

```
1 import java.util.Scanner;
2 public class Array_sum
3 {
4     public static void main(String[] args)
5     {
6
7         int n, even_sum = 0, odd_sum=0;
8         Scanner in = new Scanner(System.in);
9         System.out.print("Enter no. of elements you want in array:");
10        n = in.nextInt();
11        int a[] = new int[n];
12        System.out.println("Enter all the elements:");
13        for(int i = 0; i < n; i++)
14        {
15            a[i] = in.nextInt();
16        }
17        for(int i=0;i<n;i++)
18        {
19            if(a[i]%2==0){
20                even_sum=even_sum+a[i];
21            }
22            else{
23                odd_sum=odd_sum+a[i];
24            }
25        }
26
27        System.out.println("even sum:"+even_sum);
28        System.out.println("odd sum:"+odd_sum);
29    }
30 }
31 }
32 }
```

```
15     a[i] = in.nextInt();
16 }
17 for(int i=0;i<n;i++)
18 {
19     if(a[i]%2==0){
20         even_sum=even_sum+a[i];
21     }
22     else{
23         odd_sum=odd_sum+a[i];
24     }
25 }
26
27 System.out.println("even sum:"+even_sum);
28 System.out.println("odd sum:"+odd_sum);
29
30 }
31 }
32 }
```

Execute Mode, Version, Inputs & Arguments

JDK 11.0.4

Interactive

 Execute

Result

compiled and executed in 30.867 sec(s)

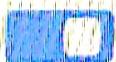
```
Enter no. of elements you want in array: 5
Enter all the elements:
1
5
4
3
6
even sum:10
odd sum:9
```

Online Java Compiler

For Multiple Files, Custom Library and File Reader

```
1 import java.util.Scanner;
2 public class count
3 {
4     public static void main(String[] args)
5     {
6
7         int n, cp=0,cn = 0,cz=0;
8         Scanner in = new Scanner(System.in);
9         System.out.print("Enter no. of elements you want in array:");
10        n = in.nextInt();
11        int a[] = new int[n];
12        System.out.println("Enter all the elements:");
13        for(int i = 0; i < n; i++)
14        {
15            a[i] = in.nextInt();
16        }
17        for(int i=0;i<n;i++)
18        {
19            if(a[i]>0)
20                cp++;
21            else if(a[i]<0)
22                cn++;
23            else
24                cz++;
25        }
26
27        System.out.println("positive numbers:"+cp);
28        System.out.println("negative numbers:"+cn);
29        System.out.println("zero:"+cz);
30
31
32    }
33 }
34
```

JDK 11.0.4 ▾



Interactive

Com

```
22         cn++;
23     else
24         cz++;
25 }
26
27 System.out.println("positive numbers:"+cp);
28         System.out.println("negative numbers:"+cn);
29         System.out.println("zero:"+cz);
30
31
32 }
33 }
34 }
```

▼ Execute Mode, Version, Inputs & Arguments

JDK 11.0.4

Interactive

▶ Exec

Result

compiled and executed in 57.759 sec(s)

```
Enter no. of elements you want in array: 6
Enter all the elements:
-3
0
4
-5
1
0
positive numbers:2
negative numbers:2
zero:2
```



```

1 import java.util.Scanner;
2 import java.lang.*;
3 public class Bill{
4     public static void main(String[] args){
5
6         double a[];
7         int b[];
8         Scanner in = new Scanner(System.in);
9         System.out.print("Enter no. of items x :");
10        int x = in.nextInt();
11        a=new double[x];
12        b=new int[x];
13        System.out.println("Enter Rate of items and corresponding quantity");
14        for(int i = 0; i < x; i++)
15        {
16            a[i] = in.nextDouble();
17            b[i] = in.nextInt();
18        }
19
20        double total=0.0,f;
21
22        for(int i = 0; i < x; i++)
23        {
24            total=total+(a[i]*b[i]);
25        }
26        if(total>=10000)
27
28            f=total-((5*total)/100);
29
30        else if((total>=7500)&&(total<10000))
31
32            f=(total-((3*total)/100));
33
34        else if((total>=5000)&&(total<7500))
35
36            f=total-((2*total)/100);
37        else
38            f=total;
39        System.out.println("The total bill amount is Rs."-total);
40        System.out.println("The final bill amount after discount is Rs."-f);
41
42    }
43
44

```

```
33  
34     else if((total>=5000)&&(total<7500))  
35         f=total-((2*total)/100);  
36     else  
37         f=total;  
38     System.out.println("The total bill amount is Rs."+total);  
39     System.out.println("The final bill amount after discount is "+f);  
40 }  
41  
42 }  
43  
44  
45  
46
```

Execute Mode, Version, Inputs & Arguments

JDK 11.0.4

Interactive

Execute

Result

compiled and executed in 99.126 sec(s)

Enter no. of items x : 5

Enter Rate of items and corresponding quantity

2354.89 1
589 2
36589.14 1
4258 3
5897.365 2

The total bill amount is Rs.6256364.96

The final bill amount after discount is Rs.5943546.712



```
1 import java.util.Scanner;
2 public class Main
3 {
4
5     public static void main(String[] args)
6     {
7         int n,i, j = 0, k = 0,sum=0,max,min,odd=0,even=0;
8         double avg;
9         Scanner in = new Scanner(System.in);
10        System.out.print("Enter no. of elements you want in array:");
11        n = in.nextInt();
12        int a[] = new int[n];
13        for( i = 0; i < n; i++)
14        {
15            System.out.println("Enter the "+(i+1)+" element:");
16            a[i] = in.nextInt();
17            if(a[i] % 2== 0)
18                even++;
19            else
20                odd++;
21        }
22        int b[] = new int[odd];
23        int c[] = new int[even];
24        for( i = 0;i <n; i++)
25        {
26            if(a[i]%2!=0)
27            {
28                b[j]=a[i];
29                j++;
30            }
31            else{
32                c[k]=a[i];
33                k++;
34            }
35        }
36        max=c[0];
37        min=c[0];
38        for(i=0;i<even;i++)
39        {
40            sum=sum+c[i];
41            if(min>c[i])
42                min=c[i];
43            else if(max<c[i])
44                max=c[i];
45        }
46    }
47}
```



```
23 int c[] = new int[even];
24 for( i = 0;i <n; i++)
25 {
26     if(a[i]%2!=0)
27     {
28         b[j]=a[i];
29         j++;
30     }
31     else{
32         c[k]=a[i];
33         k++;
34     }
35 }
36 max=c[0];
37 min=c[0];
38 for(i=0;i<even;i++)
39 {
40     sum=sum+c[i];
41     if(min>c[i])
42         min=c[i];
43     else if(max<c[i])
44         max=c[i];
45 }
46 avg=(double)sum/even;
47 System.out.println("Maximum of array c is:"+max);
48 System.out.println("Minimum of array c is:"+min);
49 System.out.println("sum of array c is:"+sum);
50 System.out.println("Average of array c is:"+avg);
51 }
52 }
53 |
54 }
```

Execute Mode, Version, Inputs & Arguments

JDK 11.0.4



Interactive



Result

compiled and executed in 25.968 sec(s)



```
44     max=c[i];  
45 }  
46 avg=(double)sum/even;  
47 System.out.println("Maximum of array c is:"+max);  
48 System.out.println("Minimum of array c is:"+min);  
49 System.out.println("sum of array c is:"+sum);  
50 System.out.println("Average of array c is:"+avg);  
51 }  
52  
53  
54
```

▼ Execute Mode, Version, Inputs & Arguments

JDK 11.0.4

Result

compiled and executed in 25.968 sec(s)

```
Enter no. of elements you want in array:5  
Enter the 1 element:  
2  
Enter the 2 element:  
4  
Enter the 3 element:  
3  
Enter the 4 element:  
1  
Enter the 5 element:  
5  
Maximum of array c is:4  
Minimum of array c is:2  
sum of array c is:12  
Average of array c is:3.0
```