完成第一阶段任务的类图编程, 其他要求:

- 1) 每个类的撰写必须符合Sun公司编程规范、必须有注释
- 2) 至少有2个类必须包含toString方法和equals方法
- 3) 增加策略设计模式的应用
- 4) 增加文件读写功能
- 5) 增加界面

注意:如果在第一阶段任务的需求和类图有变化,则在第二阶段编程实现时,把新需求和新类图附上同时附上。

- (1) 完成,符合类撰写规范,方法和类都有注释
- (2) 完成, Skirt类和Dress类包含toString方法和equals方法

```
@Override
public String toString() {
    return super.toString() +
        String.format("\n%-30s%s\n%-30s%s\n%-30s%s\n%-30s%s\n%-30s%s\n%-30s%s\n%-30s%s\n%-30s%s\n%-30s%s\n%-30s%s\n%-30s%s\n%-30s%s\n%-30s%s\n%-30s%s\n%-30s%s\n%-30s%s\n%-30s%s\n%-30s%s\n%-30s%s\n%-30s%s\n%-30s%s\n%-30s%s\n%-30s%s\n%-30s%s\n%-30s%s\n%-30s%s\n%-30s%s\n%-30s%s\n%-30s%s\n%-30s%s\n%-30s%s\n%-30s%s\n%-30s%s\n%-30s%s\n%-30s%s\n%-30s%s\n%-30s%s\n%-30s%s\n%-30s%s\n%-30s%s\n%-30s%s\n%-30s%s\n%-30s%s\n%-30s%s\n%-30s%s\n%-30s%s\n%-30s%s\n%-30s%s\n%-30s%s\n%-30s%s\n%-30s%s\n%-30s%s\n%-30s%s\n%-30s%s\n%-30s%s\n%-30s%s\n%-30s%s\n%-30s%s\n%-30s%s\n%-30s%s\n%-30s%s\n%-30s%s\n%-30s%s\n%-30s%s\n%-30s%s\n%-30s%s\n%-30s%s\n%-30s%s\n%-30s%s\n%-30s%s\n%-30s%s\n%-30s%s\n%-30s%s\n%-30s%s\n%-30s%s\n%-30s%s\n%-30s%s\n%-30s%s\n%-30s%s\n%-30s%s\n%-30s%s\n%-30s%s\n%-30s%s\n%-30s%s\n%-30s%s\n%-30s%s\n%-30s%s\n%-30s%s\n%-30s%s\n%-30s%s\n%-30s%s\n%-30s%s\n%-30s%s\n%-30s%s\n%-30s%s\n%-30s%s\n%-30s%s\n%-30s%s\n%-30s%s\n%-30s%s\n%-30s%s\n%-30s%s\n%-30s%s\n%-30s%s\n%-30s%s\n%-30s%s\n%-30s%s\n%-30s%s\n%-30s%s\n%-30s%s\n%-30s%s\n%-30s%s\n%-30s%s\n%-30s%s\n%-30s%s\n%-30s%s\n%-30s%s\n%-30s%s\n%-30s%s\n%-30s%s\n%-30s%s\n%-30s%s\n%-30s%s\n%-30s%s\n%-30s%s\n%-30s%s\n%-30s%s\n%-30s%s\n%-30s%s\n%-30s%s\n%-30s%s\n%-30s%s\n%-30s%s\n%-30s%s\n%-30s%s\n%-30s%s\n%-30s%s\n%-30s%s\n%-30s%s\n%-30s%s\n%-30s%s\n%-30s%s\n%-30s%s\n%-30s%s\n%-30s%s\n%-30s%s\n%-30s%s\n%-30s%s\n%-30s%s\n%-30s%s\n%-30s%s\n%-30s%s\n%-30s%s\n%-30s%s\n%-30s%s\n%-30s%s\n%-30s%s\n%-30s%s\n%-30s%s\n%-30s%s\n%-30s%s\n%-30s%s\n%-30s%s\n%-30s%s\n%-30s%s\n%-30s%s\n%-30s%s\n%-30s%s\n%-30s%s\n%-30s%s\n%-30s%s\n%-30s%s\n%-30s%s\n%-30s%s\n%-30s%s\n%-30s%s\n%-30s%s\n%-30s%s\n%-30s%s\n%-30s%s\n%-30s%s\n%-30s%s\n%-30s%s\n%-30s%s\n%-30s%s\n%-30s%s\n%-30s%s\n%-30s%s\n%-30s%s\n%-30s%s\n%-30s%s\n%-30s%s\n%-30s%s\n%-30s%s\n%-30s%s\n%-30s%s\n%-30s%s\n%-30s%s\n%-30s%s\n%-30s%s\n%-30s%s\n%-30s%s\n%-30s%s\n%-30s%s\n%-30s%s\n%-30s%s\n%-30s%s\n%-30s%s\n%-30s%s\n%-30s%s\n%-30s%s\n%-30s%s\n%-30s%s\n%-30s%s\n%-30s%s\n%-30s%s\n%-30s%s\n%
```

(3) 有写到相关思想,但未具体实现三个类一个接口,主要是该软件已经有了**19个类**,新增三个策略 类和一个策略接口会导致**UML类图**过于庞大,不利于查看。 (4) 在**loadClothingDataBase方法中**实现了文件读入的功能(如下图),由于是本软件是类似于淘宝的**购物系统**,不存在文件写的功能需求,故未实现文件写的功能。

(5) 完成, 实现了控制台界面 (使用方法见控制台版本操作指南.md) 和用户界面

```
choice>
there are some hot choices or you can just search other choice
other choice
1. dress 1
                 HOT
2. skirt 1
                 HOT
3. dress 5
                 HOT
4. skirt 4
                 HOT
choice> 4
                          skirt 4
name:
                         124.0
price:
                          5.0
length:
size:
color:
                         White
type:
                         Skirt
waistCircumference:
                          24.0
                          24.1
hips:
hemline:
                          Short
choosed quantity:
```

