|  |
| --- |
| 专业班级 信息173班 学号 201711010228 姓名 苏栋 |

**实验代码：**

import static java.lang.Math.sqrt;

public class Demo

{

public static double area(double width,double length)

{

return width \* length;

}

public static double area(double radius)

{

double pi = 3.14;

return pi \* radius \* radius;

}

public static double area(int length)

{

return length \* length;

}

public static double area(double x,double y,double z)

{

double p = (double)(x+y+z)/2;

return sqrt(p\*(p-x)\*(p-y)\*(p-z));

}

}

public class Test

{

public static void main(String[] args)

{

System.out.println("长方形的面积：" + Demo.area(5.5,3.8));

System.out.println("圆的面积：" + Demo.area(5.5));

System.out.println("正方形的面积：" + Demo.area(12));

System.out.println("三角形形的面积：" + Demo.area(3.0,4.0,5.0));

}

}