初始化时间观

```
class Tag {
  Tag(int marker) {
    System.out.println("Tag(" + marker + ")");
  }
}

class Card {
  Tag t1 = new Tag(1); // Before constructor
  Card() {
    System.out.println("Card()");
    t3 = new Tag(33); // Re-initialize t3
  }
  Tag t2 = new Tag(2); // After constructor
  void f() {
    System.out.println("f()");
  }
  Tag t3 = new Tag(3); // At end
}

public class Init {
  public static void main(String[] args) {
    Card t = new Card();
    t.f(); // Shows that construction is done
  }
}
>>>Tag(1)
Tag(2)
Tag(3)
Card()
Tag(33)
f()
```

```
class Bowl {
  Bowl(int marker) {
    System.out.println("Bowl(" + marker + ")");
  }
}

class Table {
  static Bowl b1 = new Bowl(1);//1
  Table(int i) {
    System.out.println("Table("+i+")");
  }
  static Bowl b2 = new Bowl(2);//2
}

public class SecondInit {
    static Table t2 = new Table(1);//3
    static Table t3 = new Table(2);//4
    Table t4 = new Table(3);//6
    public static void main(String[] args) {//5
    System.out.println("");
```

```
        SecondInit si = new SecondInit();
    }
}
>>>Bowl(1)
Bowl(2)
Table(1)
Table(2)

Table(3)
```

```
class Insect {
  int i = 9;
  int j=prt("Insect j initialized");
  Insect() {
    prt("i = " + i + ", j = " + j);
    j = 39;
  }
  static int x1 =
    prt("static Insect.x1 initialized");//1

  static int prt(String s) {//1
    System.out.println(s);
    return 47;
  }
}

public class Beetle extends Insect {
  int k = prt("Beetle.k initialized");
  Beetle() {
    prt("k = " + k);
    prt("j = " + j);
  }
  static int x2 =
    prt("static Beetle.x2 initialized");//2

  static int prt(String s) {//2
    System.out.println(s);
    return 63;
  }

  public static void main(String[] args) {//3
    prt("Beetle constructor");
    Beetle b = new Beetle();
  }
}
>>>static Insect.x1 initialized
static Beetle.x2 initialized
Beetle constructor
Insect j initialized
i = 9, j = 47
Beetle.k initialized
k = 63
j = 39

class Insect {
  int i = 9;
```

```
  int j=prt("Insect j initialized");
  Insect() {
    prt("i = " + i + ", j = " + j);
    j = 39;
  }
  public int prt(String s) {
    System.out.println("Father: "+s);
    return 47;
  }
}

public class Beetle1 extends Insect {
  int k = prt("Beetle.k initialized");
  Beetle1() {
    prt("k = " + k);
    prt("j = " + j);
  }
  public int prt(String s) {
    System.out.println("Son: "+s);
    return 63;
  }

  public static void main(String[] args) {
    System.out.println("Beetle constructor");
    Beetle1 b = new Beetle1();
  }
}
>>>Beetle constructor
Son: Insect j initialized//???为什么呢
Son: i = 9, j = 63
Son: Beetle.k initialized
Son: k = 63
Son: j = 39
```

```
  /**
 * @author 电信1801 喻越
 * time:2020.10.16
 * function:统计文章的单词数与有些词的词频
 *
 */
import java.util.Scanner;
public class Job3{
    public static void main(String[] args){
        String str = "MR. OBAMA: Vicen four years, and forty years, ";
        String Str1 = str;
        String Str3 = new String(str);
        Scanner scanner = new Scanner(System.in); //获取需要统计次数的词
        System.out.print("Input the wanted word : ");
        String Str2 = scanner.nextLine();
        int intNumber = 0;//词频统计
        int intSum = 0;//总次数统计

        /*统计文章指定词词频 */
        while(Str1 != null)
        {
            int i = Str1.indexOf(Str2);
```

```
            if((i>=0) && ((i+Str2.length())<Str1.length()))
            {
                intNumber = intNumber + 1;
                Str1=Str1.substring(i+Str2.length()+1);
            }
            else if((i>=0) && ((i+Str2.length())==Str1.length()))
            {
                intNumber = intNumber + 1;
                break;
            }
            else
            {
                Str1=null;
            }
        }
        /*统计文章总词数 */
        while(Str3 != null)
        {
            int i = Str3.indexOf(" ");
            if(i>=0)
            {
                intSum = intSum + 1;
                Str3 = Str3.substring(i+1);
            }
            else
            {
                intSum = intSum + 1;
                Str3 = null;
            }
        }

        System.out.println("The total number of words in the article =
"+intSum);
        System.out.println("The number of " +Str2+ " = "+intNumber);
        scanner.close();//**
    }
}
```

```
import java.io.*;

public class test {
    public static void main(String[] args) {
        try {
        File infile = new File(".\\data.txt");
        BufferedReader fis = new BufferedReader(new FileReader(infile));
        String line = fis.readLine();
        while (line.length() != 0) {
        System.out.println(line);
        line = fis.readLine();
        }
        fis.close();

        } catch (Exception e) {
        e.printStackTrace();
        }
```

```
    }
}
```

```
/*线程*/
import java.io.*;
import java.net.*;

public class SocketHandler extends Thread{
    private Socket skt;
    private BufferedReader in;
    private PrintWriter out;
    public SocketHandler(Socket skt){
        this.skt = skt ;
        try{
            in = new BufferedReader(new InputStreamReader(
                                    skt.getInputStream())) ;

            out = new PrintWriter(new BufferedWriter(
                                new OutputStreamWriter(
                                    skt.getOutputStream())),true);
        }catch(Exception e){
            System.out.println(e);
        }
    }

    public void run(){
        try{
            String str = in.readLine();
            while(str!=null&&!str.equals("END")){
                System.out.println("收到: "+str);
                byte[] input = new byte[20];
                //System.in.read(input);
                str = in.readLine();
                System.out.println("收到: "+str);
            }
            System.out.println("此次服务完毕，线程退出");
        }catch(Exception e){
            System.out.println(e);
        }
    }
}
```