

Practical 6

CODE:

```
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 Main
{
public static void main(String args[])
{
    OverloadDemo ob = new OverloadDemo();

    ob.area(5);
    ob.area(11,12);
    ob.area(2.5);

}

}
```

OUTPUT:

```
the area of the square is 25.0 sq units
the area of the rectangle is 132.0 sq units
the area of the circle is 19.625 sq units
```