

```

byte:
public class Byte {
    public static void main (String[] args) {
        int password = 751245;
        int key = 7;
        System.out.println("密码:" + password);
        password = password << key;
        System.out.println("经过左移运算密码的结果是: " + password);
        password = password >> key;
        System.out.println("经过右移运算密码的结果是: " + password);
    }
}

```

```

boolean:
public class boolean {
    public static void main (String[] args) {
        char a = 'g';
        boolean b = a == '0';
        System.out.println(b);
    }
}

```

```

BMI program:
public class BMI program {
    public static void main (String[] args) {
        double height = 1.75;
        int weight = 70;
        double BMI = weight / (height * height);
        System.out.println("您的身高为: " + height);
        System.out.println("您的体重为: " + weight);
        System.out.println("您的BMI指数为: " + BMI);
        if (BMI < 18.5) {
            System.out.println("您的体重过低");
        }
        if (BMI > 18.5 && BMI < 24.9) {
            System.out.println("正常范围");
        }
        if (BMI > 24.9 && BMI < 29.9) {
            System.out.println("超重");
        }
        if (BMI > 29.9) {
            System.out.println("肥胖");
        }
    }
}

```

```

Scanner:
public class scanner {
    public static void main (String[] args) {
        Scanner sc = new Scanner (System.in);
        int x = sc.nextInt();
        System.out.println("x: " + x);
    }
}

```

```

qiongzhn:
public static void main (String[] args) {
    int i = (int) 45.3;
    long l = (long) 456.4f;
    char c = (char) 97.14;
    System.out.println(i);
    System.out.println(l);
    System.out.println(c);
}
}

```

```

Variable:
public class Variable {
    public static void main (String[] args) {
        // 定义 byte 类型的变量
        byte b = 10;
        System.out.println(b);
        // 定义 short 类型的变量
        short s = 100;
        System.out.println(s);
        // 定义 int 类型的变量
        int i = 10000;
        System.out.println(i);
        // 定义 double 类型的变量
        double d = 13.14;
        System.out.println(d);
        // 定义 char 类型的变量
        char c = 'a';
        System.out.println(c);
        // 定义 boolean 类型的变量
        boolean b = true;
        System.out.println(b);
        // 定义 long 类型的变量
        System.out.println(i); long = long (= 10000000000L; // 10000000000
        System.out.println(l);
        // 定义 float 类型的变量
        float f = 13.14;
        System.out.println(f);
    }
}

```



```

logic
public static void main(String[] args) {
public class logic {
    public static void main(String[] args) {
        int i = 10;
        int j = 2;
        i &= j & j
        // System.out.println((i++ > 100 & j++ > 100));
        System.out.println((i++ > 100) & (j++ > 100));
        System.out.println("i: " + i);
        System.out.println("j: " + j);
        System.out.println("i: " + i);
    }
}

```

```

hashmap:
public class hashing {
    public static void main (String [] args) {
        int a=50;
        int b=10;
        int c=165;
        int max=a>b?a:b;
        int max=max>c?max:c;
        System.out.println("最高身高" + max);
    }
}

```

Ch076.022.2013.09

```
200.
public class 200 {
    public static void main (String[] args) {
        int weight = 183;
        int weight2 = 200;
        boolean b = weight == weight2 ? true : false;
        System.out.println ("b: " + b);
    }
}
```

```

    zidong:
    public class zidong {
        public static void main (String [] args) {
            byte b=127;
            int i=150;
            float f=452.12f;
            char C=10;
            double d=45.4654f;
        }
    }

```

System.out.println("byte与float数据进行运算结果："+(b+f));

System.out.println("byte与int数据进行运算结果："+(b*i));

System.out.println("byte与char数据进行运算结果："+(b|'C'));

System.out.println("double与char数据进行运算结果："+(d+'C'));

Ch076, 022, 2013. 0

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Cegao:
import java.util.Scanner;
public class cegao {
    public static void main (String[] args) {
        Scanner x = new Scanner (System.in);
        int a = x.nextInt();
        int b = x.nextInt();
        int c = x.nextInt();
        int max = a > b ? a : b;
        int max1 = max > c ? max : c;
        System.out.println ("最高为 " + max1);
    }
}

```

Calculation:

```

public class calculation {
    public static void main (String[] args) {
        System.out.println ("Hello " + "World");
        System.out.println ("Hello " + 23);
        System.out.println (23 + "Hello");
        System.out.println ("Hello " + 2 + 3);
        System.out.println (2 + 3 + "Hello");
    }
}

```