

**

注：请先查看 [阶段二新文件\女装销售系统-名词分析结果.docx](#) 来了解系统的背景和基本介绍。

本系统为仿照**淘宝APP**的简化版软件，第一页为展示页，第二页为搜索页，第三页为详情页，第四页为购物车页

1.运行程序

打开打开src/WomenClothingSalesSystem.java,修改注释改成控制台版本。

```
public static void main(String[] args) throws IOException {
    Page[] pages = new Page[4];

    ClothingDataBase clothingDataBase = LoadClothingDataBase( fileName: "input.dat");

    WomenClothingSalesSystem app = new WomenClothingSalesSystem(pages, clothingDataBase);
    app.initialPages();

    // app.showCasePageGUI(); //用户界面版本
    // app.SearchPageGUI();
    // app.detailPageGUI();
    // app.shoppingCartPageGUI();

    app.run(); //要运行控制台版本 请注释掉上面四个app方法 第56~59行（不包括initial） 并取消app.run的注释
    //并注释掉下面 第71的GUI实例
}

/**
 * Creates a <code>WomenClothingSalesSystem</code> object.
 */
public WomenClothingSalesSystem(Page[] pages, ClothingDataBase clothingDataBase) {
    this.pages = pages;
    this.clothingDataBase = clothingDataBase;
    // this.shoppingGUI = new ShoppingGUI(); //要运行控制台版本，请注释该语句
}
```

运行后进入控制台界面，出现五个选项，其中输入[1]-[4]进入到不同的界面

```
"C:\Program Files\Java\jdk-13.0.2\bin\java

[0] Quit
[1] show the ShowcasePage
[2] show the SearchPage
[3] show the DetailPage
[4] show the ShoppingCartPage
choice>
```

2.详情页(ShowcasePage)操作指南

输入 '1' 后进入详情页，该页展示一些新品服装和热销服装，无额外操作，如下：

```
choice> 1
      Name           Price           Status
      coat_4         164.0           New
      dress_5         185.0           New
      coat_5          165.0           Hot
      skirt_3         123.0           Hot
      pants_1         141.0           Hot
      pants_4         144.0           Hot

[0] Quit
[1] show the ShowcasePage
```

3.搜索页(SearchPage)操作指南

输入 '2' 后进入搜索页，然后输入服装的**type**或**name**来搜索, 其中：

所有type: Skirt Coat Dress Pants

所有name: skirt_1 skirt_2 skirt_3 skirt_4 skirt_5 skirt_6
coat_1~6 dress_1~6 pants_1~6

输错则会报错

```
choice> 2
all type:Skirt Coat Dress Pants
all name:skirt_1 skirt_2 skirt_3 ... skirt_6 coat_1~6 dress_1~6 pants_1~6
please input the name or type of what you want to search
name or type> SKIRT_1
nothing found! try to search like 'Skirt' 'Coat' 'Dress' 'Pants' or 'skirt_1' 'dress_3'

please input the name or type of what you want to search
name or type>
```

输对后，展示搜索结果和搜索历史。

```
please input the name or type of what you want to search
name or type> Dress

      Name           Price           Type
dress_1           181.0           Dress
dress_2           182.0           Dress
dress_3           183.0           Dress
dress_4           184.0           Dress
dress_5           185.0           Dress
dress_6           186.0           Dress

searched history
SKIRT_1 (error name or type)
Dress
```

4.详情页(DetailPage)操作指南

输入 '3' 后进入详情页，然后输入'0'并输入服装的**name**来搜索(服装拥有唯一的name),或者输入1~4来直接查看一些热销服装。

```
choice> 3
there are some hot choices or you can just search other choice
0. other choice
1. dress_1           HOT
2. skirt_1           HOT
3. dress_5           HOT
4. skirt_4           HOT
choice> 0
all name:skirt_1 skirt_2 skirt_3 ... skirt_6 coat_1~6 dress_1~6 pants_1~6
please input the name of what you want to know detaily
name> skirt_3

name:           skirt_3
price:          123.0
```

然后就可以查看服装的详细信息了

```

choice> 3
there are some hot choices or you can just search other choice
0. other choice
1. dress_1          HOT
2. skirt_1          HOT
3. dress_5          HOT
4. skirt_4          HOT
choice> 4

name:                skirt_4
price:               124.0
length:              5.0
size:                L
color:               White
type:                Skirt
waistCircumference: 24.0
hips:                24.1
hemline:             Short
choosed quantity:    0

```

同时，可以对服装进行操作，选择增加数量，减少数量，直接购买或者先加入购物车。

(1) 尝试增减数量

```

waistCircumference: 24.0
hips:                24.1
hemline:             Short
choosed quantity:    0
1. add quantity      2. reduce quantity
3. buy it            4. add it to shopping cart
0. return
your choice> 1

choosed quantity: 1
1. add quantity      2. reduce quantity
3. buy it            4. add it to shopping cart
0. return
your choice> 2

choosed quantity: 0
1. add quantity      2. reduce quantity
3. buy it            4. add it to shopping cart
0. return
your choice> 1

```

(2) 尝试购买和添加到购物车

```

your choice> 1

choosed quantity: 1
1. add quantity      2. reduce quantity
3. buy it           4. add it to shopping cart
0. return
your choice> 3

You have buy 1 skirt_4 succesfully!

choosed quantity: 0
1. add quantity      2. reduce quantity
3. buy it           4. add it to shopping cart
0. return
your choice> 1

choosed quantity: 1
1. add quantity      2. reduce quantity
3. buy it           4. add it to shopping cart
0. return
your choice> 4

add 1 skirt_4 to shopping cart succesfully!

choosed quantity: 0

```

5.购物车页(ShoppingCartPage)操作指南

输入 '4' 后进入购物车页，可以对加入购物车中的物品进行批量操作。

```

choice> 4
please choose clothings which you want to operate

```

Choosed	Status	Name	Price	Quantity
	no choosed	skirt_4	124.0	1
	no choosed	dress_5	185.0	3
	no choosed	pants_3	143.0	8
	no choosed	coat_2	162.0	2

```

0. return
1. choose clothings
2. add all choosed
3. reduce add choosed
4. buy all choosed
5. remove all choosed
choice>

```

先输入 '1' 并根据编号来选择要进行批量操作的服装，在输入 2~5 来批量进行增加，减少，购买，移出购物车等操作。(重选一次物品，就可以取消对它的选择)

(1) 选择要批量操作的服装

```

5. remove all choosed
choice> 1

please choose by number:
1.skirt_4
2.dress_5
3.pants_3
4.coat_2
number> 4

```

Choosed Status	Name	Price	Quantity
choosed	skirt_4	124.0	1
no choosed	dress_5	185.0	3
no choosed	pants_3	143.0	8
choosed	coat_2	162.0	2

```

0. return
1. choose clothings
2. add all choosed
3. reduce add choosed
4. buy all choosed
5. remove all choosed
choice>

```

(2) 增加购物车中选中的服装数量

```

0. return
1. choose clothings
2. add all choosed
3. reduce add choosed
4. buy all choosed
5. remove all choosed
choice> 2
add all choosed clothing by 1 successfully

```

Choosed Status	Name	Price	Quantity
choosed	skirt_4	124.0	2
no choosed	dress_5	185.0	3
no choosed	pants_3	143.0	8
choosed	coat_2	162.0	3

(3) 购买选中的服装，被购买后服装的选择状态被取消

```

choice> 4
You have buy 2 skirt_4 and cost 248.0 RMB
You have buy 3 coat_2 and cost 486.0 RMB

```

Choosed Status	Name	Price	Quantity
no choosed	skirt_4	124.0	0
no choosed	dress_5	185.0	3
no choosed	pants_3	143.0	8
no choosed	coat_2	162.0	0

(4) 选择要移除出购物车的服装

```

choice> 1

please choose by number:
1.skirt_4
2.dress_5
3.pants_3
4.coat_2
number> 2

```

Choosed Status	Name	Price	Quantity
choosed	skirt_4	124.0	0
choosed	dress_5	185.0	3
no choosed	pants_3	143.0	8
no choosed	coat_2	162.0	0

(5) 移出购物车

```
choice> 5
remove skirt_4 from the shopping cart
remove dress_5 from the shopping cart
Chooosed Status      Name      Price      Quantity
no choosed           pants_3    143.0      8
no choosed            coat_2    162.0      0
```

6.推荐操作路线：

(1) 正常购买路线

(1)进入展示页-->(2)想购买两套热销服装和几条裤子-->(3)在搜索页搜索所有裤子-->(4)进入详情页-->(5)直接购买其中一套服装-->(6)将另一套热销服装和几条裤子加入购物车-->(7)进入购物车页-->(8)选择热销服装和裤子-->(9)各增加一件-->(10)购买-->(11)选择裤子-->(12)移除裤子-->(13)选择热销服装-->(14)再购买三件-->(15)移除热销服装-->(16)退出系统

(注：热销和新品随机生成，可能会与裤子(pants_1)重复，若重复就重新运行一次程序)

对应的操作指令为(指令以分号(;)分隔，以单引号(')标注；行为以括号+数字分隔)：

```
(1)  '1'
(2)  不进行操作
(3)  '2' ; 'Pants'
(4)  '3'
(5)  '1' ; '1' ; '3' ; '0'
(6)  '3' ; '2' ; '1' ; '4' ; '0' ; '3' ; '0' ; 'pants_1' ; '1' ; '1' ; '1' ;
'4' ; '0'
(7)  '4'
(8)  '1' ; '1' ; '1' ; '2'
(9)  '2'
(10) '4'
(11) '1' ; '2'
(12) '5'
(13) '1' ; '1'
(14) '2' ; '2' ; '2' ; '3' ; '2' ; '4' ;
(15) '1' ; '1' ; '5'
(16) '0' ; '0'
```

(2)非正常购买路线：

尝试在进行选择的时候，输入非法数字，非法字符串；或在进行购买和加减服装等操作时，进行一些不符合逻辑的操作，如购买零件商品等，来看看系统会不会崩溃？