

```
Package Demo;
```

```
Public class variable {  
    public static void main (String[] args) {
```

```
        // 定义 byte 类型
```

```
        byte b = 10;
```

```
        System.out.println(b);
```

```
        // 定义 short 类型
```

```
        short s = 100;
```

```
        System.out.println(s);
```

```
        //
```

```
        int i = 10000;
```

```
        System.out.println(i);
```

```
        //
```

```
        double d = 13.14;
```

```
        System.out.println(d);
```

```
        //
```

```
        char c = 'a';
```

```
        System.out.println(c);
```

```
        // 定义 boolean 类型的变量
```

```
        // boolean b = true;
```

```
        // System.out.println(b);
```

```
        //
```

```
        long l = 1000000000000000L;
```

```
        System.out.println(l);
```

```
        //
```

```
        float f = 13.14f;
```

```
        // System.out.println(f);
```

```
    }
```

```
}
```

```
Package De;
```

```
Public class yu {
```

```
    public static void main (String[] args) {
```

```
        int i = 10;
```

```
        int j = 20;
```

```
        // & 40 & &
```

```
        System.out.println((i++>100) & (j++>100));
```

```
        // System.out.println((i++>100) && (j++>100));
```

```
        System.out.println("i:" + i);
```

```
        System.out.println("j:" + j);
```

```
    }
```

```
}
```

```
Package De;
```

```
public class la {
```

```
    public static void main (String[] args) {
```

```
        char a = '9';
```

```
        boolean b = a == '03';
```

```
        System.out.println (b);
```

```
    }
```

```
}
```

```
Package De;
```

```
public class sy {
```

```
    public static void main (String[] args) {
```

```
        int a = 180;
```

```
        int b = 200;
```

```
        System.out.println (a == b ? "1" : "0");
```

```
    }
```

```
}
```

```
Package De;
```

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```
public class sy2 {
```

```
    public static void main (String[] args) {
```

```
        int x = 150;
```

```
        int y = 210;
```

```
        int z = 165;
```

```
        int d = x > y ? x : y;
```

```
        int e = d > z ? d : z;
```

```
        System.out.println (e);
```

```
    }
```

```
}
```

```
Package De;
```

```
import java.util.Scanner;
```

```
public class sh {
```

```
    public static void main (String[] args) {
```

```
        // 创建对象
```

```
        Scanner ll = new Scanner (System.in);
```

```
        // 接收数据
```

```
        int x = ll.nextInt();
```

```
        // 输出数据
```

```
        System.out.println ("x:" + x);
```

```
    }
```

```
}
```

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// 常量不能直接输出

```
}  
}
```

```
package De;
```

```
public class do {
```

```
    public static void main (String[] args) {
```

```
        int password = 751248;
```

```
        int key = 7;
```

```
        System.out.println("原密码" + password);
```

```
        password = password << key;
```

```
        System.out.println("经过左移运算的密码的结果是:" + password);
```

```
        password = password >> key;
```

```
        System.out.println("经过右移运算的密码的结果是:" + password);
```

```
    }
```

```
}
```

```
package De;
```

```
import java.util.Scanner;
```

```
public class hos {
```

```
    public static void main (String[] args) {
```

```
int height1, height2, height3;
```

```
Scanner hs = new Scanner (System.in);
```

```
height1 = hs.nextInt();
```

```
height2 = hs.nextInt();
```

```
height3 = hs.nextInt();
```

```
int a = height1 > height2 ? height1 : height2;
```

```
int b = a > height3 ? a : height3;
```

```
System.out.println("max height:" + b);
```

```
}
```

```
}
```

```
package De;
```

```
public class jia {
```

```
    public static void main (String[] args) {
```

```
        System.out.println("Hello" + "world");
```

```
        System.out.println("Hello" + 231);
```

```
        System.out.println(23 + "hello");
```

```
        System.out.println("hello" + 2 + 3);
```

```
        System.out.println(2 + 3 + "hello");
```

```
    }
```

```
}
```

```
package De;
```

```
public class bmf
```

```
public static void main (String[] args) {
```

```
double shengao = 1.88;
```

```
int tizhong = 75;
```

```
double BMZ;
```

```
BMZ = tizhong / (shengao * shengao);
```

```
System.out.println("您的身高为" + shengao);
```

```
System.out.println("您的体重为" + tizhong);
```

```
System.out.println("您的BMZ为" + BMZ);
```

```
System.out.println("您的体重属于:");
```

```
if (BMZ < 18.5)
```

```
{
```

```
System.out.println("体重过轻");
```

```
}
```

```
else if (BMZ > 18.5 && BMZ < 24.9)
```

```
System.out.println("正常范围");
```

```
else if if (BMZ >= 24.9 && BMZ < 29.9)
```

```
System.out.println("体重过重");
```

```
else
```

```
System.out.println("肥胖");
```

```
}
```

```
}
```



```
package De;
```

```
public class case2 {
```

```
    public static void main (String[] args) {
```

```
        int i = (int) 45.2;
```

```
        int l = (long) 456.6f;
```

```
        int c = (char) 97.14;
```

```
        System.out.println(i);
```

```
        System.out.println(l);
```

```
        System.out.println(c);
```

```
    }
```

```
}
```

```
package De;
```

```
public class case3 {
```

```
    public static void main (String[] args) {
```

```
        byte b = 127;
```

```
        int i = 150;
```

```
        float f = 452.12f;
```

```
        char c = 10;
```

```
        double d = 45.46546;
```

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

```
        System.out.println("byte与float 进行运算结果;" + (b*i));
```

```
        System.out.println("byte与float 进行运算结果;" + (b*l));
```

```
        System.out.println("byte与float 进行运算结果;" + (d+c));
```

```
    }
```

```
}
```

```
package De;
```

```
public class con {
```

```
    public static void main (String[] args) {
```

```
        // 字符串常量
```

```
        System.out.println("Hello World!");
```

```
        // 整型常量
```

```
        System.out.println(677);
```

```
        // 小数常量
```

```
        System.out.println(182.23);
```

```
        // 字符常量
```

```
        System.out.println('A');
```

```
        // 布尔常量
```

```
        System.out.println(true);
```

```
        // 空常量
```

```
        // System.out.println(null);
```

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