

```

import java.util.*;
import java.lang.*;
import java.io.*;
abstract class calcArea {
    abstract void findRectangle(double l, double b);
    abstract void findSquare(double s);
    abstract void findCircle(double r);
}

class findArea extends calcArea {

    void findRectangle(double l, double b)
    {
        double area = l*b;
        System.out.println("Area of Rectangle: "+area);
    }

    void findSquare(double s)
    {
        double area = s*s;
        System.out.println("Area of Square: "+area);
    }

    void findCircle(double r)
    {
        double area = 3.14*r*r;
        System.out.println("Area of Circle: "+area);
    }
}

class area {
    public static void main(String args[])
    {
        double l, b, h, r, s;
        findArea area = new findArea();
        Scanner get = new Scanner(System.in);

        System.out.print("\nEnter Length & Breadth of Rectangle: ");
        l = get.nextDouble();
        b = get.nextDouble();
        area.findRectangle(l, b);

        System.out.print("\nEnter Side of a Square: ");
        s = get.nextDouble();
        area.findSquare(s);

        System.out.print("\nEnter Radius of Circle: ");
        r = get.nextDouble();
        area.findCircle(r);
    }
}

```

}