参数：

String barcode//商品编码

String name //商品名称

String unit//商品单位

String price//商品价格

String num//商品数量

String shoppingList//购物清单

String Dprice//折扣价

Index file items:

ITEM000000:{

Name:

Unit:

Price:

Promotion: t/f

}

List file barcode:

{

ITEM000000,

ITEM000………

}

需求3是对需求1的升级，所以输入函数直接用文件输入吧。。。

Item item = new Item()

Discount discount = new discount()

String Dprice = item.discount(price)

Dprice = price\*discount\*Vipdicount

Privilege privilege = new privilege()//优惠活动，买二赠一

Bool promotion == true;

String num = item.privilege(name)

If username = vip username

Num=num

//vip折扣和本身折扣可以叠加，但是有折扣或是vip折扣的商品不能参与买二赠一活动

File items=(address)

File barcode=(address)

InputParser = new InputParser(items, barcode)

ShoppingTable shoppingtable = new InputParser.parser()

Pos pos = new Pos()

String shoppingList = pos.getshoppingList()

System.out.print(shoppingList)

Vuser vuser = new Vuser()

String Vipdiscount;

String Save//节省花费

String point//积分

String Vusername//vip客户姓名

String Dprice = item.discount(price)=price\*discount\*Vipdiscout;

String Save = price-Dprice;

File Vip List

InputParser = new InputParser(item,barcode,username)

ShoppingTable shoppingtable = new InputParser.parser()

String shoppingList = pos.getshoppingList()

System.out.print(shoppingList)

积分规则：

积分：0<point<=200: 每5元积1分，不足5元不积分；

积分 200<point<=500 每5元积3分，不足5元不积分；

500<point 每5元积5分，。。。。。。。。。。。。。。；

InputParser = new InputParser(items, barcode, vipusername, point)

ShoppingTable shoppingtable = new InputParser.parser()

String shoppingList = pos.getshoppingList()

System.out.print(shoppingList)

//输出积分，客户姓名，格式不变。