Instructions:

When running the .jar file, the user will be prompted to decide whether or not to load the test data. Type yes/no. Please note that commands are case sensitive.

Afterwards, the help menu will be printed, and the user can freely decide which commands to execute. The help menu has all of the possible commands as well as their description. At any point you can type help and see the menu again.

The rest of this document is specifications of the test data in the system (if choosing yes when prompted at system start).

Test Data:

Reports:

* productID=1, storeID=4, amount=3, employeeID=3, description='the dog ate it', date=Fri Apr 22 2022, defect=Damaged}
* productID=2, storeID=4, amount=6, employeeID=23, description='very sour', date=Sun Apr 24 2022, defect=Damaged}
* productID=4, storeID=4, amount=10, employeeID=24, description='broken spout', date=Thu Apr 21 2022, defect=Damaged}
* productID=4, storeID=4, amount=11, employeeID=2, description='fell on floor', date=Thu Apr 21 2022, defect=Damaged}
* {productID=9, storeID=4, amount=2, employeeID=23, description='alarm didn't go off', date=Sat Apr 23 2022, defect=Damaged}
* productID=2, storeID=4, amount=10, employeeID=23, description='', date=Thu Apr 21 2022, defect=Expired}
* productID=2, storeID=5, amount=2, employeeID=23, description='', date=Sat Apr 23 2022, defect=Expired}
* productID=2, storeID=5, amount=6, employeeID=23, description='', date=Sun Apr 24 2022, defect=Expired}
* productID=3, storeID=4, amount=3, employeeID=23, description='', date=Fri Apr 22 2022, defect=Expired}
* productID=6, storeID=4, amount=11, employeeID=23, description='', date=Thu Apr 21 2022, defect=Expired}

Sales:

* id=1, percent=15, start date=Thu Apr 21 2022, end date=Tue Apr 26 2022, categories: [9], products: [6, 2, 3]
* id=2, percent=20, start date=Thu Apr 21 2022, end date=Sun Apr 24 2022, categories: [9], products: []
* id=3, percent=5, start date=Sun Apr 24 2022, end date=Tue Apr 26 2022, categories: [], products: [6, 2, 3]
* id=4, percent=12, start date=Mon Apr 25 2022, end date=Thu Apr 28 2022, categories: [9], products: [6, 2, 3]
* id=5, percent=17, start date=Fri Apr 22 2022, end date=Wed Apr 27 2022, categories: [9], products: []

ID: 12

Name:

Organic

ID: 15

Name:

Fruits

ID: 14

Name:

Vegetables

ID: 16

Name:

Produce

ID: 13

Name:

Organic

ID: 9

Name:

Dairy

ID: 2

Name:

Small

ID: 5

Name:

Medium

ID: 3

Name:

Large

ID: 8

Name:

Yogurt

ID: 7

Name:

Milk

ID: 1

Name:

Small

ID: 4

Name:

Large

ID: 10

Name:

ToothPaste

ID: 6

Name:

Shampoo

ID: 11

Name:

Health

Key:

Category =

Product =

Example Stock Report (for store 1):

StockReport{storeID=1, productID=9, productName='yoplait strawberry', amountInStore=0, amountInWarehouse=37, amountInTotal=37, minAmountInStore=30, maxAmountInStore=90}

StockReport{storeID=1, productID=10, productName='yoplait vanilla', amountInStore=0, amountInWarehouse=37, amountInTotal=37, minAmountInStore=30, maxAmountInStore=90}

StockReport{storeID=1, productID=7, productName='Tara 1L', amountInStore=0, amountInWarehouse=37, amountInTotal=37, minAmountInStore=30, maxAmountInStore=90}

StockReport{storeID=1, productID=8, productName='Tnuva 1L', amountInStore=0, amountInWarehouse=37, amountInTotal=37, minAmountInStore=30, maxAmountInStore=90}

StockReport{storeID=1, productID=5, productName='Hawaii', amountInStore=0, amountInWarehouse=37, amountInTotal=37, minAmountInStore=30, maxAmountInStore=90}

StockReport{storeID=1, productID=6, productName='Crest', amountInStore=0, amountInWarehouse=37, amountInTotal=37, minAmountInStore=30, maxAmountInStore=90}

StockReport{storeID=1, productID=1, productName='tomato', amountInStore=0, amountInWarehouse=37, amountInTotal=37, minAmountInStore=30, maxAmountInStore=90}

StockReport{storeID=1, productID=2, productName='tomato', amountInStore=0, amountInWarehouse=37, amountInTotal=37, minAmountInStore=30, maxAmountInStore=90}

StockReport{storeID=1, productID=4, productName='melon', amountInStore=0, amountInWarehouse=37, amountInTotal=37, minAmountInStore=30, maxAmountInStore=90}

StockReport{storeID=1, productID=3, productName='strawberry', amountInStore=0, amountInWarehouse=37, amountInTotal=37, minAmountInStore=30, maxAmountInStore=90}

Possible commands are:

list products list of all the products in catalog

list categories list of all the different categories

list products in category list all products in specified category/ies

add items add items to a store/receive delivery from supplier

move items move product's items from the warehouse to the store

buy items buy items from a store

return items return a previously purchased product's items to the store

add product to store add a product to specific store in system

remove product from store add a product to specific store in system

add sale create a new sale

remove sale remove future or current sale from the system

add product add a new product

delete product delete product from catalog

change product name change product name

change product price change product price

change product min change min amount of product in a store before warning

change product max change max recommended amount of product in a store

add category create a new category

delete category delete an existing category

change category parent change a category's "parent" category

change category name change a category's name

change product category move a product to a new category

min stock report prints stock report of items under the min amount

store stock report report of stock in specified stores and categories

sale history by product see history of sales on a specific product

sale history by category see history of sales on a specific category

purchase from supplier history see history of all purchases from suppliers

discount from supplier history see history of all discounts from suppliers

report expired report finding of expired items

report damaged report finding of damaged items

expired items print a report of expired items

damaged items print a report of damaged items

defective items print a report of defective (damaged and expired together) items

add supplier to product adds a supplier as one of the product's suppliers

remove supplier from product removes a supplier from list of product's suppliers

add store add a new store to the system

remove store remove store from the system

help prints this menu

q quits program