**Experiment No. 6**

**Aim**

Program to find area of Square, Rectangle and Circle using Method Overloading.

**Source code**

package java\_file;

public class \_6\_Area {

float pi=3.14f;

public static void main(String args[]) {

\_6\_Area myobj=new \_6\_Area();

System.out.println("Values are in CM");

System.out.println("\n\nSide = "+20);

myobj.findArea(20);

System.out.println("\n\nLength = 30\nBreadth = 15");

myobj.findArea(30, 15);

System.out.println("\n\nRadius = "+10.5f);

myobj.findArea(10.5f);

}

public void findArea(int a) {

System.out.println("Area of Square = "+(a\*a));

}

public void findArea(int len, int wid) {

System.out.println("Area of Rectangle = "+(len\*wid));

}

public void findArea(float rad) {

System.out.println("Area of Circle = "+(pi\*rad\*rad));

}

}

**Output**

