**Lab 4: Experiments List**

1. Find the largest among 3 user entered nos. at the command prompt using Java.

2. Accept 10 numbers from command line and check how many of them are even and how many odd.

3. Write a program to calculate area according to user input, whether it is circle, square or triangle (Menu Driven). [Hints: Use switch case]

4. Write a class file – *box* with three data members (length, width, height) and a method *volume()* . Also implement the application *class Demo* where an object of the *box class* is created with user entered dimensions and volume is printed.

**Hints:** class Box

{

// create volume ()

{

}

}

Class Demo

{

public static void main(String args[])

{

//create object of class Box

//Take three input through key board

//call volume method

// Print the volume

// Print the three input parameters

}

}

1. Write a program in Java to define a class Rectangle having data member: length, breadth and class Calculate. Calculate class having data member area() and perimeter() to compute the area and perimeter of the rectangle respectively. Also implement the application *class DemoRect* where an object of the Rectangle *class* is created with user entered length and breadth.

Hints

Class Rectangle{

//length, width;

Class Calculate{

area()

Perimeter()

}

Class DemoRect{

}