Experiement-8

Code:

abstract class Shape

{

int a=3,b=4;

abstract public void printarea();

}

Code:

abstract class Shape

{

int a=3,b=4;

abstract public void printarea();

}

class Rectangle extends Shape

{

public double arearect; public void printarea()

{

arearect=a\*b;

System.out.println("The area of rectangle is:"+arearect);

}

}

class Triangle extends Shape

{

double areatri;

public void printarea()

{

areatri=0.5\*a\*b;

System.out.println("The area of triangle is:"+areatri);

}

}

class Circle extends Shape

{

double areacircle;

public void printarea()

{

areacircle=3.14\*a\*a;

System.out.println("The area of circle is:"+areacircle);

}

}

public class ShapeDemo {

public static void main(String[] args) {

Rectangle r=new Rectangle(); r.printarea();

Triangle t=new Triangle(); t.printarea();

Circle r1=new Circle();

r1.printarea();

}

}