**overloading**

**package** com.java.pgms;

**import** java.util.Scanner;

**public** **class** Overload {

**void** calcarea(**float** r)

{

System.*out*.println("Area of squar:" +r\*r);

}

**void** calcarea(**float** x,**float** y)

{

System.*out*.println("area of rectangle:"+x\*y);

}

**void** calcarea(**double** r)

{

**double** area=3.14\*r\*r;

System.*out*.println("area of circle:" +area);

}

**public** **static** **void** main(String[] args)

{

Overload obj=**new** Overload();

System.*out*.println("enter side of squars:");

Scanner sc=**new** Scanner(System.*in*);

**float** s1=sc.nextFloat();

obj.calcarea(s1);

System.*out*.println("enter length of rectangle:");

**float** side1=sc.nextFloat();

System.*out*.println("enter breadth of rectangle:");

**float** side2=sc.nextFloat();

obj.calcarea(side1,side2);

System.*out*.println("enter radius of circle:");

**double** rad=sc.nextDouble();

obj.calcarea(rad);

}

}