```
Package grammer_demo;

Public class logic{
 Public static void main(String[] args){
  int i=10;
  int j=20;

  // & 与 &&
  //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 grammer_demo;

Public class qiangzhi{
  Public static void main(String[] args){
   int i =(int) 45.23;
   long l=(long) 456.6f;
   char c=(char) 97.14;
    System.out.println(i);
    System.out.println(l);
    System.out.println(c);
  }
```

```
//定义boolean
//boolean b=true;
//System.out.println(b);
//定义long
long l=10000000L;///10000000
System.out.println(l);

//定义float
//float f=13.14
//System.out.println(f);
}
}
```

```
package grammer_demo;

import java.util.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);
 }
```

```
package grammer_demo;

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类型的常量
    short s=100;
    System.out.println(s);

    //定义int.
    int i=10000;
    System.out.println(i);

    //定义double.
    double d=3.14;
    System.out.println(d);

    //定义char
    char c='a';
    System.out.println(c);
```

```
Package grammer_demo;

public class Cont{
  public static void main(String[] arges){
//字符串常量
System.out.println("Hellow world");

//字符整数常量
System.out.println(67);

//小数常量
System.out.println(18.23);

//字符常量
System.out.println('A');

//布尔常数
System.out.println(true);

//空常量
//System.out.println(null);
//空常量不能直接输出
  }
}
```

```
package grammer_demo;

public class heshang{
 Public static void main(string[] args){
  int a=150;
  int b=210;
  int c=165;

  int max=a>b?a:b;
  int max1=max>c?max:c;
  System.ont.println("最高身高"+max1);
 }
}
```

```
package grammer_demo;

Public class and{
 Public static void main(string[] args){
  Scanner sc = new Scanner(System.in);

  int x=sc.nextInt();

  System.ont.println("x:"+x);
 }
}
```

```
package grammer_demo;

Public class calculation{
    Pnblic 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");
}
}
```

```
package grammer_demo;

Pnblic class cart{
    Pnblic static void main(String[]args){
    int password = 751248;
    int key = 1;
System.out.println("原密码"+password);
password = password<<key;
System.out.println("经过左移运算加密后的结果是:"+password);
password = password>>key;
System.out.println("经过右移运算加密后的结果是:"+password);
}
}
```

```
package grammer_demo;

Public class two{
  Public static void main(String[]args){
  int weight=180;
  int weight2=200;

  boolean b=weight==weight2?true:false;
  System.ont.println("b:"+b);
}
}
```

```
package grammer_demo;

Public class zidong{
  Public static void main(string[]args){
  byte b=127;
  int i=150;
  float f=452.12f;
  char c='a';
  double d=45.46245;

  System.out.println("byte与float运算结果:"+(b+f));
  System.out.println("byte与int运算结果:"+(b*i));
  System.out.println("byte与char运算结果:"+(b/c));
  System.out.println("double与char运算结果:"+(d/c));
```

```
package grammer_demo;

public class BMIexponent{
    public static void main(String[] args){
    double height=1.72;
    int weight=70;
    double BMI=weight/(height*height);
    System.out.println("你的身高为:"+height);
    System.out.println("你的体重为:"+weight);
    System.out.println("你的BMI为:"+BMI);
    System.out.println("你的体重属于:");
    if (BMI<18.5){
        System.out.println("体重过轻");
    }
    if (BMI>=18.5&&BMI<24.9){
        System.out.println("体重正常");
    }
    if (BMI>=24.9){
        System.out.println("体重过重");
    }
}
}
```