# 12 章

## 12-1

**1.**

```
package exercise;
public class Ex12_01_1 {
    public static void main(String[] args){
        dispRandom();
    }
    public static void dispRandom(){
        System.out.println(Math.random());
    }
}
```

## 12-2

**1.**

```
package exercise;
public class Ex12_02_1 {
    public static void main(String[] args) {
        greet("田中宏", 1);
    }
    public static void greet(String name, int sex){
        if(sex==1){
            System.out.println("こんにちは"+name+"くん");
        }else{
            System.out.println("こんにちは"+ name+ "さん");
        }
    }
}
```

## 12-3

**1.**

```
package exercise;
import lib.Input;
public class Ex12_03_1 {
    public static void main(String[] args) {
        int       tanka    = Input.getInt("単価");
        double    ritu     = Input.getDouble("税率");
        System.out.println("税額="+ tax(tanka, ritu));
    }
    public   static int   tax(int tanka, double ritu){
        return (int)(tanka * ritu);
```

```
    }
}
```

## 12-4

**1. C　D　F　G**

引数構成（型、並び順、数）が違うものだけがオーバーロードできるメソッドである。

## 12-5

**1.**

```
package exercise;
import lib.Input;
public class Ex12_05_1 {
    public static void main(String[] args) {
        int kosu      = Input.getInt("個数");
        int tanka     = Input.getInt("単価");

        int sougaku =     kosu * tanka;
        double ritu = nebikiRitu(kosu);

        print(sougaku, ritu);
    }
    public static double nebikiRitu(int kosu){
        double ritu;
        if(kosu<100){
            ritu = 0;
        }else if(kosu<500){
            ritu = 0.05;
        }else{
            ritu = 0.1;
        }
        return ritu;
    }
    public static void print(int sougaku, double ritu){
        int nebiki = (int)(sougaku*ritu);
        System.out.println("販売額＝"+sougaku+"円");
        System.out.println("値引き＝" + nebiki+"円");
        System.out.println("売　上＝" + (sougaku - nebiki)+"円");
    }
}
```