# Object Oriented Programming LAB

**Name: Shefany Shanavas**

**Roll No: 37**

**Batch: B**

**Date:18/05/22**

**Experiment No.: 6**

# Aim:

# Area of different shapes using overloaded functions

**Procedures:**

class Area

{

int shape(int l, int b)

{

return l\*b;

}

double shape(double l,double b)

{

return (0.5\*l\*b);

}

double shape(double l)

{

return (3.14\*l\*l);

}

}

public class MainArea{

public static void main(String Args[])

{

Area A =new Area();

System.out.println("Area of rectangle=" + A.shape(4,5));

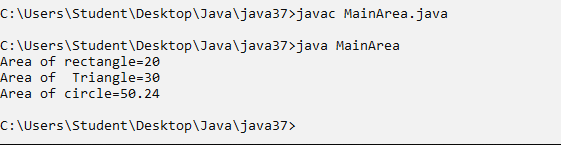
System.out.println("Area of Triangle=" + A.shape(6,5));

System.out.println("Area of circle=" + A.shape(4));

}

}

**Output:**

****