





涉及浮点数计算的时候，将double数\*100或者 \*1000转成整形，相加或者其他运算处理完之后再除回去，避免精度丢失问题




Java代码  

```
1. public class Num
2. {
3.     public static void main(String[] args)
4.     {
5.         float f = 20014999;
6.         double d = f;
7.         double d2 = 20014999;
8.
9.         System.out.println("f=" + f);
10.        System.out.println("d=" + d);
11.        System.out.println("d2=" + d2);
12.    }
13. }
```

Java代码  

```
1. //结果
2.
3. f=2.0015E7
4. d=2.0015E7
5. d2=2.0014999E7
```

```
15
16
17         float a=0.01F;
18         System.out.println("f=" + a*5);
19
20     }
21 }
22
```

 Problems @ Javadoc  Declaration  Console 

<terminated> TestFloatDouble [Java Application] /Library/Java/JavaVirtualMachines/jdk1.8.0\_112.jc  
f=0.049999997

```
15  
16  
17     float a=0.01F;  
18     System.out.println("f=" + a*1000*5/1000);  
19  
20 }  
21 }  
22
```

Problems @ Javadoc Declaration Console

<terminated> TestFloatDouble [Java Application] /Library/Java/JavaVirtualMachines/jdk1.8.0\_112.j  
f=0.05

<http://do-ho.iteye.com/blog/919439> 通过 **String** 结合 **BigDecimal** 或者通过使用 **long** 类型来转换。