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

**class** OverloadDemo

{

**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[])

{

OverloadDemo ob = **new** OverloadDemo();

ob.area(5);

ob.area(11,12);

ob.area(2.5);

}

}

**Output:**

