2016年

一

$1-5$ $ABCAB$

$6-10$ $DACDB$

$11-15$ $AABBA$

二

1~5: × √ × √ √

6~10: √ × √ √ ×

11~15: × √ √ × √

三.1.

```java
import java.util.Scanner;
public class Test{
    public static void main(String[] args) {
        Scanner sc = new Scanner(System.in);
        int max = 0;
        int id = 0;
        int cnt = 0;
        int[] a = new int[1000];
        while(true) {
            int num = sc.nextInt();
            if(num==0) {
                break;
            }
            //a[id] = new int();
            a[id] = num;

            id++;
            if(num>max) {
                max = num;
            }
        }
        for(int i=0;i<id;i++) {
            if(a[i] == max) {
                cnt++;
            }
        }
        System.out.println("The maximum number is "+max+",The number of the max
 number is "+cnt);
    }
```

```
    }
```

三.2.

```java
public class Rectangle2D {
    private double x,y;
    private double width,height;
    public Rectangle2D() {
        this.x = 0;
        this.y = 0;
        this.width = 0;
        this.height = 0;
    }
    public Rectangle2D(double x,double y,double width,double height) {
        this.x = x;
        this.y = y;
        this.width = width;
        this.height = height;
    }

    public void setX(double x) {
        this.x = x;
    }
    public void setY(double y) {
        this.y = y;
    }
    public void setwidth(double width) {
        this.width = width;
    }
    public void setheight(double height) {
        this.height = height;
    }

    public double getX() {
        return this.x;
    }
    public double getY() {
        return this.y;
    }
    public double getWidth() {
        return this.width;
    }
    public double getHeight() {
        return this.height;
    }

    public double getPerimter() {
        return (this.width+this.height)*2;
    }
    public double getArea() {
        return (this.width)*(this.height);
    }
}
public class Test{
    public static void main(String[] args) {
```

```java
        Rectangle2D t1 = new Rectangle2D();
        Rectangle2D t2 = new Rectangle2D(0,0,6,4);
        System.out.println(t1.getPerimter()+" "+t1.getArea());
        System.out.println(t2.getPerimter()+" "+t2.getArea());
    }
}
```