```java
import java.util.*;

import java.io.*;


interface Area

{

void calculate(double x,double y);

}

class Circle implements Area

{

public void calculate(double x,double y)

{

double a;

a=3.14*x*x;

System.out.println("Area of the circle is:"+a);

}

}

class Rectangle implements Area

{

public void calculate(double x,double y)

{

double a;

a=x*y;

System.out.println("Area of the rectangle is:"+a);

}

}

class AreaMain

{

public static void main(String args[])

{

Scanner ab=new Scanner(System.in);

Circle c=new Circle();
```

```java
Rectangle b=new Rectangle();

System.out.println("Enter the radius of the circle:");

double r=ab.nextDouble();

c.calculate(r,0);

System.out.println("Enter the length and breadth of the rectangle:");

double l=ab.nextDouble();

double d=ab.nextDouble();

b.calculate(l,d);

}

}
```

OUTPUT:

D:\Aniket JAVA>javac AreaMain.java

D:\Aniket JAVA>java AreaMain

Enter the radius of the circle:

24

Area of the circle is:1808.6399999999999

Enter the length and breadth of the rectangle:

13

54

Area of the rectangle is:702.0