2. Write a Java Program to find area of Square, Rectangle and Circle using Method Overloading

**Code:**

class Main

{

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 z)

{

double a = 3.14 \* z \* z;

System.out.println("the area of the circle is "+z+" sq units");

}

public static void main(String args[])

{

Main ob = new Main();

ob.area(4);

ob.area(11,13);

ob.area(3.5);

}}

**Output:**

