<10000){
       t=total-((3*total)/100);
    }else if(total>=5000 && total<7500){
       t=total-((2*total)/100);
    }
    System.out.println("The total bill after discount is "+t);
  }
}
```

stus3 uniposet java - util · Learnen, class Jost ! public states wild wein (String (3 augs) & Learner se new Learner (Lyeten: in); unt i, j, total = 0; Lystan out printly (" Enter the number of different things bruget 1; unt n = 16. went jut (1) unt [] a) = new unt [m]; int [] a 2 = new cust [on]; porli = 0, 12 n; i++ 18 System out printer (" Enter due tost per illem"), unt cost = de neut but (1; alli] = all; Lysten out printle (" Enter elle runter of item suglet); unt neus = st. went Jut (); 925 j] = num ! total+= al [i]* a2 [j]; 3 unt t=0; uf (Lotal > = 10000) (t = total - (15* total)/100); Selfe If (total > > 7500 (& total < 10000) (+ 2 total - (1 3 to total)/100); 3 Me if (later > 5000 & R - Loter 2 7500) (+ = total - (12 x total)/100); Lysten Out Butler!" The total will after allessent de 5



```
Ans 4:-
import java.util.Scanner;

class Testj {

public static void main(String[] args) {

    Scanner sc=new Scanner(System.in);

    int i=0,j=0,k=0,temp;

    System.out.println("Enter the number of elements");

    int n=sc.nextInt();

    int[] A=new int[n];

    int[] B=new int[n];

    int[] C=new int[n];

    for(i=0;i<n;i++){

        System.out.println("Enter the value:");

        A[i]=sc.nextInt();

        if(A[i]%2!=0){
```

```
B[j]=A[i];
        j++;
      }else{
        C[k]=A[i];
        k++;
      }
    }
    int sum=0;
    double avg = 0;
    int max=C[0],min=C[0];
    for(temp=0;temp<k;temp++){</pre>
      sum+=C[temp];
      avg=(double)sum/k;
      if(C[temp]>max){
        max=C[temp];
      }if(C[temp]<min){</pre>
        min=C[temp];
      }
    }
    System.out.println("The sum is "+sum+"\nThe average is "+avg+"\nThe maximum value is
"+max+"\nThe minimum value is "+min);
  }
}
```

Shertuniposet jana util . Leamen, dass Testil public static exidence (things ET argell drawer it - new tranner (lystem un); civit i = 0 ; = 0 k = 0 temp; Lytem out printly (" Enter the rumber of demants); aut n 2 St neuthut (); unt [] A = new und [m] aut [] B = new cut [n]; unt [] (= new und [a]) for (i=0; ica; i+1l Lystem out pointly (" leater the volen: "); HEIJ = Se went But (1; if (ACi30/02!0)(BEIJ = AEIJ; 3 alle 1 (CR] = A[i]; uktt; aid fun = 0; double any 20; unt man 1. (Eo], min " (Eo]; for (temp =0; temp < k; temp ++) dun + = ((temp 3; any = (double) duy/k; if (CE temp 3 s Aman) (meen = e [tomp]; -3 if (CETEMPTE min) 13

Min = (Stemp 3 ; Lystem out println (" The sum is" + dum + " In The everage is" + any + "hothe conquien value is" + man . " the numinary value of " + min); 3.

