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**OBJECT ORIENTED PROGRAMING LAB**

**Experiment No.: 10**

# Aim

Write a program to find area of different shapes using overloaded functions.

**Source Code**

class OverloadFunction

{

void area(float x)

{

System.out.println("The Area of the Square is "+Math.pow(x, 2)+" sq units");

}

void area(float x, float y)

{

System.out.println("The Area of the Rectangle is "+x\*y+" sq units");

}

void area(double x)

{

double z = 3.14 \* x \* x;

System.out.println("The Area of the Circle is "+z+" sq units");

}

}

class Overload

{

public static void main(String args[])

{

OverloadFunction ob = new OverloadFunction();

ob.area(5);

ob.area(11,12);

ob.area(2.5);

}

}

# Output Screenshot

