

GIT Department of Computer Engineering
CSE 222/505 - Spring 2021
Homework 6 Report

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SYSTEM REQUIREMENTS:

I created this homework on Windows 10 using terminal (Java Development Kit). My java version is 11.0.8. You need to compile "driver.java" in order to test my homework. There are java files, a folder named "Javadoc" that includes javadoc files and report file in my homework.

PROBLEM SOLUTION APPROACH:

I wrote the "Sorts.txt" file that contains 3 types of sort methods (Insertion, Heap and Quick Sort). These methods use Comparator inner classes of Product Class.

I used requested data structures as follows:

ArrayList: I used ArrayList for storing searched Products. Reason is sorting with ArrayList is easy.

LinkedList: I used LinkedList for storing Categories of a Product. Each sub Category is stored in a Node of the LinkedList. Reason is categories have hierarchy and LinkedList is appropriate for that.

Queue: I used DequeArray for storing Products in method that displays Products of a Trader. Each Product that its Trader is equals to input is stored in that.

Tree: I used TreeSet for storing Orders in Trader Class. Each time a Trader checks for Orders, TreeSet is filled with that Trader's Order objects. Reason is, There will be a lot of Orders. So, Tree's operations will take $O(\log n)$ time. It will be more efficient.

Hash Table: I used HashMap for storing Users. Hash Table's Key is userID and value is User object. Reason is, I need to store Users. So, Hash Table is the most suitable for that task.

I read "e-commerce-samples.csv" and created "products.txt", "users.txt" and "orders.txt". "products.txt" has all of the information of each Product. These products are stored in order by their Trader in that txt file. With that approach, Queries by Trader names will be more efficient.

Simply, difference between "e-commerce-samples.csv" and "products.txt" is "products.txt" is sorted and other one is not. "users.txt" is the file that stores all of the Users in the system. Users are stored in that file by that Order :
Customer/Trader -> Name -> ID -> password

"orders.txt" is the file that stores all of the Orders in the system. Orders are stored in that file by that Order :

Order's ID -> Product's ID -> Trader's Name -> Customer's ID -> Order Status

Login/Register:

User ID is 8 digit number and password is 6 digits String. By default, i set passwords "123456". User ID's are unique. Trader's ID's are between 10000000 and 10003179. You can look at the "users.txt" and test login/register methods. Whenever, user enters something doesn't match these requirements prints error message.

All of the Users are read from "users.txt" and stored in the Hash Table.

There is only 1 register method and that is for Customers.

Login is for both of the User types. If there is a User with the inputs returns the User object otherwise, returns null.

Trader's Methods:

Add: Adds the wanted Product to the "products.txt" at the first line that Trader's part. (Since, txt file is sorted by Trader's name). In order to perform that, reads the "products.txt" and writes the information to another file until it finds the first line that contains Trader's name. Then writes the new Product to new created file. Then, reads the rest of the "products.txt" and writes it to other file. Deletes the old file and renames the new file to "products.txt"

Remove:

Simply removes the Product from "products.txt". In order to perform that, reads the "products.txt" and writes the information to another file until it finds the line that contains the input productID. It doesn't write that line to other file. But, writes rest of the "products.txt" to new created file. Deletes the old file and renames the new file to "products.txt"

Modify:

In order to perform that, reads the "products.txt" and writes the information to another file until it finds the line that contains the input productID. It writes the new information to other file. Then, writes rest of the "products.txt" to new created file. Deletes the old file and renames the new file to "products.txt"

Check Orders:

Reads "orders.txt" and finds the lines that Trader Name is same with the Trader that performing. Creates new Order objects and stores them at the Tree. Then prints those Orders.

Meet/Cancel Order:

Changes the Order's Status to "MET". In order to perform that, reads the "orders.txt" and writes the information to another file until it finds the line that contains the input productID. It doesn't write that line to other file. But, writes rest of the "orders.txt" to new created file. Then, writes the Order's information to end of the file. Its Status is "MET". Deletes the old file and renames the new file to "orders.txt". Cancel is same. But, status changes to "CANCELED".

Customer's Methods:

Search:

This method takes a String and reads the "products.txt". When read line contains input creates a Product object and adds to the end of the ArrayList. Only the Products that contains input String at its name or description will be loaded to memory. All of the products in the txt file won't be loaded.

Display Products of a Trader:

This method takes a String and reads the "products.txt". When, input String is found in a line creates a Product object and adds to the Queue. At that point, when a line that doesn't contain input String is found, exits the method. With that approach, querying with trader name will be way more efficient. Since, it will stop when all of the lines that contains input is found. It won't read all of the file.

Filter by Category:

For that task, i created a method like a menu. At each step, sub categories will be printed to the user. User will select a sub category and new sub categories will be printed. When User types -1 filtering will end and input ArrayList will contain the filtered Products.

All the requested filters and sorts are performed on ArrayList. After executing driver method menu method will be executed.

TEST CASES:

- Registering with ID already exists – Error message will be printed
- Registering with ID with number has more than 8 digits. – Error message will be printed
- Registering with password with String has more than 6 digits. – Error message will be printed
- Registering with appropriate inputs – Successfully registers
- Login with wrong inputs – Error message will be printed.
- Login with correct inputs – Successfully logins
- Searches with input – Lists the Products
- Sort Search by Name in Increasing Order
- Sort Search by Name in Decreasing Order
- Sort Search by Price in Increasing Order
- Sort Search by Price in Decreasing Order
- Sort Search by Discount Percentage in Increasing Order
- Sort Search by Discount Percentage in Decreasing Order
- Filter Search by Category
- Filter Search by Price (Lower Threshold)
- Filter Search by Price (Upper Threshold)
- Filter Search by Price (Both Thresholds)
- Display All of the Products of a Trader
- Make order
- Check Orders of a Trader
- Meet Order with correct input
- Cancel Order with correct input
- Cancel Order with incorrect input
- Add Product
- Remove Product
- Modify Product with correct input
- Remove Product with incorrect input

SCREENSHOTS:

```
emr3s@DESKTOP-POGAK7B ~\java\cse222\hw6
$ javac Company.java
```

```
emr3s@DESKTOP-POGAK7B ~\java\cse222\hw6
$ java Company
WELCOME TO MAIN MENU
```

```
0) Exit
1) Login
2) Register New Customer
Enter a Number:
2
```

WELCOME TO CUSTOMER REGISTER MENU

```
Please Enter Your Name:
Emre
Please Enter Your ID:(8 Digits Unique Number)
10000000
Please Enter Your Password:(6 Digits String)
123123
There is already an User With Same ID
```

WELCOME TO MAIN MENU

```
0) Exit
1) Login
2) Register New Customer
Enter a Number:
```

```
emr3s@DESKTOP-POGAK7B ~/java/cse222/hw6
$ javac Company.java
```

```
emr3s@DESKTOP-POGAK7B ~/java/cse222/hw6
$ java Company
WELCOME TO MAIN MENU
```

```
0) Exit
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2) Register New Customer
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WELCOME TO CUSTOMER REGISTER MENU
```

```
Please Enter Your Name:
Emre
Please Enter Your ID:(8 Digits Unique Number)
10000000
Please Enter Your Password:(6 Digits String)
123123
There is already an User With Same ID
```

```
WELCOME TO MAIN MENU
0) Exit
1) Login
2) Register New Customer
Enter a Number:
2
WELCOME TO CUSTOMER REGISTER MENU
```

```
Please Enter Your Name:
Emre
Please Enter Your ID:(8 Digits Unique Number)
123
Please Enter Your Password:(6 Digits String)
123123
ID Should be a 8 Digit Number
```

```
WELCOME TO MAIN MENU
0) Exit
1) Login
2) Register New Customer
Enter a Number:
```



```
emr3s@DESKTOP-POGAK7B ~/java/cse222/hw6
$ javac Company.java
```

```
emr3s@DESKTOP-POGAK7B ~/java/cse222/hw6
$ java Company
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```

```
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1) Login
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Enter a Number:
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```

WELCOME TO CUSTOMER REGISTER MENU

```
Please Enter Your Name:
Emre
Please Enter Your ID:(8 Digits Unique Number)
10000000
Please Enter Your Password:(6 Digits String)
123123
There is already an User With Same ID
```

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```

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Emre
Please Enter Your ID:(8 Digits Unique Number)
123
Please Enter Your Password:(6 Digits String)
123123
ID Should be a 8 Digit Number
```

WELCOME TO MAIN MENU

```
0) Exit
1) Login
2) Register New Customer
Enter a Number:
2
```

WELCOME TO CUSTOMER REGISTER MENU

```
Please Enter Your Name:
Emre
Please Enter Your ID:(8 Digits Unique Number)
12312312
Please Enter Your Password:(6 Digits String)
11
Password Should be 6 Characters
```

WELCOME TO MAIN MENU

```
0) Exit
1) Login
2) Register New Customer
Enter a Number:

```

```
0) Exit
1) Login
2) Register New Customer
Enter a Number:
2
WELCOME TO CUSTOMER REGISTER MENU

Please Enter Your Name:
Emre
Please Enter Your ID:(8 Digits Unique Number)
10000000
Please Enter Your Password:(6 Digits String)
123123
There is already an User With Same ID
```

WELCOME TO MAIN MENU

```
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1) Login
2) Register New Customer
Enter a Number:
2
WELCOME TO CUSTOMER REGISTER MENU
```

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Emre
Please Enter Your ID:(8 Digits Unique Number)
123
Please Enter Your Password:(6 Digits String)
123123
ID Should be a 8 Digit Number
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1) Login
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Password Should be 6 Characters
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```
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1) Login
2) Register New Customer
Enter a Number:
2
WELCOME TO CUSTOMER REGISTER MENU
```

```
Please Enter Your Name:
Emre
Please Enter Your ID:(8 Digits Unique Number)
12312312
Please Enter Your Password:(6 Digits String)
123123
Customer Registered to the System
WELCOME TO MAIN MENU
```

```
0) Exit
1) Login
2) Register New Customer
Enter a Number:
```

Please Enter Your Password:(6 Digits String)

123123

There is already an User With Same ID

WELCOME TO MAIN MENU

0) Exit

1) Login

2) Register New Customer

Enter a Number:

2

WELCOME TO CUSTOMER REGISTER MENU

Please Enter Your Name:

Emre

Please Enter Your ID:(8 Digits Unique Number)

123

Please Enter Your Password:(6 Digits String)

123123

ID Should be a 8 Digit Number

WELCOME TO MAIN MENU

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1) Login

2) Register New Customer

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1) Login

2) Register New Customer

Enter a Number:

2

WELCOME TO CUSTOMER REGISTER MENU

Please Enter Your Name:

Emre

Please Enter Your ID:(8 Digits Unique Number)

12312312

Please Enter Your Password:(6 Digits String)

123123

Customer Registered to the System

WELCOME TO MAIN MENU

0) Exit

1) Login

2) Register New Customer

Enter a Number:

1

WELCOME TO LOGIN MENU

Please Enter Your ID:(8 Digits Unique Number)

9999999

Please Enter Your Password:(6 Digits String)

123123

Login Failed. Please Try Again

WELCOME TO LOGIN MENU

Please Enter Your ID:(8 Digits Unique Number)

```

Enter a Number:
2
WELCOME TO CUSTOMER REGISTER MENU

Please Enter Your Name:
Emre
Please Enter Your ID:(8 Digits Unique Number)
123
Please Enter Your Password:(6 Digits String)
123123
ID Should be a 8 Digit Number

WELCOME TO MAIN MENU

0) Exit
1) Login
2) Register New Customer
Enter a Number:
2
WELCOME TO CUSTOMER REGISTER MENU

Please Enter Your Name:
Emre
Please Enter Your ID:(8 Digits Unique Number)
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Password Should be 6 Characters

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1) Login
2) Register New Customer
Enter a Number:
2
WELCOME TO CUSTOMER REGISTER MENU

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Emre
Please Enter Your ID:(8 Digits Unique Number)
12312312
Please Enter Your Password:(6 Digits String)
123123
Customer Registered to the System
WELCOME TO MAIN MENU

0) Exit
1) Login
2) Register New Customer
Enter a Number:
1
WELCOME TO LOGIN MENU

Please Enter Your ID:(8 Digits Unique Number)
9999999
Please Enter Your Password:(6 Digits String)
123123
Login Failed. Please Try Again
WELCOME TO LOGIN MENU

Please Enter Your ID:(8 Digits Unique Number)
12312312
Please Enter Your Password:(6 Digits String)
123123

WELCOME TO CUSTOMER MENU

You are logged in as Customer [Name: Emre - ID: 12312312]

Please Enter the Product You Want to Search:

```

```
~/java/cse222/hw6
Please Enter Your ID:(8 Digits Unique Number)
12312312
Please Enter Your Password:(6 Digits String)
123123
Customer Registered to the System
WELCOME TO MAIN MENU

0) Exit
1) Login
2) Register New Customer
Enter a Number:
1
WELCOME TO LOGIN MENU

Please Enter Your ID:(8 Digits Unique Number)
9999999
Please Enter Your Password:(6 Digits String)
123123
Login Failed. Please Try Again
WELCOME TO LOGIN MENU

Please Enter Your ID:(8 Digits Unique Number)
12312312
Please Enter Your Password:(6 Digits String)
123123
WELCOME TO CUSTOMER MENU

You are logged in as Customer [Name: Emre - ID: 12312312]

Please Enter the Product You Want to Search:
Camera
SEARCH RESULTS:
0)PRODUCT NAME: Wildcraft Digital Pouch Travel BagTRADER: Wildcraft DISCOUNTED PRICE: 395.0
1)PRODUCT NAME: V & B GALLERY Universal 3 in 1 Clip Camera professional class Kit (fish eye, wide angle and macro lens) Mobile Phone LensTRADER: V & B GALLERY DISCOUNTED PRICE: 169.0
2)PRODUCT NAME: Uniross HYB 210 9V BT Ready to Use Camera Battery ChargerTRADER: Uniross DISCOUNTED PRICE: 444.0
3)PRODUCT NAME: Uniross Compact 9V Battery Charger & 4U AA 1000 Series Rechargeable Battery Camera Battery ChargerTRADER: Uniross DISCOUNTED PRICE: 790.0
4)PRODUCT NAME: Storite 5 Pack 2.0 A to Micro B 5 Pin Hi-Speed for External Hard Drives/Digital Cameras/Mobile Phones (150cm - 4.5 Foot - 1.5M) USB CableTRADER: Storite DISCOUNTED PRICE: 299.0
5)PRODUCT NAME: Speedwav 1 Rear View Mirror Screen, 1 4.3 Screen & Camera-Chevrolet Optra SRV ComboTRADER: Speedwav DISCOUNTED PRICE: 3498.0
6)PRODUCT NAME: Speedwav 1 Rear View Mirror Screen, 1 4.3 Inch Screen & Camera-Renault Fluence ComboTRADER: Speedwav DISCOUNTED PRICE: 3383.0
7)PRODUCT NAME: SD Extension Arm Rail Camera MountTRADER: SD DISCOUNTED PRICE: 949.0
8)PRODUCT NAME: Saihan SHN-FPLH52 Lens HoodTRADER: Saihan DISCOUNTED PRICE: 399.0
9)PRODUCT NAME: Riddhi Siddhi CloneTRADER: Riddhi Siddhi DISCOUNTED PRICE: 299.0
10)PRODUCT NAME: Rapter BNC-179 BNC Wire ConnectorTRADER: Rapter DISCOUNTED PRICE: 1400.0
11)PRODUCT NAME: Rapter BNC-047 BNC Wire ConnectorTRADER: Rapter DISCOUNTED PRICE: 899.0
12)PRODUCT NAME: Power Smart Quick Charging Pack For PAN CGR-DU-21 Digi Camcorder Camera Battery ChargerTRADER: Power Smart DISCOUNTED PRICE: 790.0
13)PRODUCT NAME: Power Smart Quick Charging Pack For PAN CGR-D28 D320 Digi Camcorder Camera Battery ChargerTRADER: Power Smart DISCOUNTED PRICE: 790.0
14)PRODUCT NAME: Power Smart Quick Charging Pack For PAN CGAS005E DMWBMA7 Digi Camcorder Camera Battery ChargerTRADER: Power Smart DISCOUNTED PRICE: 790.0
15)PRODUCT NAME: Power Smart Quick Charging Pack For PAN CGA-S008 Digi Camcorder Camera Battery ChargerTRADER: Power Smart DISCOUNTED PRICE: 790.0
16)PRODUCT NAME: Power Smart Quick Charging Pack For CAS NP60 Digi Camcorder Camera Battery ChargerTRADER: Power Smart DISCOUNTED PRICE: 790.0
17)PRODUCT NAME: Power Smart Quick Charging Pack For CANN NB11 Digi Camcorder Camera Battery ChargerTRADER: Power Smart DISCOUNTED PRICE: 790.0
18)PRODUCT NAME: Polaroid .43X Hd Wide Angle Lens 52Mm LensTRADER: Polaroid DISCOUNTED PRICE: 7574.0
19)PRODUCT NAME: MICRoi HD AHD DVR 4 Channel Home Security CameraTRADER: MICRoi DISCOUNTED PRICE: 4700.0
20)PRODUCT NAME: kits kart Pouch for HTC One M9+ Supreme CameraTRADER: kits kart DISCOUNTED PRICE: 454.0
21)PRODUCT NAME: Emagica Home Security 1 Channel Home Security CameraTRADER: Emagica DISCOUNTED PRICE: 2420.0
22)PRODUCT NAME: Camelion BC-1012 Camera Battery ChargerTRADER: Camelion DISCOUNTED PRICE: 1276.0
23)PRODUCT NAME: BnC Universal 3 in 1 Cell Phone Camera Lens Mobile Phone LensTRADER: BnC DISCOUNTED PRICE: 494.0
24)PRODUCT NAME: "Ravetech 7"" Mp5 Mirror monitor, car rear view camera Combo"TRADER: Ravetech DISCOUNTED PRICE: 4495.0

0) Get Back To Search:
1) Sort Search by Name in Increasing Order:
2) Sort Search by Name in Decreasing Order:
3) Sort Search by Price in Increasing Order:
4) Sort Search by Price in Decreasing Order:
5) Sort Search by Discount Percentage in Increasing Order:
6) Sort Search by Discount Percentage in Decreasing Order:
7) Filter Search by Categories:
8) Filter Search by Price:
9) Filter Search by Trader:
10) Select Product to Order:
Enter a number to Select One of the Options Above:
```

6)PRODUCT NAME: Speedway 1 Rear View Mirror Screen, 1 4.3 Inch Screen & Camera-Renault Fluence ComboTRADER: Speedway DISCOUNTED PRICE: 3383.0
7)PRODUCT NAME: SD Extension Arm Rail Camera MountTRADER: SD DISCOUNTED PRICE: 949.0
8)PRODUCT NAME: Saihan SHN-FPLH52 Lens HoodTRADER: Saihan DISCOUNTED PRICE: 399.0
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24)PRODUCT NAME: "Ravetech 7"" Mp5 Mirror monitor, car rear view camera Combo"TRADER: Ravetech DISCOUNTED PRICE: 4495.0

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- 1) Sort Search by Name in Increasing Order:
- 2) Sort Search by Name in Decreasing Order:
- 3) Sort Search by Price in Increasing Order:
- 4) Sort Search by Price in Decreasing Order:
- 5) Sort Search by Discount Percentage in Increasing Order:
- 6) Sort Search by Discount Percentage in Decreasing Order:
- 7) Filter Search by Categories:
- 8) Filter Search by Price:
- 9) Filter Search by Trader:
- 10) Select Product to Order:

Enter a number to Select One of the Options Above:

1
0) PRODUCT NAME: "Ravetech 7"" Mp5 Mirror monitor, car rear view camera Combo"TRADER: Ravetech DISCOUNTED PRICE: 4495.0
1) PRODUCT NAME: BnC Universal 3 in 1 Cell Phone Camera Lens Mobile Phone LensTRADER: BnC DISCOUNTED PRICE: 494.0
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23) PRODUCT NAME: V & B GALLERY Universal 3 in 1 Clip Camera professional class Kit (fish eye, wide angle and macro lens) Mobile Phone Lenstrader: V & B GALLERY DISCOUNTED PRICE: 169.0
24) PRODUCT NAME: Wildcraft Digital Pouch Travel BagTRADER: Wildcraft DISCOUNTED PRICE: 395.0

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- 5) Sort Search by Discount Percentage in Increasing Order:
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10) PRODUCT NAME: Power Smart Quick Charging Pack For PAN CGA-5008 Digi Camcorder Camera Battery ChargerTRADER: Power Smart DISCOUNTED PRICE: 790.0
11) PRODUCT NAME: Power Smart Quick Charging Pack For PAN CGR-DU-21 Digi Camcorder Camera Battery ChargerTRADER: Power Smart DISCOUNTED PRICE: 790.0
12) PRODUCT NAME: Power Smart Quick Charging Pack For PAN CGR-D28 D320 Digi Camcorder Camera Battery ChargerTRADER: Power Smart DISCOUNTED PRICE: 790.0
13) PRODUCT NAME: Power Smart Quick Charging Pack For PAN CGAS005E DWBMA7 Digi Camcorder Camera Battery ChargerTRADER: Power Smart DISCOUNTED PRICE: 790.0
14) PRODUCT NAME: Uniross Compact 9V Battery Charger & 4U AA 1000 Series Rechargeable Battery Camera Battery ChargerTRADER: Uniross DISCOUNTED PRICE: 790.0
15) PRODUCT NAME: Rapter BNC-047 BNC Wire ConnectorTRADER: Rapter DISCOUNTED PRICE: 899.0
16) PRODUCT NAME: SD Extension Arm Rail Camera MountTRADER: SD DISCOUNTED PRICE: 949.0
17) PRODUCT NAME: Camellion BC-1012 Camera Battery ChargerTRADER: Camellion DISCOUNTED PRICE: 1276.0
18) PRODUCT NAME: Rapter BNC-179 BNC Wire ConnectorTRADER: Rapter DISCOUNTED PRICE: 1400.0
19) PRODUCT NAME: Emagica Home Security 1 Channel Home Security CameraTRADER: Emagica DISCOUNTED PRICE: 2420.0
20) PRODUCT NAME: Speedwav 1 Rear View Mirror Screen, 1 4.3 Inch Screen & Camera-Renault Fluence ComboTRADER: Speedwav DISCOUNTED PRICE: 3383.0
21) PRODUCT NAME: Speedwav 1 Rear View Mirror Screen, 1 4.3 Screen & Camera-Chevrolet Optra SRV ComboTRADER: Speedwav DISCOUNTED PRICE: 3498.0
22) PRODUCT NAME: "Ravetech 7"" Mp5 Mirror monitor, car rear view camera Combo"TRADER: Ravetech DISCOUNTED PRICE: 4495.0
23) PRODUCT NAME: MICROi HD AHD DVR 4 Channel Home Security CameraTRADER: MICROi DISCOUNTED PRICE: 4700.0
24) PRODUCT NAME: Polaroid .43X Hd Wide Angle Lens 52Mm LensTRADER: Polaroid DISCOUNTED PRICE: 7574.0

0) Get Back To Search:
1) Sort Search by Name in Increasing Order:
2) Sort Search by Name in Decreasing Order:
3) Sort Search by Price in Increasing Order:
4) Sort Search by Price in Decreasing Order:
5) Sort Search by Discount Percentage in Increasing Order:
6) Sort Search by Discount Percentage in Decreasing Order:
7) Filter Search by Categories:
8) Filter Search by Price:
9) Filter Search by Trader:
10) Select Product to Order:
Enter a number to Select One of the Options Above:
4
0) PRODUCT NAME: Polaroid .43X Hd Wide Angle Lens 52Mm LensTRADER: Polaroid DISCOUNTED PRICE: 7574.0
1) PRODUCT NAME: MICROi HD AHD DVR 4 Channel Home Security CameraTRADER: MICROi DISCOUNTED PRICE: 4700.0
2) PRODUCT NAME: "Ravetech 7"" Mp5 Mirror monitor, car rear view camera Combo"TRADER: Ravetech DISCOUNTED PRICE: 4495.0
3) PRODUCT NAME: Speedwav 1 Rear View Mirror Screen, 1 4.3 Screen & Camera-Chevrolet Optra SRV ComboTRADER: Speedwav DISCOUNTED PRICE: 3498.0
4) PRODUCT NAME: Speedwav 1 Rear View Mirror Screen, 1 4.3 Inch Screen & Camera-Renault Fluence ComboTRADER: Speedwav DISCOUNTED PRICE: 3383.0
5) PRODUCT NAME: Emagica Home Security 1 Channel Home Security CameraTRADER: Emagica DISCOUNTED PRICE: 2420.0
6) PRODUCT NAME: Rapter BNC-179 BNC Wire ConnectorTRADER: Rapter DISCOUNTED PRICE: 1400.0
7) PRODUCT NAME: Camellion BC-1012 Camera Battery ChargerTRADER: Camellion DISCOUNTED PRICE: 1276.0
8) PRODUCT NAME: SD Extension Arm Rail Camera MountTRADER: SD DISCOUNTED PRICE: 949.0
9) PRODUCT NAME: Rapter BNC-047 BNC Wire ConnectorTRADER: Rapter DISCOUNTED PRICE: 899.0
10) PRODUCT NAME: Power Smart Quick Charging Pack For PAN CGR-DU-21 Digi Camcorder Camera Battery ChargerTRADER: Power Smart DISCOUNTED PRICE: 790.0
11) PRODUCT NAME: Power Smart Quick Charging Pack For PAN CGR-D28 D320 Digi Camcorder Camera Battery ChargerTRADER: Power Smart DISCOUNTED PRICE: 790.0
12) PRODUCT NAME: Power Smart Quick Charging Pack For PAN CGAS005E DWBMA7 Digi Camcorder Camera Battery ChargerTRADER: Power Smart DISCOUNTED PRICE: 790.0
13) PRODUCT NAME: Uniross Compact 9V Battery Charger & 4U AA 1000 Series Rechargeable Battery Camera Battery ChargerTRADER: Uniross DISCOUNTED PRICE: 790.0
14) PRODUCT NAME: Power Smart Quick Charging Pack For PAN CGA-5008 Digi Camcorder Camera Battery ChargerTRADER: Power Smart DISCOUNTED PRICE: 790.0
15) PRODUCT NAME: Power Smart Quick Charging Pack For CAS NP60 Digi Camcorder Camera Battery ChargerTRADER: Power Smart DISCOUNTED PRICE: 790.0
16) PRODUCT NAME: Power Smart Quick Charging Pack For CANN NB1L Digi Camcorder Camera Battery ChargerTRADER: Power Smart DISCOUNTED PRICE: 790.0
17) PRODUCT NAME: BnC Universal 3 in 1 Cell Phone Camera Lens Mobile Phone LensTRADER: BnC DISCOUNTED PRICE: 494.0
18) PRODUCT NAME: kits kart Pouch for HTC One M9+ Supreme CameraTRADER: kits kart DISCOUNTED PRICE: 454.0
19) PRODUCT NAME: Uniross HYB 210 9V BT Ready to Use Camera Battery ChargerTRADER: Uniross DISCOUNTED PRICE: 444.0
20) PRODUCT NAME: Saihan SHN-FPLH52 Lens HoodTRADER: Saihan DISCOUNTED PRICE: 399.0
21) PRODUCT NAME: Wildcraft Digital Pouch Travel BagTRADER: Wildcraft DISCOUNTED PRICE: 395.0
22) PRODUCT NAME: Storite 5 Pack 2.0 A to Micro B 5 Pin Hi-Speed for External Hard Drives/Digital Cameras/Mobile Phones (150cm - 4.5 Foot - 1.5M) USB CableTRADER: Storite DISCOUNTED PRICE: 299.0
23) PRODUCT NAME: Riddhi Siddhi CloneTRADER: Riddhi Siddhi DISCOUNTED PRICE: 299.0
24) PRODUCT NAME: V & B GALLERY Universal 3 in 1 Clip Camera professional class Kit (Fish eye, wide angle and macro lens) Mobile Phone LensTRADER: V & B GALLERY DISCOUNTED PRICE: 169.0

0) Get Back To Search:
1) Sort Search by Name in Increasing Order:
2) Sort Search by Name in Decreasing Order:
3) Sort Search by Price in Increasing Order:
4) Sort Search by Price in Decreasing Order:
5) Sort Search by Discount Percentage in Increasing Order:
6) Sort Search by Discount Percentage in Decreasing Order:
7) Filter Search by Categories:
8) Filter Search by Price:
9) Filter Search by Trader:
10) Select Product to Order:
Enter a number to Select One of the Options Above:

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-/java/cse222/hw6
6) PRODUCT NAME: SD Extension Arm Rail Camera MountTRADER: SD DISCOUNTED PRICE: 949.0
7) PRODUCT NAME: Power Smart Quick Charging Pack For PAN CGR-DU-21 Digi Camcorder Camera Battery ChargerTRADER: Power Smart DISCOUNTED PRICE: 790.0
8) PRODUCT NAME: Power Smart Quick Charging Pack For PAN CGR-D28 D320 Digi Camcorder Camera Battery ChargerTRADER: Power Smart DISCOUNTED PRICE: 790.0
9) PRODUCT NAME: Power Smart Quick Charging Pack For PAN CGAS005E DMWBMA7 Digi Camcorder Camera Battery ChargerTRADER: Power Smart DISCOUNTED PRICE: 790.0
10) PRODUCT NAME: Power Smart Quick Charging Pack For PAN CGA-S008 Digi Camcorder Camera Battery ChargerTRADER: Power Smart DISCOUNTED PRICE: 790.0
11) PRODUCT NAME: Power Smart Quick Charging Pack For CAS NP60 Digi Camcorder Camera Battery ChargerTRADER: Power Smart DISCOUNTED PRICE: 790.0
12) PRODUCT NAME: Power Smart Quick Charging Pack For CANN NB11 Digi Camcorder Camera Battery ChargerTRADER: Power Smart DISCOUNTED PRICE: 790.0
13) PRODUCT NAME: Rapter BNC-047 BNC Wire ConnectorTRADER: Rapter DISCOUNTED PRICE: 899.0
14) PRODUCT NAME: Emagica Home Security 1 Channel Home Security CameraTRADER: Emagica DISCOUNTED PRICE: 2420.0
15) PRODUCT NAME: MICROi HD AHD DVR 4 Channel Home Security CameraTRADER: MICROi DISCOUNTED PRICE: 4700.0
16) PRODUCT NAME: Rapter BNC-179 BNC Wire ConnectorTRADER: Rapter DISCOUNTED PRICE: 1400.0
17) PRODUCT NAME: Riddhi Siddhi CloneTRADER: Riddhi Siddhi DISCOUNTED PRICE: 299.0
18) PRODUCT NAME: "Ravetech 7"" Mp5 Mirror monitor, car rear view camera Combo"TRADER: Ravetech DISCOUNTED PRICE: 4495.0
19) PRODUCT NAME: kits kart Pouch for HTC One M9+ Supreme CameraTRADER: kits kart DISCOUNTED PRICE: 454.0
20) PRODUCT NAME: Speedwav 1 Rear View Mirror Screen, 1 4.3 Screen & Camera-Chevrolet Optra SRV ComboTRADER: Speedwav DISCOUNTED PRICE: 3498.0
21) PRODUCT NAME: Speedwav 1 Rear View Mirror Screen, 1 4.3 Inch Screen & Camera-Renault Fluence ComboTRADER: Speedwav DISCOUNTED PRICE: 3383.0
22) PRODUCT NAME: Storite 5 Pack 2.0 A to Micro B 5 Pin Hi-Speed for External Hard Drives/Digital Cameras/Mobile Phones (150cm - 4.5 Foot - 1.5M) USB CableTRADER: Storite DISCOUNTED PRICE: 299.0
23) PRODUCT NAME: V & B GALLERY Universal 3 in 1 Clip Camera professional class Kit (fish eye, wide angle and macro lens) Mobile Phone LensTRADER: V & B GALLERY DISCOUNTED PRICE: 169.0
24) PRODUCT NAME: BnC Universal 3 in 1 Cell Phone Camera Lens Mobile Phone LensTRADER: BnC DISCOUNTED PRICE: 494.0
```

0) Get Back To Search:

- 1) Sort Search by Name in Increasing Order:
- 2) Sort Search by Name in Decreasing Order:
- 3) Sort Search by Price in Increasing Order:
- 4) Sort Search by Price in Decreasing Order:
- 5) Sort Search by Discount Percentage in Increasing Order:
- 6) Sort Search by Discount Percentage in Decreasing Order:
- 7) Filter Search by Categories:
- 8) Filter Search by Price:
- 9) Filter Search by Trader:
- 10) Select Product to Order:

Enter a number to Select One of the Options Above:

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6
0) PRODUCT NAME: BnC Universal 3 in 1 Cell Phone Camera Lens Mobile Phone LensTRADER: BnC DISCOUNTED PRICE: 494.0
1) PRODUCT NAME: V & B GALLERY Universal 3 in 1 Clip Camera professional class Kit (fish eye, wide angle and macro lens) Mobile Phone LensTRADER: V & B GALLERY DISCOUNTED PRICE: 169.0
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4) PRODUCT NAME: Speedwav 1 Rear View Mirror Screen, 1 4.3 Screen & Camera-Chevrolet Optra SRV ComboTRADER: Speedwav DISCOUNTED PRICE: 3498.0
5) PRODUCT NAME: kits kart Pouch for HTC One M9+ Supreme CameraTRADER: kits kart DISCOUNTED PRICE: 454.0
6) PRODUCT NAME: "Ravetech 7"" Mp5 Mirror monitor, car rear view camera Combo"TRADER: Ravetech DISCOUNTED PRICE: 4495.0
7) PRODUCT NAME: Riddhi Siddhi CloneTRADER: Riddhi Siddhi DISCOUNTED PRICE: 299.0
8) PRODUCT NAME: Rapter BNC-179 BNC Wire ConnectorTRADER: Rapter DISCOUNTED PRICE: 1400.0
9) PRODUCT NAME: MICROi HD AHD DVR 4 Channel Home Security CameraTRADER: MICROi DISCOUNTED PRICE: 4700.0
10) PRODUCT NAME: Emagica Home Security 1 Channel Home Security CameraTRADER: Emagica DISCOUNTED PRICE: 2420.0
11) PRODUCT NAME: Rapter BNC-047 BNC Wire ConnectorTRADER: Rapter DISCOUNTED PRICE: 899.0
12) PRODUCT NAME: Power Smart Quick Charging Pack For PAN CGR-DU-21 Digi Camcorder Camera Battery ChargerTRADER: Power Smart DISCOUNTED PRICE: 790.0
13) PRODUCT NAME: Power Smart Quick Charging Pack For PAN CGR-D28 D320 Digi Camcorder Camera Battery ChargerTRADER: Power Smart DISCOUNTED PRICE: 790.0
14) PRODUCT NAME: Power Smart Quick Charging Pack For PAN CGAS005E DMWBMA7 Digi Camcorder Camera Battery ChargerTRADER: Power Smart DISCOUNTED PRICE: 790.0
15) PRODUCT NAME: Power Smart Quick Charging Pack For PAN CGA-S008 Digi Camcorder Camera Battery ChargerTRADER: Power Smart DISCOUNTED PRICE: 790.0
16) PRODUCT NAME: Power Smart Quick Charging Pack For CAS NP60 Digi Camcorder Camera Battery ChargerTRADER: Power Smart DISCOUNTED PRICE: 790.0
17) PRODUCT NAME: Power Smart Quick Charging Pack For CANN NB11 Digi Camcorder Camera Battery ChargerTRADER: Power Smart DISCOUNTED PRICE: 790.0
18) PRODUCT NAME: SD Extension Arm Rail Camera MountTRADER: SD DISCOUNTED PRICE: 949.0
19) PRODUCT NAME: Uniross Compact 9V Battery Charger & 4U AA 1000 Series Rechargeable Battery Camera Battery ChargerTRADER: Uniross DISCOUNTED PRICE: 790.0
20) PRODUCT NAME: Saihan SHN-FPLH52 Lens HoodTRADER: Saihan DISCOUNTED PRICE: 399.0
21) PRODUCT NAME: Camelion BC-1012 Camera Battery ChargerTRADER: Camelion DISCOUNTED PRICE: 1276.0
22) PRODUCT NAME: Uniross HYB 210 9V BT Ready to Use Camera Battery ChargerTRADER: Uniross DISCOUNTED PRICE: 444.0
23) PRODUCT NAME: Polaroid .43X Hd Wide Angle Lens 52mm LensTRADER: Polaroid DISCOUNTED PRICE: 7574.0
24) PRODUCT NAME: Wildcraft Digital Pouch Travel BagTRADER: Wildcraft DISCOUNTED PRICE: 395.0
```

0) Get Back To Search:

- 1) Sort Search by Name in Increasing Order:
- 2) Sort Search by Name in Decreasing Order:
- 3) Sort Search by Price in Increasing Order:
- 4) Sort Search by Price in Decreasing Order:
- 5) Sort Search by Discount Percentage in Increasing Order:
- 6) Sort Search by Discount Percentage in Decreasing Order:
- 7) Filter Search by Categories:
- 8) Filter Search by Price:
- 9) Filter Search by Trader:
- 10) Select Product to Order:

Enter a number to Select One of the Options Above:


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8) Filter Search by Price:
9) Filter Search by Trader:
10) Select Product to Order:
Enter a number to Select One of the Options Above:
7
FILTER: ,
0) Any Category
1) Mobiles & Accessories
2) Automotive
3) Toys & School Supplies
4) Tools & Hardware
5) Pens & Stationery
6) Power Smart Quick Charging Pack For PAN CGR-DU-2...
7) Power Smart Quick Charging Pack For PAN CGR-D28 ...
8) Cameras & Accessories
9) Sports & Fitness
Please Enter A Number: (-1 To Finish Filtering)
9
COUNT: 2 SIZE: 25 INDEX: 1
0) Any Category
1) Outdoor & Adventure
Please Enter A Number: (-1 To Finish Filtering)
0
0) Any Category
1) Sports & Fitness
2) Mobiles & Accessories
3) Cameras & Accessories
4) Pens & Stationery
5) Power Smart Quick Charging Pack For PAN CGR-DU-2...
6) Power Smart Quick Charging Pack For PAN CGR-D28 ...
7) Tools & Hardware
8) Automotive
9) Toys & School Supplies
Please Enter A Number: (-1 To Finish Filtering)
3
COUNT: 2 SIZE: 25 INDEX: 1
0) Any Category
1) Camera Accessories
Please Enter A Number: (-1 To Finish Filtering)
1
COUNT: 0 SIZE: 10 INDEX: 0
0) Cameras & Accessories
1) Battery chargers
2) Camera Lenses
3) Camera Mounts
4) Lens Hoods
Please Enter A Number: (-1 To Finish Filtering)
-1
0) PRODUCT NAME: Camellion BC-1012 Camera Battery ChargerTRADER: Camellion DISCOUNTED PRICE: 1276.0
1) PRODUCT NAME: Polaroid .43X Hd Wide Angle Lens 52Mm LensTRADER: Polaroid DISCOUNTED PRICE: 7574.0
2) PRODUCT NAME: Power Smart Quick Charging Pack For PAN CGA-S008 Digi Camcorder Camera Battery ChargerTRADER: Power Smart DISCOUNTED PRICE: 790.0
3) PRODUCT NAME: Power Smart Quick Charging Pack For CAS NP60 Digi Camcorder Camera Battery ChargerTRADER: Power Smart DISCOUNTED PRICE: 790.0
4) PRODUCT NAME: Power Smart Quick Charging Pack For CANN NB11 Digi Camcorder Camera Battery ChargerTRADER: Power Smart DISCOUNTED PRICE: 790.0
5) PRODUCT NAME: Power Smart Quick Charging Pack For PAN CGAS005E DMWBMA7 Digi Camcorder Camera Battery ChargerTRADER: Power Smart DISCOUNTED PRICE: 790.0
6) PRODUCT NAME: SD Extension Arm Rail Camera MountTRADER: SD DISCOUNTED PRICE: 399.0
7) PRODUCT NAME: Saihan SHN-FPLH52 Lens HoodTRADER: Saihan DISCOUNTED PRICE: 399.0
8) PRODUCT NAME: Uniross Compact 9V Battery Charger & 4U AA 1000 Series Rechargeable Battery Camera Battery ChargerTRADER: Uniross DISCOUNTED PRICE: 790.0
9) PRODUCT NAME: Uniross HYB 210 9V BT Ready to Use Camera Battery ChargerTRADER: Uniross DISCOUNTED PRICE: 444.0
0) Get Back To Search:
1) Sort Search by Name in Increasing Order:
2) Sort Search by Name in Decreasing Order:
3) Sort Search by Price in Increasing Order:
4) Sort Search by Price in Decreasing Order:
5) Sort Search by Discount Percentage in Increasing Order:
6) Sort Search by Discount Percentage in Decreasing Order:
7) Filter Search by Categories:
8) Filter Search by Price:
9) Filter Search by Trader:
10) Select Product to Order:
Enter a number to Select One of the Options Above:
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7) Tools & Hardware
8) Automotive
9) Toys & School Supplies
Please Enter A Number: (-1 To Finish Filtering)
3
COUNT: 2 SIZE: 25 INDEX: 1
0) Any Category
1) Camera Accessories
Please Enter A Number: (-1 To Finish Filtering)
1
COUNT: 0 SIZE: 10 INDEX: 0
0) Cameras & Accessories
1) Battery chargers
2) Camera Lenses
3) Camera Mounts
4) Lens Hoods
Please Enter A Number: (-1 To Finish Filtering)
-1
0) PRODUCT NAME: Camellion BC-1012 Camera Battery ChargerTRADER: Camellion DISCOUNTED PRICE: 1276.0
1) PRODUCT NAME: Polaroid .43X Hd Wide Angle Lens 52Mm LensTRADER: Polaroid DISCOUNTED PRICE: 7574.0
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6) PRODUCT NAME: SD Extension Arm Rail Camera MountTRADER: SD DISCOUNTED PRICE: 949.0
7) PRODUCT NAME: Saihan SHN-FPLH52 Lens HoodTRADER: Saihan DISCOUNTED PRICE: 399.0
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9) PRODUCT NAME: Uniross HYB 210 9V BT Ready to Use Camera Battery ChargerTRADER: Uniross DISCOUNTED PRICE: 444.0

0) Get Back To Search:
1) Sort Search by Name in Increasing Order:
2) Sort Search by Name in Decreasing Order:
3) Sort Search by Price in Increasing Order:
4) Sort Search by Price in Decreasing Order:
5) Sort Search by Discount Percentage in Increasing Order:
6) Sort Search by Discount Percentage in Decreasing Order:
7) Filter Search by Categories:
8) Filter Search by Price:
9) Filter Search by Trader:
10) Select Product to Order:
Enter a number to Select One of the Options Above:
8
0) Get Back:
1) Lower Threshold:
2) Upper Threshold:
3) Both Lower/Upper Threshold:
Please Select an Option:
1
Please Enter the Lower Threshold:
700
0) PRODUCT NAME: Camellion BC-1012 Camera Battery ChargerTRADER: Camellion DISCOUNTED PRICE: 1276.0
1) PRODUCT NAME: Polaroid .43X Hd Wide Angle Lens 52Mm LensTRADER: Polaroid DISCOUNTED PRICE: 7574.0
2) PRODUCT NAME: Power Smart Quick Charging Pack For PAN CGA-S008 Digi Camcorder Camera Battery ChargerTRADER: Power Smart DISCOUNTED PRICE: 790.0
3) PRODUCT NAME: Power Smart Quick Charging Pack For CAS NP60 Digi Camcorder Camera Battery ChargerTRADER: Power Smart DISCOUNTED PRICE: 790.0
4) PRODUCT NAME: Power Smart Quick Charging Pack For CANN NB11 Digi Camcorder Camera Battery ChargerTRADER: Power Smart DISCOUNTED PRICE: 790.0
5) PRODUCT NAME: Power Smart Quick Charging Pack For PAN CGAS005E DMWBMA7 Digi Camcorder Camera Battery ChargerTRADER: Power Smart DISCOUNTED PRICE: 790.0
6) PRODUCT NAME: SD Extension Arm Rail Camera MountTRADER: SD DISCOUNTED PRICE: 949.0
7) PRODUCT NAME: Uniross Compact 9V Battery Charger & 4U AA 1000 Series Rechargeable Battery Camera Battery ChargerTRADER: Uniross DISCOUNTED PRICE: 790.0

0) Get Back To Search:
1) Sort Search by Name in Increasing Order:
2) Sort Search by Name in Decreasing Order:
3) Sort Search by Price in Increasing Order:
4) Sort Search by Price in Decreasing Order:
5) Sort Search by Discount Percentage in Increasing Order:
6) Sort Search by Discount Percentage in Decreasing Order:
7) Filter Search by Categories:
8) Filter Search by Price:
9) Filter Search by Trader:
10) Select Product to Order:
Enter a number to Select One of the Options Above:
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0) Get Back To Search:
1) Sort Search by Name in Increasing Order:
2) Sort Search by Name in Decreasing Order:
3) Sort Search by Price in Increasing Order:
4) Sort Search by Price in Decreasing Order:
5) Sort Search by Discount Percentage in Increasing Order:
6) Sort Search by Discount Percentage in Decreasing Order:
7) Filter Search by Categories:
8) Filter Search by Price:
9) Filter Search by Trader:
10) Select Product to Order:
Enter a number to Select One of the Options Above:
8
0) Get Back:
1) Lower Threshold:
2) Upper Threshold:
3) Both Lower/Upper Threshold:
Please Select an Option:
1
Please Enter the Lower Threshold:
700
0) PRODUCT NAME: Camellion BC-1012 Camera Battery ChargerTRADER: Camellion DISCOUNTED PRICE: 1276.0
1) PRODUCT NAME: Polaroid .43X Hd Wide Angle Lens 52Mm LensTRADER: Polaroid DISCOUNTED PRICE: 7574.0
2) PRODUCT NAME: Power Smart Quick Charging Pack For PAN CGA-5008 Digi Camcorder Camera Battery ChargerTRADER: Power Smart DISCOUNTED PRICE: 790.0
3) PRODUCT NAME: Power Smart Quick Charging Pack For CAS NP60 Digi Camcorder Camera Battery ChargerTRADER: Power Smart DISCOUNTED PRICE: 790.0
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6) PRODUCT NAME: SD Extension Arm Rail Camera MountTRADER: SD DISCOUNTED PRICE: 949.0
7) PRODUCT NAME: Uniross Compact 9V Battery Charger & 4U AA 1000 Series Rechargeable Battery Camera Battery ChargerTRADER: Uniross DISCOUNTED PRICE: 790.0

0) Get Back To Search:
1) Sort Search by Name in Increasing Order:
2) Sort Search by Name in Decreasing Order:
3) Sort Search by Price in Increasing Order:
4) Sort Search by Price in Decreasing Order:
5) Sort Search by Discount Percentage in Increasing Order:
6) Sort Search by Discount Percentage in Decreasing Order:
7) Filter Search by Categories:
8) Filter Search by Price:
9) Filter Search by Trader:
10) Select Product to Order:
Enter a number to Select One of the Options Above:
8
0) Get Back:
1) Lower Threshold:
2) Upper Threshold:
3) Both Lower/Upper Threshold:
Please Select an Option:
2
Please Enter the Upper Threshold:
1200
0) PRODUCT NAME: Power Smart Quick Charging Pack For PAN CGA-5008 Digi Camcorder Camera Battery ChargerTRADER: Power Smart DISCOUNTED PRICE: 790.0
1) PRODUCT NAME: Power Smart Quick Charging Pack For CAS NP60 Digi Camcorder Camera Battery ChargerTRADER: Power Smart DISCOUNTED PRICE: 790.0
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5) PRODUCT NAME: Uniross Compact 9V Battery Charger & 4U AA 1000 Series Rechargeable Battery Camera Battery ChargerTRADER: Uniross DISCOUNTED PRICE: 790.0

0) Get Back To Search:
1) Sort Search by Name in Increasing Order:
2) Sort Search by Name in Decreasing Order:
3) Sort Search by Price in Increasing Order:
4) Sort Search by Price in Decreasing Order:
5) Sort Search by Discount Percentage in Increasing Order:
6) Sort Search by Discount Percentage in Decreasing Order:
7) Filter Search by Categories:
8) Filter Search by Price:
9) Filter Search by Trader:
10) Select Product to Order:
Enter a number to Select One of the Options Above:
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7) PRODUCT NAME: Uniross Compact 9V Battery Charger & 4U AA 1000 Series Rechargeable Battery Camera Battery ChargerTRADER: Uniross DISCOUNTED PRICE: 790.0

0) Get Back To Search:
1) Sort Search by Name in Increasing Order:
2) Sort Search by Name in Decreasing Order:
3) Sort Search by Price in Increasing Order:
4) Sort Search by Price in Decreasing Order:
5) Sort Search by Discount Percentage in Increasing Order:
6) Sort Search by Discount Percentage in Decreasing Order:
7) Filter Search by Categories:
8) Filter Search by Price:
9) Filter Search by Trader:
10) Select Product to Order:
Enter a number to Select One of the Options Above:
8
0) Get Back:
1) Lower Treshold:
2) Upper Treshold:
3) Both Lower/Upper Treshold:
Please Select an Option:
2
Please Enter the Upper Treshold:
1200
0) PRODUCT NAME: Power Smart Quick Charging Pack For PAN CGA-S008 Digi Camcorder Camera Battery ChargerTRADER: Power Smart DISCOUNTED PRICE: 790.0
1) PRODUCT NAME: Power Smart Quick Charging Pack For CAS NP60 Digi Camcorder Camera Battery ChargerTRADER: Power Smart DISCOUNTED PRICE: 790.0
2) PRODUCT NAME: Power Smart Quick Charging Pack For CANN NB1L Digi Camcorder Camera Battery ChargerTRADER: Power Smart DISCOUNTED PRICE: 790.0
3) PRODUCT NAME: Power Smart Quick Charging Pack For PAN CGAS005E DMWBMA7 Digi Camcorder Camera Battery ChargerTRADER: Power Smart DISCOUNTED PRICE: 790.0
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0) Get Back To Search:
1) Sort Search by Name in Increasing Order:
2) Sort Search by Name in Decreasing Order:
3) Sort Search by Price in Increasing Order:
4) Sort Search by Price in Decreasing Order:
5) Sort Search by Discount Percentage in Increasing Order:
6) Sort Search by Discount Percentage in Decreasing Order:
7) Filter Search by Categories:
8) Filter Search by Price:
9) Filter Search by Trader:
10) Select Product to Order:
Enter a number to Select One of the Options Above:
8
0) Get Back:
1) Lower Treshold:
2) Upper Treshold:
3) Both Lower/Upper Treshold:
Please Select an Option:
3
Please Enter the Lower Treshold:
700
Please Enter the Upper Treshold:
800
0) PRODUCT NAME: Power Smart Quick Charging Pack For PAN CGA-S008 Digi Camcorder Camera Battery ChargerTRADER: Power Smart DISCOUNTED PRICE: 790.0
1) PRODUCT NAME: Power Smart Quick Charging Pack For CAS NP60 Digi Camcorder Camera Battery ChargerTRADER: Power Smart DISCOUNTED PRICE: 790.0
2) PRODUCT NAME: Power Smart Quick Charging Pack For CANN NB1L Digi Camcorder Camera Battery ChargerTRADER: Power Smart DISCOUNTED PRICE: 790.0
3) PRODUCT NAME: Power Smart Quick Charging Pack For PAN CGAS005E DMWBMA7 Digi Camcorder Camera Battery ChargerTRADER: Power Smart DISCOUNTED PRICE: 790.0
4) PRODUCT NAME: Uniross Compact 9V Battery Charger & 4U AA 1000 Series Rechargeable Battery Camera Battery ChargerTRADER: Uniross DISCOUNTED PRICE: 790.0

0) Get Back To Search:
1) Sort Search by Name in Increasing Order:
2) Sort Search by Name in Decreasing Order:
3) Sort Search by Price in Increasing Order:
4) Sort Search by Price in Decreasing Order:
5) Sort Search by Discount Percentage in Increasing Order:
6) Sort Search by Discount Percentage in Decreasing Order:
7) Filter Search by Categories:
8) Filter Search by Price:
9) Filter Search by Trader:
10) Select Product to Order:
Enter a number to Select One of the Options Above:

```

```
1200
0) PRODUCT NAME: Power Smart Quick Charging Pack For PAN CGA-S008 Digi Camcorder Camera Battery ChargerTRADER: Power Smart DISCOUNTED PRICE: 790.0
1) PRODUCT NAME: Power Smart Quick Charging Pack For CAS NP60 Digi Camcorder Camera Battery ChargerTRADER: Power Smart DISCOUNTED PRICE: 790.0
2) PRODUCT NAME: Power Smart Quick Charging Pack For CANN NB1L Digi Camcorder Camera Battery ChargerTRADER: Power Smart DISCOUNTED PRICE: 790.0
3) PRODUCT NAME: Power Smart Quick Charging Pack For PAN CGAS005E DMWBMA7 Digi Camcorder Camera Battery ChargerTRADER: Power Smart DISCOUNTED PRICE: 790.0
4) PRODUCT NAME: SD Extension Arm Rail Camera MountTRADER: SD DISCOUNTED PRICE: 949.0
5) PRODUCT NAME: Uniross Compact 9V Battery Charger & 4U AA 1000 Series Rechargeable Battery Camera Battery ChargerTRADER: Uniross DISCOUNTED PRICE: 790.0
```

```
0) Get Back To Search:
1) Sort Search by Name in Increasing Order:
2) Sort Search by Name in Decreasing Order:
3) Sort Search by Price in Increasing Order:
4) Sort Search by Price in Decreasing Order:
5) Sort Search by Discount Percentage in Increasing Order:
6) Sort Search by Discount Percentage in Decreasing Order:
7) Filter Search by Categories:
8) Filter Search by Price:
9) Filter Search by Trader:
10) Select Product to Order:
Enter a number to Select One of the Options Above:
8
```

```
0) Get Back:
1) Lower Threshold:
2) Upper Threshold:
3) Both Lower/Upper Threshold:
Please Select an Option:
3
```

Please Enter the Lower Threshold:

700

Please Enter the Upper Threshold:

800

```
0) PRODUCT NAME: Power Smart Quick Charging Pack For PAN CGA-S008 Digi Camcorder Camera Battery ChargerTRADER: Power Smart DISCOUNTED PRICE: 790.0
1) PRODUCT NAME: Power Smart Quick Charging Pack For CAS NP60 Digi Camcorder Camera Battery ChargerTRADER: Power Smart DISCOUNTED PRICE: 790.0
2) PRODUCT NAME: Power Smart Quick Charging Pack For CANN NB1L Digi Camcorder Camera Battery ChargerTRADER: Power Smart DISCOUNTED PRICE: 790.0
3) PRODUCT NAME: Power Smart Quick Charging Pack For PAN CGAS005E DMWBMA7 Digi Camcorder Camera Battery ChargerTRADER: Power Smart DISCOUNTED PRICE: 790.0
4) PRODUCT NAME: Uniross Compact 9V Battery Charger & 4U AA 1000 Series Rechargeable Battery Camera Battery ChargerTRADER: Uniross DISCOUNTED PRICE: 790.0
```

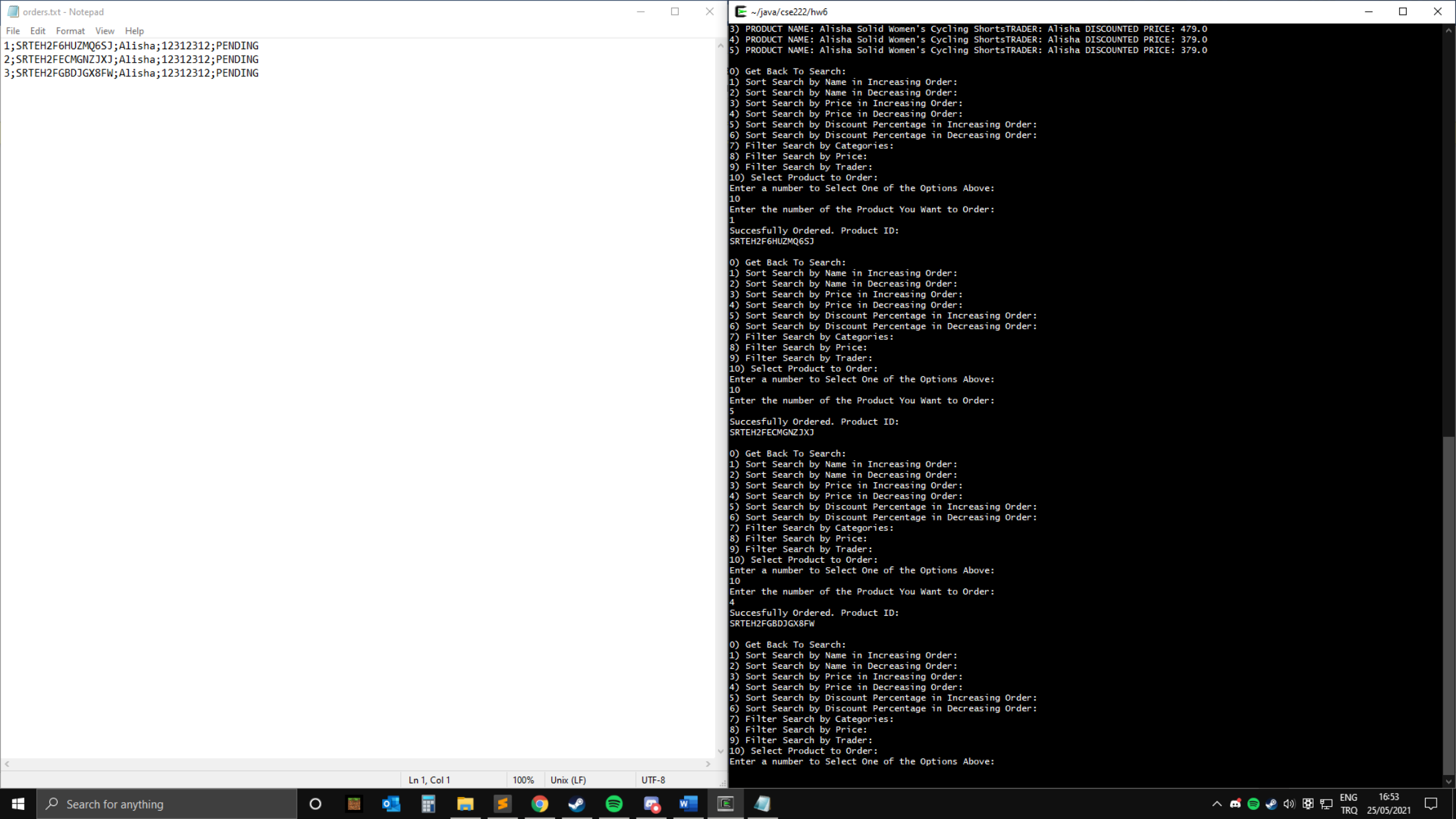
```
0) Get Back To Search:
1) Sort Search by Name in Increasing Order:
2) Sort Search by Name in Decreasing Order:
3) Sort Search by Price in Increasing Order:
4) Sort Search by Price in Decreasing Order:
5) Sort Search by Discount Percentage in Increasing Order:
6) Sort Search by Discount Percentage in Decreasing Order:
7) Filter Search by Categories:
8) Filter Search by Price:
9) Filter Search by Trader:
10) Select Product to Order:
Enter a number to Select One of the Options Above:
9
```

Enter the Trader's Name:

Alisha

```
0) PRODUCT NAME: Alisha Solid Women's Cycling ShortsTRADER: Alisha DISCOUNTED PRICE: 379.0
1) PRODUCT NAME: Alisha Solid Women's Cycling ShortsTRADER: Alisha DISCOUNTED PRICE: 267.0
2) PRODUCT NAME: Alisha Solid Women's Cycling ShortsTRADER: Alisha DISCOUNTED PRICE: 479.0
3) PRODUCT NAME: Alisha Solid Women's Cycling ShortsTRADER: Alisha DISCOUNTED PRICE: 479.0
4) PRODUCT NAME: Alisha Solid Women's Cycling ShortsTRADER: Alisha DISCOUNTED PRICE: 379.0
5) PRODUCT NAME: Alisha Solid Women's Cycling ShortsTRADER: Alisha DISCOUNTED PRICE: 379.0
```

```
0) Get Back To Search:
1) Sort Search by Name in Increasing Order:
2) Sort Search by Name in Decreasing Order:
3) Sort Search by Price in Increasing Order:
4) Sort Search by Price in Decreasing Order:
5) Sort Search by Discount Percentage in Increasing Order:
6) Sort Search by Discount Percentage in Decreasing Order:
7) Filter Search by Categories:
8) Filter Search by Price:
9) Filter Search by Trader:
10) Select Product to Order:
Enter a number to Select One of the Options Above:
```



```
orders.txt - Notepad
File Edit Format View Help
1;SRTEH2F6HUZMQ6SJ;Alisha;12312312;PENDING
2;SRTEH2FECMGNZJXJ;Alisha;12312312;PENDING
3;SRTEH2FGBDJGX8FW;Alisha;12312312;PENDING

~java/cse222/hw6
3) PRODUCT NAME: Alisha Solid Women's Cycling ShortsTRADER: Alisha DISCOUNTED PRICE: 479.0
4) PRODUCT NAME: Alisha Solid Women's Cycling ShortsTRADER: Alisha DISCOUNTED PRICE: 379.0
5) PRODUCT NAME: Alisha Solid Women's Cycling ShortsTRADER: Alisha DISCOUNTED PRICE: 379.0

0) Get Back To Search:
1) Sort Search by Name in Increasing Order:
2) Sort Search by Name in Decreasing Order:
3) Sort Search by Price in Increasing Order:
4) Sort Search by Price in Decreasing Order:
5) Sort Search by Discount Percentage in Increasing Order:
6) Sort Search by Discount Percentage in Decreasing Order:
7) Filter Search by Categories:
8) Filter Search by Price:
9) Filter Search by Trader:
10) Select Product to Order:
Enter a number to Select One of the Options Above:
10
Enter the number of the Product You Want to Order:
1
Successfully Ordered. Product ID:
SRTEH2F6HUZMQ6SJ

0) Get Back To Search:
1) Sort Search by Name in Increasing Order:
2) Sort Search by Name in Decreasing Order:
3) Sort Search by Price in Increasing Order:
4) Sort Search by Price in Decreasing Order:
5) Sort Search by Discount Percentage in Increasing Order:
6) Sort Search by Discount Percentage in Decreasing Order:
7) Filter Search by Categories:
8) Filter Search by Price:
9) Filter Search by Trader:
10) Select Product to Order:
Enter a number to Select One of the Options Above:
10
Enter the number of the Product You Want to Order:
5
Successfully Ordered. Product ID:
SRTEH2FECMGNZJXJ

0) Get Back To Search:
1) Sort Search by Name in Increasing Order:
2) Sort Search by Name in Decreasing Order:
3) Sort Search by Price in Increasing Order:
4) Sort Search by Price in Decreasing Order:
5) Sort Search by Discount Percentage in Increasing Order:
6) Sort Search by Discount Percentage in Decreasing Order:
7) Filter Search by Categories:
8) Filter Search by Price:
9) Filter Search by Trader:
10) Select Product to Order:
Enter a number to Select One of the Options Above:
10
Enter the number of the Product You Want to Order:
4
Successfully Ordered. Product ID:
SRTEH2FGBDJGX8FW

0) Get Back To Search:
1) Sort Search by Name in Increasing Order:
2) Sort Search by Name in Decreasing Order:
3) Sort Search by Price in Increasing Order:
4) Sort Search by Price in Decreasing Order:
5) Sort Search by Discount Percentage in Increasing Order:
6) Sort Search by Discount Percentage in Decreasing Order:
7) Filter Search by Categories:
8) Filter Search by Price:
9) Filter Search by Trader:
10) Select Product to Order:
Enter a number to Select One of the Options Above:
```

```
emr3s@DESKTOP-POGAK7B ~\java/cse222/hw6
```

```
$ java Company
```

```
WELCOME TO MAIN MENU
```

```
0) Exit
1) Login
2) Register New Customer
Enter a Number:
```

```
1
```

```
WELCOME TO LOGIN MENU
```

```
Please Enter Your ID:(8 Digits Unique Number)
```

```
10000000
```

```
Please Enter Your Password:(6 Digits String)
```

```
123456
```

```
WELCOME TO TRADER MENU
```

```
You are logged in as Trader [Name: Alisha - ID: 10000000]
```

```
1) Check Orders
2) Meet Order
3) Cancel Order
4) Add Product
5) Remove Product
6) Modify Product
```

```
1
```

```
ORDERS:
```

```
1;SRTEH2FGHUZMQ6S3;Alisha;12312312;PENDING
```

```
2;SRTEH2FECMGNZJXJ;Alisha;12312312;PENDING
```

```
3;SRTEH2FGBDJGX8FW;Alisha;12312312;PENDING
```

```
WELCOME TO TRADER MENU
```

```
You are logged in as Trader [Name: Alisha - ID: 10000000]
```

```
1) Check Orders
2) Meet Order
3) Cancel Order
4) Add Product
5) Remove Product
6) Modify Product
```

```
|
```

```
3;SRTEH2FG8DJGX8FW;Alisha;12312312;PENDING
1;SRTEH2F6HUZMQ6SJ;Alisha;12312312;MET
2;SRTEH2FECMGZJXJ;Alisha;12312312;CANCELED
```

WELCOME TO MAIN MENU

- 0) Exit
- 1) Login
- 2) Register New Customer

Enter a Number:

1

WELCOME TO LOGIN MENU

Please Enter Your ID:(8 Digits Unique Number)

10000000

Please Enter Your Password:(6 Digits String)

123456

WELCOME TO TRADER MENU

You are logged in as Trader [Name: Alisha - ID: 10000000]

- 1) Check Orders
- 2) Meet Order
- 3) Cancel Order
- 4) Add Product
- 5) Remove Product
- 6) Modify Product

1

ORDERS:

1;SRTEH2F6HUZMQ6SJ;Alisha;12312312;PENDING

2;SRTEH2FECMGZJXJ;Alisha;12312312;PENDING

3;SRTEH2FG8DJGX8FW;Alisha;12312312;PENDING

WELCOME TO TRADER MENU

You are logged in as Trader [Name: Alisha - ID: 10000000]

- 1) Check Orders
- 2) Meet Order
- 3) Cancel Order
- 4) Add Product
- 5) Remove Product
- 6) Modify Product

2

0) Get Back:

Please Enter the OrderID:(Type 0 to Get Back to Menu)

1

ORDERS:

1;SRTEH2F6HUZMQ6SJ;Alisha;12312312;PENDING

2;SRTEH2FECMGZJXJ;Alisha;12312312;PENDING

3;SRTEH2FG8DJGX8FW;Alisha;12312312;PENDING

WELCOME TO TRADER MENU

You are logged in as Trader [Name: Alisha - ID: 10000000]

- 1) Check Orders
- 2) Meet Order
- 3) Cancel Order
- 4) Add Product
- 5) Remove Product
- 6) Modify Product

3

0) Get Back:

Please Enter the OrderID:(Type 0 to Get Back to Menu)

2

ORDERS:

1;SRTEH2F6HUZMQ6SJ;Alisha;12312312;MET

2;SRTEH2FECMGZJXJ;Alisha;12312312;PENDING

3;SRTEH2FG8DJGX8FW;Alisha;12312312;PENDING

WELCOME TO TRADER MENU

You are logged in as Trader [Name: Alisha - ID: 10000000]

- 1) Check Orders
- 2) Meet Order
- 3) Cancel Order
- 4) Add Product
- 5) Remove Product
- 6) Modify Product


```
3;SRTEH2FG8DJGX8FW;Alisha;12312312;PENDING
1;SRTEH2F6HUZMQ6SJ;Alisha;12312312;MET
2;SRTEH2FECMGZJXJ;Alisha;12312312;CANCELED
```

```
3) Cancel Order
4) Add Product
5) Remove Product
6) Modify Product
1
ORDERS:
1;SRTEH2F6HUZMQ6SJ;Alisha;12312312;PENDING
2;SRTEH2FECMGZJXJ;Alisha;12312312;PENDING
3;SRTEH2FG8DJGX8FW;Alisha;12312312;PENDING
WELCOME TO TRADER MENU
You are logged in as Trader [Name: Alisha - ID: 10000000]

1) Check Orders
2) Meet Order
3) Cancel Order
4) Add Product
5) Remove Product
6) Modify Product
2
0) Get Back:
Please Enter the OrderID:(Type 0 to Get Back to Menu)
1
ORDERS:
1;SRTEH2F6HUZMQ6SJ;Alisha;12312312;PENDING
2;SRTEH2FECMGZJXJ;Alisha;12312312;PENDING
3;SRTEH2FG8DJGX8FW;Alisha;12312312;PENDING
WELCOME TO TRADER MENU
You are logged in as Trader [Name: Alisha - ID: 10000000]

1) Check Orders
2) Meet Order
3) Cancel Order
4) Add Product
5) Remove Product
6) Modify Product
3
0) Get Back:
Please Enter the OrderID:(Type 0 to Get Back to Menu)
2
ORDERS:
1;SRTEH2F6HUZMQ6SJ;Alisha;12312312;MET
2;SRTEH2FECMGZJXJ;Alisha;12312312;PENDING
3;SRTEH2FG8DJGX8FW;Alisha;12312312;PENDING
WELCOME TO TRADER MENU
You are logged in as Trader [Name: Alisha - ID: 10000000]

1) Check Orders
2) Meet Order
3) Cancel Order
4) Add Product
5) Remove Product
6) Modify Product
3
0) Get Back:
Please Enter the OrderID:(Type 0 to Get Back to Menu)
31
ORDERS:
1;SRTEH2F6HUZMQ6SJ;Alisha;12312312;MET
2;SRTEH2FECMGZJXJ;Alisha;12312312;CANCELED
3;SRTEH2FG8DJGX8FW;Alisha;12312312;PENDING
There is no Order with ID:31
WELCOME TO TRADER MENU
You are logged in as Trader [Name: Alisha - ID: 10000000]

1) Check Orders
2) Meet Order
3) Cancel Order
4) Add Product
5) Remove Product
6) Modify Product
```

```
products.txt - Notepad
File Edit Format View Help
SHIE6QFEJYJ5YEGW;Agrasen International Radha Krishna Statue Showpiece - 20 cm;["Home Decor & Festive Needs >> Tab
PAEEAMGFHMZ72XN;Agricart Mesembrythemum Mixed Seed;["Home Improvement >> Lawn & Gardening >> Plants >> Pla
PAEE8NDKHJ7ERAPT;Agricart Ash Gourd Seed;["Home Improvement >> Lawn & Gardening >> Plants >> Plant Seeds"""];100;10
PAEEAMGFVDHGRGS;Agricart Daisy Double Mix Seed;["Home Improvement >> Lawn & Gardening >> Plants >> Plant Seeds"""]
PAEE8NUTTVUFHACZ;Agricart Yard Long Beans Seed;["Home Improvement >> Lawn & Gardening >> Plants >> Plant Seeds"""];
PAEE8AHWJWMDAXZU;Agricart African Marigold Vanilla F1- White Seed;["Home Improvement >> Lawn & Gardening >> Plants
PAEE8NDKFTPRKYMU;Agricart Lettuce Seed;["Home Improvement >> Lawn & Gardening >> Plants >> Plant Seeds"""];80;80;Bu
PAEEAMGFHXHUCKYD;Agricart Lupin Pixie Mix Seed;["Home Improvement >> Lawn & Gardening >> Plants >> Plant Seeds"""];
USGEAMADA8XH2UM;Agrima Hub Port A66 USB USB Hub;["Computers >> Laptop Accessories >> USB Gadgets >> Agrima USB Gad
ACCDVRZCTH2MCBZV;Ahha Flip Cover for Apple iPad Mini, iPad Mini Retina Display;["Mobiles & Accessories >> Tablet Ac
ACCE996SS4RW4ZG;Ahha Flip Cover for Apple iPad Air;["Mobiles & Accessories >> Tablet Accessories >> Cases & Covers
PASEA46QF8TUGATC;Ahuja Shiny AHUJA SUH-15XT Outdoor PA System;["Pens & Stationery >> Office Equipments >> Public Ad
ETYEGW59FFDEFGMU;Aimedu Toy Combo Pack Of 6 Frames And 1 Carving Board No. For Kids Learning - Kids Toy;["Toys & Sc
the image General Country of Manufacture India Age Group 2 - 5 Years Type Numbers & Maths Body Features Material Wood
STOEFJTE2T6NWHYX;AirFlow Women's, Girl's Regular Stockings;["Clothing >> Women's Clothing >> Formal Wear >> Stockin
ACCD5B6EJXB8B9G;Airplus Book Cover for iPad Air;["Mobiles & Accessories >> Tablet Accessories >> Cases & Covers >
RTRED5CEHUHGUVAH;Airtel B310s-927;["Computers >> Network Components >> Routers >> Airtel Routers"""];4999;2700;Buy
MTYEGGH4HHTY5FHN;Airwind Xylophone001;["Toys & School Supplies >> Musical Instruments & Toys >> Airwind Musical Ins
DREEFQB8ZDKYYNPS;Ajaero Women's Maxi Red Dress;["Clothing >> Women's Clothing >> Formal Wear >> Dresses >> Ajaero C
JEAEGGAY5GMTJ2HN;Ajaero Slim Fit Women's Blue Jeans;["Clothing >> Women's Clothing >> Western Wear >> Jeans & Short
JEAEGHQYGYDDBWY;Ajaero Slim Fit Women's Dark Blue Jeans;["Ajaero Slim Fit Women's Dark Blue Jeans"""];1599;799;Key
JEAEGHQ45QX6678U;Ajaero Slim Fit Women's Light Blue Jeans;["Clothing >> Women's Clothing >> Western Wear >> Jeans &
JEAEGF5GNHT4TMMJ;Ajaero Slim Fit Women's Dark Blue Jeans;["Ajaero Slim Fit Women's Dark Blue Jeans"""];1699;679;Spe
JEAEGHQ2EC7RTBPN;Ajaero Slim Fit Women's Light Blue Jeans;["Clothing >> Women's Clothing >> Western Wear >> Jeans &
SHOEFKS2MWHFQEMH;Ajanta Skolar Casuals;["Footwear >> Kids' & Infant Footwear >> For Boys >> School Shoes >> Ajanta
WRSE4G5XJHJGQPY;Ajay A100-75x80 Double Sided Open End Wrench Set;["Home Improvement >> Tools >> Hand Tools >> Wren
WRSE4EY9FEFZVHD8;Ajay A113-7 Single Sided Open End Wrench Set;["Home Improvement >> Tools >> Hand Tools >> Wrenches
BTWEJQ6AKJYGHUGJ;Akin Cotton Bath & Hand Towel Set;["Home Furnishing >> Bath Linen >> Towels >> Akin Towels >> Akin
Hand Towel Set Model Name Red & Brown Cotton Towels - Set Of 4 ( Bath Towels - 2, Hand Towels - 2) Ideal For Girls, B
USGEE7ACNU4ZGYSE;Akshaj Lightweight Flexible Portable Adjustable With 50000 Hours Life For Keyboard Laptop Pc Noteboc
DCBEC88EWEXHEHBZ;Akshyavat 055 Decorative Bottle;["Home Decor & Festive Needs >> Table Decor & Handicrafts >> Table
HOFEP9KZHSRCRG2Z;Al Fakher Pegs'N' Pipes Mint, Double Apple Hookah Flavor;["Home Decor & Festive Needs >> Table Deco
ETHEJG2KXFSM6SYG;Alark The Ethnic Men's Kurta and Pyjama Set;["Clothing >> Men's Clothing >> Ethnic Wear >> Sets >>
PTPDVPEXAA854NEY;Alda Wok Glass Lid Kadhai;["Kitchen & Dining >> Cookware >> Pots & Pans >> Woks & Kadhais >> Alda
PTPDVPEXQ88YHBE;Alda 3 Ply SS Lid Pan 26 cm diameter;["Kitchen & Dining >> Cookware >> Pots & Pans >> Kitchen Hand
BDEEGH3ZF8ZBZG;Alicia Souza In Loving Memory Badge;["Pens & Stationery >> School Supplies >> Badges >> Alicia Sou
BDEEGH3ZVFVHFHBC;Alicia Souza Animals Badge;["Pens & Stationery >> School Supplies >> Badges >> Alicia Souza Badges
BDEEGH3ZJZGEYMAJ;Alicia Souza Trees & Plants Badge;["Pens & Stationery >> School Supplies >> Badges >> Alicia Souza
SGLEJCHSWBMHVNVNG;Aligattorr Aviator Sunglasses;["Sunglasses >> Aligattorr Aviator Sunglasses"""];499;180;Key Features
EMRE13;Camera Emre;["Camera Emre"""];13000.0;10000.0;Best Camera 1;Alisha
SRTEH2FF9KEDEFGF;Alisha Solid Women's Cycling Shorts;["Clothing >> Women's Clothing >> Lingerie, Sleep & Swimwear >
SRTEH2F6HUZMQ6SJ;Alisha Solid Women's Cycling Shorts;["Clothing >> Women's Clothing >> Lingerie, Sleep & Swimwear >
SRTEH2FVVKRBAHXH;Alisha Solid Women's Cycling Shorts;["Clothing >> Women's Clothing >> Lingerie, Sleep & Swimwear >
SRTEH2FVUHAHVH9X;Alisha Solid Women's Cycling Shorts;["Clothing >> Women's Clothing >> Lingerie, Sleep & Swimwear >
SRTEH2FGBDJGX8FW;Alisha Solid Women's Cycling Shorts;["Clothing >> Women's Clothing >> Lingerie, Sleep & Swimwear >
SRTEH2FECMGNZJXJ;Alisha Solid Women's Cycling Shorts;["Clothing >> Women's Clothing >> Lingerie, Sleep & Swimwear >
BZREEA4MHGKY7UHX;Allen Solly Solid Single Breasted Casual Boy's Blazer;["Clothing >> Kids' Clothing >> Boys Wear >>
SWTEFFVQJQGBJYDU;Allen Solly Self Design Crew Neck Boy's Sweater;["Clothing >> Kids' Clothing >> Boys Wear >> Winte
BE0EGXRVBCDZKUDU;Allin Exporters Vetiver Oil;["Beauty and Personal Care >> Bath and Spa >> Body and Essential Oils
cation Area All Organic Yes Organic Type Organic General Traits Brand Allin Exporters Skin Type Combination Skin Cont
BE0EGXRVQPCJKHYC;Allin Exporters Fennel Oil (Co2 Extract);["Beauty and Personal Care >> Bath and Spa >> Body and Es
sential Oil Traits Ideal For Men, Women Application Area All Organic Yes Organic Type Organic General Traits Brand Al
RFOFGXRWFANDR1MV;Allin Exporters Cumin Seed Oil (Co2 Extract);["Beauty and Personal Care >> Bath and Spa >> Body and
```

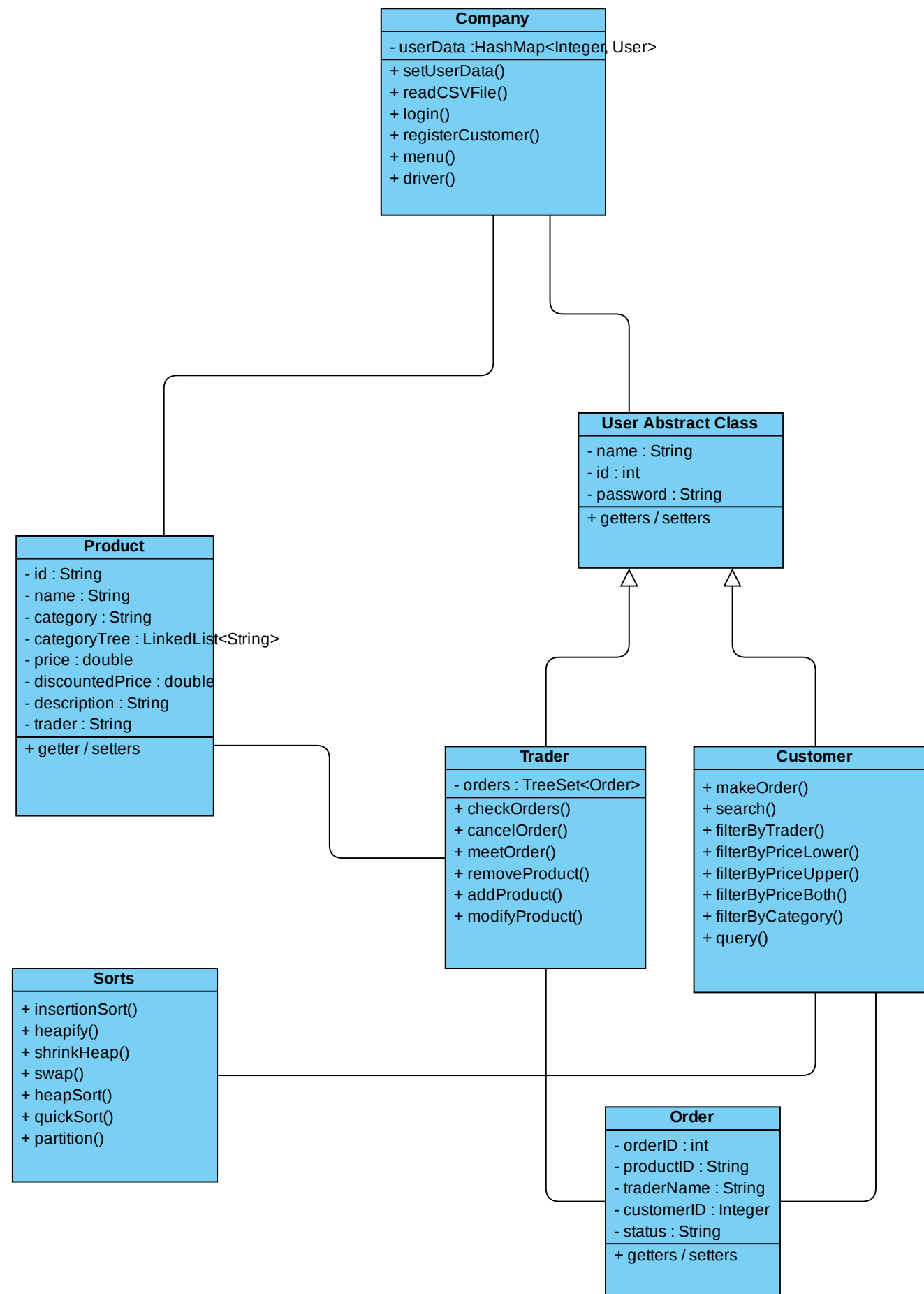
```
~\java\cse222\hw6
Please Enter the OrderID:(Type 0 to Get Back to Menu)
2
ORDERS:
1: SRTEH2F6HUZMQ6SJ;Alisha;12312312;MET
2: SRTEH2FECMGNZJXJ;Alisha;12312312;PENDING
3: SRTEH2FGBDJGX8FW;Alisha;12312312;PENDING
WELCOME TO TRADER MENU
You are logged in as Trader [Name: Alisha - ID: 10000000]

1) Check Orders
2) Meet Order
3) Cancel Order
4) Add Product
5) Remove Product
6) Modify Product
3
0) Get Back:
Please Enter the OrderID:(Type 0 to Get Back to Menu)
31
ORDERS:
1: SRTEH2F6HUZMQ6SJ;Alisha;12312312;MET
2: SRTEH2FECMGNZJXJ;Alisha;12312312;CANCELED
3: SRTEH2FGBDJGX8FW;Alisha;12312312;PENDING
There is no Order with ID:31
WELCOME TO TRADER MENU
You are logged in as Trader [Name: Alisha - ID: 10000000]

1) Check Orders
2) Meet Order
3) Cancel Order
4) Add Product
5) Remove Product
6) Modify Product
1
ORDERS:
1: SRTEH2F6HUZMQ6SJ;Alisha;12312312;MET
2: SRTEH2FECMGNZJXJ;Alisha;12312312;CANCELED
3: SRTEH2FGBDJGX8FW;Alisha;12312312;PENDING
WELCOME TO TRADER MENU
You are logged in as Trader [Name: Alisha - ID: 10000000]

1) Check Orders
2) Meet Order
3) Cancel Order
4) Add Product
5) Remove Product
6) Modify Product
4
0) Get Back:
Please Enter the Product ID:(Type 0 to Get Back to Menu)
EMRE13
Please Enter the Name of the Product:
Camera Emre
Please Enter the Category of the Product:
Camera Emre
Please Enter the Price of the Product:
13000
Please Enter the Discounted Price of the Product:
10000
Please Enter the Description of the Product:
Best Camera 1
WELCOME TO TRADER MENU
You are logged in as Trader [Name: Alisha - ID: 10000000]

1) Check Orders
2) Meet Order
3) Cancel Order
4) Add Product
5) Remove Product
6) Modify Product
```



Use-Case Diagram

Emre Sezer
1901042640

