Enter (LAB1) :-

Q1 // array acceptance

import java.util.Scanner;

public class SumofIndices {
  public static void main (string[] args) {
    int esum=0, osum=0;
    Scanner sc = new Scanner(system.in);
    System.out.println("Enter no of elements :");
    int n = sc.nextInt();
    int [n] arr = new int[n];

      for (int x=0 ; x<n; x++) {
      System.out.println ("Enter the value :");
      arr[x] = sc.nextInt();
      if (x%2 ==0)
        esum+= arr[x];

      else
    }   osum = osum + arr[x];

System.out.println (" Sum of even indices:
+ esum+ " \n Sum of odd indices " + osum);

x. close ();

}

}

~~input out~~

OUTPUT

Enter no of elements : 2

enter value : 10
          22

Even Positive index : 32

Odd indices = 0.

Lab - 1 (extras)

// +ve, -ve, 0

02 import java.util.Scanner.

public class FindNo {

public static void main (String [] args) {

int psum = 0, nsum = 0, zsum = 0;

Scanner sc = new Scanner(System.in);

System.out.println ('Enter for how many u want
to perform!");

int n = sc.nextInt();

int [] arr = new int [n]; // u can give any
                                value instead of
for (int x = 0; x < n; x++) {   'n' but
                                   better
system.out.println ("Enter value: ");
arr [x] = sc.nextInt();

if (x == 0)

psum = psum + 1;

else if (x < 0)

nsum = nsum + 1;
else
zsum = zsum + 1; }

```java
system.out.println ("the figures are : positive nos"
    +psum +    Negative nos": +nsum+ \n"Zero
    nos are : " +zsum);

    }

  }


Q3    import    java.util.Scanner.

public    class    Market Bill {

public    static    void main    (String [] args) {
double [ ] rate    = new double [3];

for (int i= 0 ; i < 3 ; i++) {

    system.out.println ("Enter rate & Qn ");

    rate [i] -    input.nextDouble ();
    quantity [i] = input.nextInt ();
    }

    double subtotal = 0;

    for int (j=0 ; j < 3 ; j++)
    { subtotal = subtotal + rate[j] * squan[j];
      }
```

OUTPUT for Q2

Q2

Enter for how many to perform: 3

11
108
786 -

Positive nos : 3 -
negative nos : 0
zero nos : 0

```java
System.out.println(" final Gross bill:" + subtotal);
if ( subtotal >= 10000) {
    subtotal = substotal - (0.05* subtotal);}
else if ( subtotal >= 7500) {

    subtotal = subtotal - (0.03* subtotal);}
else if ( subtotal >= 5000) {

    subtotal = (0.98* subtotal);

}
System.out. println (" Total: + subtotal);
}}
```

0

OUTPUT :

Enter rate & Quant per item :

2000
5
" "
211
24
" "
122
21

" "
245
108
" "
200

Sub total	: 44286.0
Total	: 42071.7

```java
Q4   import java.util.Scanner;
     public class SumMinMaxAvg {
     public static void main (String [] args) {
     int e = 0, o = 0 ; esum = 0;
     Scanner sc = new Scanner (System.in);
     System.out.println ("Enter no of element: ");
     int n = sc.next lint ();

     int [] A = new int [500];
     int [] B = new int [500];
     int [] C = new int [500];

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

     for (int x = 0; x < n; x++) {
        A [x] = sc.next Int();
        if (A[x] % 2 == 0) {
           C [e] = A [x];
           esum += C [e++]; }
        else  B [o++] = A [x]; }
```

```
int  max = 0;
    int min = C[0];
        for (int i = 0; i<e ;i++) {
        if ( C[i] > max) -
            max = C[i];
            if (C[i] < min) {
            min = C[i];

            }
```

System.out.println (" Sum of elements array C:
    +esum+ \n Avg of elemn C " +(eresn/(e-1)}
    Min value of C array : " +min);

    sc.close () ;}

    }

OUTPUT :
enter elements & 3

enter value:
11
33
108   Greatest : 108.
Sum & 152   Min & 11 .
Avg & 50.66

```
Command Prompt

Enter the value:
12
Enter the value:
21
Enter the value:
6
Sum Of Even Indices : 18
Sum of Odd Indices: 21

C:\Users\shivanshu\Desktop> JAVA Y
Enter the number of elements :
2
Enter the value:
12
Enter the value:
10
Sum Of Even Indices : 12
Sum of Odd Indices: 10

C:\Users\shivanshu\Desktop>javac Y.java

C:\Users\shivanshu\Desktop>java Y
Enter the number of elements :
2
Enter the value:
11
Enter the value:
22
Sum Of Even Indices : 11
Sum of Odd Indices: 22

C:\Users\shivanshu\Desktop>JAVA y
Error: Could not find or load main class y

C:\Users\shivanshu\Desktop>java Y
Enter the number of elements :
4
Enter the value:
10
Enter the value:
20
Enter the value:
11
Enter the value:
9
Sum Of Even Indices : 21
Sum of Odd Indices: 29

C:\Users\shivanshu\Desktop>
```

```
C:\Users\shivanshu\Desktop>java Y
Enter the number of elements :
3
Enter the value:
11
Enter the value:
108
Enter the value:
786
Number of Positive Numbers in array: 3
Negtive Numbers are: 0
Zero Contain are: 0

C:\Users\shivanshu\Desktop> java Y
Enter the number of elements :
3
Enter the value:
-11
Enter the value:
-109
Enter the value:
-782
Number of Positive Numbers in array: 0
Negtive Numbers are: 3
Zero Contain are: 0

C:\Users\shivanshu\Desktop>java Y
Enter the number of elements :
0
Number of Positive Numbers in array: 0
Negtive Numbers are: 0
Zero Contain are: 0

C:\Users\shivanshu\Desktop>JAVA Y
Enter the number of elements :
2
Enter the value:
0
Enter the value:
0
Number of Positive Numbers in array: 0
Negtive Numbers are: 0
Zero Contain are: 2

C:\Users\shivanshu\Desktop>
```

```
C:\Users\shivanshu>set path="C:\Program Files\Java\jdk1.8.0_261\b:

C:\Users\shivanshu>cd desktop

C:\Users\shivanshu\Desktop>javac Y.java

C:\Users\shivanshu\Desktop>java Y
Enter The Rate and Quantity per item:
2000
5
Enter The Rate and Quantity per item:
211
24
Enter The Rate and Quantity per item:
122
21
Enter The Rate and Quantity per item:
245
108
Enter The Rate and Quantity per item:
200
1
Sub-total: 44286.0
Total: 42071.7

C:\Users\shivanshu\Desktop>
```

```
C:\Users\shivanshu\Desktop>java Y
Enter the number of elements :
3
Enter the value:
11
108
33
Exception in thread "main" java.lang.ArithmeticException: / t
        at Y.main(Y.java:29)

C:\Users\shivanshu\Desktop>JAVAC Y.java

C:\Users\shivanshu\Desktop>java Y
Enter the number of elements :
3
Enter the value:
11
108
33
Sum of Elements in Aarry C: 108
Average Of Elements C: 108
Maxmium Value of C array: 108
Minimum Value of C array: 108

C:\Users\shivanshu\Desktop>
```

Downloads	javap.exe	18-09-2020 11:39
Music	javapackager.exe	18-09-2020 11:39
Pictures	java-rmi.exe	18-09-2020 11:39
Videos	javaw.exe	18-09-2020 11:39
OS (C:)	javaws.exe	18-09-2020 11:39
New Volume (D:)	jcmd.exe	18-09-2020 11:39
New Volume (E:)	jconsole.exe	18-09-2020 11:39
	jdb.exe	18-09-2020 11:39
Network	jdeps.exe	18-09-2020 11:39
	jhat.exe	18-09-2020 11:39
	jinfo.exe	18-09-2020 11:39
	jjs.exe	18-09-2020 11:39
	jli.dll	18-09-2020 11:39
	jmap.exe	18-09-2020 11:39
	jps.exe	18-09-2020 11:39
	jrunscript.exe	18-09-2020 11:39

53 items