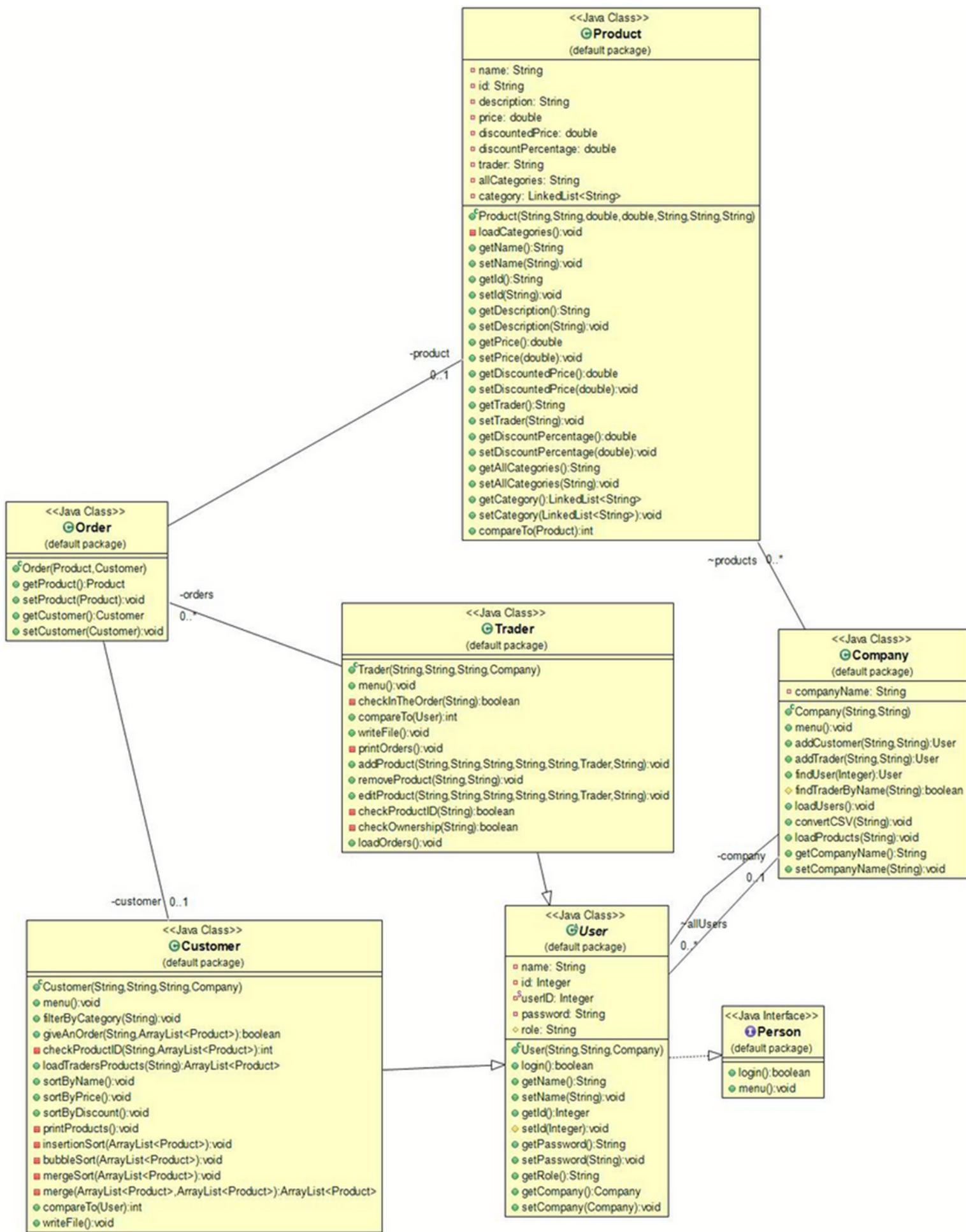


GIT Department of Computer Engineering
CSE 222/505 - Spring 2021
Homework #6 Report

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1801042668

1. CLASS DIAGRAM



2. PROBLEM SOLUTION APPROACH

In this homework we are asked design and implement an e-shopping application. This application has two roles: customers and traders. These roles have some same components, so I create user abstract class and person interface. I also create a company class to keep these users on the running time and save to file after termination. I chose hash table to keep all of the users in the system because I knew the each user has unique id number and I considered id is like a key and user is like a value. This is the best for searching and adding users because time complexity is $O(1)$.

In the given .csv file traders does not have id and password so I create unique id but same password for all traders for the sake of testing. In this case, trader names must have been unique. I simply convert .csv file to .txt file without data losing and at the same time I create users.txt to keep the traders in the .csv file. To avoid user data duplications I try to load users.txt to the map data structure before the converting .csv file and I check if the user will be added is already registered.

We were not allowed to load all products to the memory so I had to load only the products that customers just searched. I keep the all products that customers search in the arraylist because of the fact that I wouldn't use any shifting operations arraylist will be efficient enough.

After the searching operation we are asked to sort the products according to the some specifications. I used insertion sort, bubble sort and merge sort. I did not choose selection sort because it's best case complexity is $O(n^2)$. I modified bubble sort to make best case complexity $O(n)$. I also use merge sort because its worst case complexity is $O(n\log n)$ and it is stable unlike the heapsort.

Each product have some category hierarchy and I keep all hierarchy in the linked list. When the customer filters the products by their category, I simply search the categories of each product by using linked list iterator and show the results. Customers can buy a product by giving their id. When the customer buys a product I create orders.txt file and save the orders in this file. When the traders list the orders coming by the customers, they use this file.

Traders can adds/removes and edit products. When the trader adds new product I check if the product is already in the product.txt file, if it is not I simply add end of the file. Removing is a bit complicated, I solve it by creating new file, copying the content of the file except the product will be removed and finally deleting the old file.

Traders are also list/meet/cancel the orders. I keep the orders in a queue to set the orders like first in first out. When the trader meets the order, product will be removing both orders.txt and products.txt. But it cancels the order it is only removed in orders.txt file.

3. TEST CASES

- Create a company object with true and wrong file.
- Register as a customer with invalid password.
- Register as a trader with invalid password.
- Login as a customer with wrong password.
- Login as a trader with wrong password.
- Search product by meaningless name.
- Search product by true name.
- Sort products with all different algorithms.
- Try to buy product with invalid id.
- Try to filter results by meaningless category.
- Try to filter results price but enter the lower number to the upper bound.
- Enter invalid trader name when searching trader's products.
- Enter invalid product id when try to buy a product from trader.
- Try to add product with existing id.
- Try to remove product with non-existing id.
- Try to remove product belong to another trader.
- Try to edit product with invalid id.
- Try to meet order belong to other trader.
- Try to meet order with invalid id.
- Try to cancel order belong to other trader.
- Try to cancel order with invalid id.

4. RUNNING AND RESULTS

```
atakan@DESKTOP-7U80IGQ:/mnt/e/CSE/CSE222/HW6/src$ java Driver
Company is created...
Registering as a customer with invalid password.
java.lang.Exception: Password length must be at least 8 characters.
    at Company.addCustomer(Company.java:121)
    at Driver.test(Driver.java:24)
    at Driver.main(Driver.java:9)
Registering as a trader with invalid password.
java.lang.Exception: Password length must be at least 8 characters.
    at Company.addTrader(Company.java:138)
    at Driver.test(Driver.java:30)
    at Driver.main(Driver.java:9)
Searching product by meaningless name.
Searching product by meaningful name.
Sorting products with all different algorithms.
SOFEDVYZZJME6AJR;ARRA Engineered Wood 2 Seater Sofa;Furniture >> Living Room >> Sofas & Sectionals;15900.0;15900.0; %0.00ARRA
SOFEDVYZ564ZQTNJ;ARRA Engineered Wood 6 Seater Sofa;Furniture >> Living Room >> Sofas & Sectionals;44500.0;44500.0; %0.00ARRA
SOFEDVYZHG5SHGXM;ARRA Engineered Wood 6 Seater Sofa;Furniture >> Living Room >> Sofas & Sectionals;44500.0;44500.0; %0.00ARRA
SOFEDVYZGFTKSDGG;ARRA Engineered Wood 6 Seater Sofa;Furniture >> Living Room >> Sofas & Sectionals;44500.0;44500.0; %0.00ARRA
SOFEDVYZVFTZHYMT;ARRA Engineered Wood 6 Seater Sofa;Furniture >> Living Room >> Sofas & Sectionals;44500.0;44500.0; %0.00ARRA
SOFEDVYZXN34ZJZQ;ARRA Solid Wood 1 Seater Sofa;Furniture >> Living Room >> Sofas & Sectionals;13900.0;13900.0; %0.00ARRA
SOFEDVYZPRSPVQFW;ARRA Solid Wood 2 Seater Sofa;Furniture >> Living Room >> Sofas & Sectionals;16900.0;16900.0; %0.00ARRA
SOFEDVYZFGA9KG6N;ARRA Solid Wood 2 Seater Sofa;Furniture >> Living Room >> Sofas & Sectionals;19900.0;19900.0; %0.00BigCompany
SOFEDVYZQNYZYFT;ARRA Solid Wood 3 Seater Sofa;Furniture >> Living Room >> Sofas & Sectionals;14500.0;14500.0; %0.00BigCompany
SOFEDVYZQQVG4X5T;ARRA Solid Wood 3 Seater Sofa;Furniture >> Living Room >> Sofas & Sectionals;27900.0;27900.0; %0.00ARRA
SOFEDVYZHDUAYRJ;ARRA Solid Wood 3 Seater Sofa;Furniture >> Living Room >> Sofas & Sectionals;14800.0;14800.0; %0.00ARRA
SOFEDVYZ4USUDJJV;ARRA Solid Wood 3 Seater Sofa;Furniture >> Living Room >> Sofas & Sectionals;21400.0;21400.0; %0.00ARRA
SOFEDVYZFZJJQFWY;ARRA Solid Wood 4 Seater Sofa;Furniture >> Living Room >> Sofas & Sectionals;43100.0;43100.0; %0.00BigCompany
SOFEDVYZSG7DTMYG;ARRA Solid Wood 4 Seater Sofa;Furniture >> Living Room >> Sofas & Sectionals;57500.0;57500.0; %0.00ARRA
SOFEDVYZZMSWQNED;ARRA Solid Wood 4 Seater Sofa;Furniture >> Living Room >> Sofas & Sectionals;25800.0;25800.0; %0.00BigCompany
SOFEDVYZAHXWYTGW;ARRA Solid Wood 5 Seater Sofa;Furniture >> Living Room >> Sofas & Sectionals;51400.0;51400.0; %0.00ARRA
SOFEDVYZMGY6UXFJ;ARRA Solid Wood 5 Seater Sofa;Furniture >> Living Room >> Sofas & Sectionals;61800.0;61800.0; %0.00ARRA
SOFEDVYZTDGHRSMMI;ARRA Solid Wood 6 Seater Sofa;Furniture >> Living Room >> Sofas & Sectionals;68400.0;68400.0; %0.00ARRA

SOFEDVYZRHJG8J3F;ARRA Solid Wood 7 Seater Sofa;Furniture >> Living Room >> Sofas & Sectionals;86500.0;86500.0; %0.00ARRA
SOFEE7ACDGRPDWGZ;Durian Fabric 3 Seater Sofa;Furniture >> Living Room >> Sofas & Sectionals;93600.0;60840.0; %35.00Durian
SOFECYFAGGVMMNS7;Durian Dream/2 Leather 2 Seater Sofa;Furniture >> Living Room >> Sofas & Sectionals;108000.0;70200.0; %35.00BigCompany
SOFEE8HPYPJPUUZ3H;Durian Helena Fabric 3 Seater Sofa;Furniture >> Living Room >> Sofas & Sectionals;108900.0;70785.0; %35.00Durian
SOFEE8HPYX66KMC3A;Durian Helena Fabric 3 Seater Sofa;Furniture >> Living Room >> Sofas & Sectionals;108900.0;70785.0; %35.00BigCompany
SOFECYFAH37ZKUWK;Durian Club/3 Leather 3 Seater Sofa;Furniture >> Living Room >> Sofas & Sectionals;162000.0;105300.0; %35.00Durian
SOFEE7AC7XYCDVC;Durian Leather 2 Seater Sofa;Furniture >> Living Room >> Sofas & Sectionals;204600.0;132990.0; %35.00BigCompany
SOFECYFA8R8T5HNG;Durian Laze/3 Leather 3 Seater Sofa;Furniture >> Living Room >> Sofas & Sectionals;217500.0;141375.0; %35.00BigCompany
SOFEE7ACBVAGKYUV;Durian Leather 2 Seater Sofa;Furniture >> Living Room >> Sofas & Sectionals;250500.0;162825.0; %35.00BigCompany

Try to buy product with invalid id
Try to buy product with valid id
Try to filtering results by meaningless category
Entering invalid trader name when searching trader's products.
java.io.IOException
    at Customer.loadTradersProducts(Customer.java:229)
    at Driver.test(Driver.java:67)
    at Driver.main(Driver.java:9)

Try to add product with non-existing id.
Try to add product with existing id.
java.io.IOException
    at Trader.addProduct(Trader.java:229)
    at Driver.test(Driver.java:79)
    at Driver.main(Driver.java:9)

Try to remove product with non-existing id.
Trying to remove product belong to another trader.
Trying to edit product with invalid id.

UNIT TEST SUCCESFULLY COMPLETE!
```

```
***** Welcome to Hepsiburada *****
```

```
1.LOGIN  
2.REGISTER  
3.EXIT  
SELECTION: ■
```

```
ID: 1123  
PASSWORD: : 132
```

```
Wrong ID or Password!
```

```
***** Welcome to Hepsiburada *****
```

```
1.LOGIN  
2.REGISTER  
3.EXIT  
SELECTION:
```

```
***** Welcome to Hepsiburada *****
```

```
1.LOGIN  
2.REGISTER  
3.EXIT  
SELECTION: 2
```

```
REGISTER AS...
```

```
1.CUSTOMER  
2.TRADER  
SELECTION: 1
```

```
NAME: Atakan
```

```
PASSWORD: Altın
```

```
java.lang.Exception: Password length must be at least 8 characters.
```

```
    at Company.addCustomer(Company.java:121)  
    at Company.menu(Company.java:81)  
    at Driver.main(Driver.java:14)
```

```
REGISTER AS...
```

```
1.CUSTOMER  
2.TRADER  
SELECTION:
```

```
NAME: Yagmur
```

```
PASSWORD: 87654321
```

```
YOUR ID: 10006369
```

```
Please LOGIN with your id and password...
```

```
***** Welcome to Hepsiburada *****
```

```
1.LOGIN  
2.REGISTER  
3.EXIT  
SELECTION: 1
```

```
ID: 10006369
```

```
PASSWORD: : 87654321
```

```
WELCOME, Yagmur
```

```
1.SEARCH PRODUCTS  
2.ALL PRODUCTS OF A TRADER  
3.EXIT  
SELECTION:
```

1. SEARCH PRODUCTS
2. ALL PRODUCTS OF A TRADER

3. EXIT

SELECTION:

1

PRODUCT NAME:

Sofa

HOW WOULD YOU LIKE TO VIEW THE PRODUCTS ?

1. SORT BY NAME

2. SORT BY PRICE

3. SORT BY DISCOUNT PERCENTAGE

4. EXIT

SELECTION:

1
SOFEDVYZJME6AJR;ARRA Engineered Wood 2 Seater Sofa;Furniture >> Living Room >> Sofas & Sectionals;15900.0;15900.0; %0.00;ARRA
SOFEDVYZ564ZQTNJ;ARRA Engineered Wood 6 Seater Sofa;Furniture >> Living Room >> Sofas & Sectionals;44500.0;44500.0; %0.00;ARRA
SOFEDVYZHG5SHGX0;ARRA Engineered Wood 6 Seater Sofa;Furniture >> Living Room >> Sofas & Sectionals;44500.0;44500.0; %0.00;ARRA
SOFEDVYZGFTKSDGG;ARRA Engineered Wood 6 Seater Sofa;Furniture >> Living Room >> Sofas & Sectionals;44500.0;44500.0; %0.00;ARRA
SOFEDVYZVFTZHYMT;ARRA Engineered Wood 6 Seater Sofa;Furniture >> Living Room >> Sofas & Sectionals;44500.0;44500.0; %0.00;ARRA
SOFEDVYZX0I34ZJZQ;ARRA Solid Wood 1 Seater Sofa;Furniture >> Living Room >> Sofas & Sectionals;13900.0;13900.0; %0.00;ARRA
SOFEDVYZPRSPWFQW;ARRA Solid Wood 2 Seater Sofa;Furniture >> Living Room >> Sofas & Sectionals;16900.0;16900.0; %0.00;ARRA
SOFEDVYZFGAOKKG6N;ARRA Solid Wood 2 Seater Sofa;Furniture >> Living Room >> Sofas & Sectionals;19900.0;19900.0; %0.00;BigCompany
SOFEDVYZQNYZYVFT;ARRA Solid Wood 3 Seater Sofa;Furniture >> Living Room >> Sofas & Sectionals;14500.0;14500.0; %0.00;BigCompany
SOFEDVYZQNVG4XST;ARRA Solid Wood 3 Seater Sofa;Furniture >> Living Room >> Sofas & Sectionals;27900.0;27900.0; %0.00;ARRA
SOFEDVYZHDUAYRJ;ARRA Solid Wood 3 Seater Sofa;Furniture >> Living Room >> Sofas & Sectionals;14800.0;14800.0; %0.00;ARRA
SOFEDVYZ4USUDJJV;ARRA Solid Wood 3 Seater Sofa;Furniture >> Living Room >> Sofas & Sectionals;21400.0;21400.0; %0.00;ARRA
SOFEDVYZFZJQFWY;ARRA Solid Wood 4 Seater Sofa;Furniture >> Living Room >> Sofas & Sectionals;43100.0;43100.0; %0.00;BigCompany
SOFEDVYZSG7DTMVG;ARRA Solid Wood 4 Seater Sofa;Furniture >> Living Room >> Sofas & Sectionals;57500.0;57500.0; %0.00;ARRA
SOFEDVYZHSWNQED;ARRA Solid Wood 4 Seater Sofa;Furniture >> Living Room >> Sofas & Sectionals;25800.0;25800.0; %0.00;BigCompany
SOFEDVYZAH0XWYTGW;ARRA Solid Wood 5 Seater Sofa;Furniture >> Living Room >> Sofas & Sectionals;51400.0;51400.0; %0.00;ARRA
SOFEDVYZKGY6UXFJ;ARRA Solid Wood 5 Seater Sofa;Furniture >> Living Room >> Sofas & Sectionals;61800.0;61800.0; %0.00;ARRA
SOFEDVYZTDGMBSNM;ARRA Solid Wood 6 Seater Sofa;Furniture >> Living Room >> Sofas & Sectionals;68400.0;68400.0; %0.00;ARRA
SOFEDVYZPCRAFEQ;ARRA Solid Wood 6 Seater Sofa;Furniture >> Living Room >> Sofas & Sectionals;53300.0;53300.0; %0.00;ARRA
SOFEDVYZ7SAGYGH;ARRA Solid Wood 7 Seater Sofa;Furniture >> Living Room >> Sofas & Sectionals;65900.0;65900.0; %0.00;ARRA
SOFEDVYZ29EW7VEP;ARRA Solid Wood 7 Seater Sofa;Furniture >> Living Room >> Sofas & Sectionals;41000.0;41000.0; %0.00;ARRA
SOFEDVYZRHJG8J3F;ARRA Solid Wood 7 Seater Sofa;Furniture >> Living Room >> Sofas & Sectionals;86500.0;86500.0; %0.00;ARRA
SOFEDVYZFM2P13V6;ARRA Solid Wood 7 Seater Sofa;Furniture >> Living Room >> Sofas & Sectionals;36700.0;36700.0; %0.00;ARRA
SHTE50E7PB7HE2W3;Adaa Terracotta - Reclining Ganesha on Sofa - Pink Showpiece - 11.9 cm;Home Decor & Festive Needs >> Showpieces >> Adaa Showpieces;430.0;399.0; %7.21;Adaa
SLIEEXZYFYHDXTCZA;Balaji Velvet Sofa Cover;Home Furnishing >> Living >> Sofa Covers >> Balaji Velvet Sofa Cover (Brown Pack of 6);5199.0;3599.0; %30.78;Balaji
SLIEHET3CZ6XKS0HP;Bhavya Velvet Sofa Cover;Home Furnishing >> Living >> Sofa Covers >> Bhavya Velvet Sofa Cover (Grey Pack of 10);3000.0;1999.0; %33.37;Bhavya
SOFEGDV3HG0Y3AB43;Comfort Couch Engineered Wood 3 Seater Sofa;Furniture >> Living Room Furniture >> Sofas & Sectionals >> Comfort Couch Engineered Wood 3 Seater Sofa (Fin...;28625.0;19237.0; %32.80;Comfo
SLIEGXYZTTSZD9C;Dreamshomes Velvet Sofa Cover;Home Furnishing >> Living >> Sofa Covers >> Dreamshomes Velvet Sofa Cover (Multicolour Pack ...;1499.0;599.0; %60.04;Dreamshomes
SOFE9F55PGNQV9N;Durian BID/32625/A1 Leatherette 1 Seater Sofa;Furniture >> Living Room >> Sofas & Sectionals;13400.0;8710.0; %35.00;Durian
SOFE9F55ASZFGMWD;Durian BID/32625/A2 Leatherette 2 Seater Sofa;Furniture >> Living Room >> Sofas & Sectionals;18800.0;12220.0; %35.00;Durian
SOFE9F55PGNQV9N;Durian BID/32625/A3 Leatherette 3 Seater Sofa;Furniture >> Living Room >> Sofas & Sectionals;27200.0;17680.0; %35.00;Durian
SOFE9F55SHNUYGF3M;Durian BID/32626/A1 Leatherette 1 Seater Sofa;Furniture >> Living Room >> Sofas & Sectionals;17500.0;11375.0; %35.00;Durian
SOFE8BZM7WJY2UMM;Durian Berry Solid Wood 1 Seater Sofa;Furniture >> Living Room >> Sofas & Sectionals;23100.0;15015.0; %35.00;BigCompany
SOFE8HPYASTGDEBF;Durian Berry Solid Wood 2 Seater Sofa;Furniture >> Living Room >> Sofas & Sectionals;42000.0;27300.0; %35.00;Durian
SOFE8HPYFTK7ZQKH;Durian Berry Solid Wood 3 Seater Sofa;Furniture >> Living Room >> Sofas & Sectionals;56400.0;36660.0; %35.00;Durian
SOFE88ZMF7V7RBSJ;Durian Berry Solid Wood 3 Seater Sofa;Furniture >> Living Room >> Sofas & Sectionals;48600.0;31590.0; %35.00;Durian
SOFE94HMB8PTGPNX;Durian Clinton/A/3 Leather 3 Seater Sofa;Furniture >> Living Room >> Sofas & Sectionals;73500.0;47775.0; %35.00;Durian
SOFEICYFAH3ZKUKW;Durian Club/3 Leather 3 Seater Sofa;Furniture >> Living Room >> Sofas & Sectionals;162000.0;105300.0; %35.00;Durian
SOFEICYFAH3ZKUKW;Durian Dream/2 Leather 2 Seater Sofa;Furniture >> Living Room >> Sofas & Sectionals;108000.0;70200.0; %35.00;BigCompany
SOFE8CG7UJ62T8F;Durian Fabric 1 Seater Sofa;Furniture >> Living Room >> Sofas & Sectionals;23400.0;15210.0; %35.00;Durian
SOFE8CG65UF2TRPD;Durian Fabric 1 Seater Sofa;Furniture >> Living Room >> Sofas & Sectionals;30600.0;19890.0; %35.00;BigCompany
SOFE7ACZNC57QYQ;Durian Fabric 2 Seater Sofa;Furniture >> Living Room >> Sofas & Sectionals;84300.0;54795.0; %35.00;BigCompany
SOFE7ACTFUYMF6G;Durian Fabric 3 Seater Sofa;Furniture >> Living Room >> Sofas & Sectionals;73800.0;47970.0; %35.00;Durian
SOFE7ACDGRPDWGZ;Durian Fabric 3 Seater Sofa;Furniture >> Living Room >> Sofas & Sectionals;93600.0;60840.0; %35.00;Durian
SOFE8HPYDM2TDZ;Durian Georgia Leatherette 1 Seater Sofa;Furniture >> Living Room >> Sofas & Sectionals;31200.0;20280.0; %35.00;BigCompany
SOFEICYFACHZTHA2C;Durian Harmony/2 Fabric 2 Seater Sofa;Furniture >> Living Room >> Sofas & Sectionals;85500.0;55575.0; %35.00;Durian

SOFE8HPYHNT7KUXG;Durian Madison Leatherette 1 Seater Sofa;Furniture >> Living Room >> Sofas & Sectionals;36600.0;23790.0; %35.00;Durian
SOFEDVYZFMZP3V6;ARRA Solid Wood 7 Seater Sofa;Furniture >> Living Room >> Sofas & Sectionals;36700.0;36700.0; %0.00;ARRA
SOFEET76DZFDGSVP;Durian Leatherette 2 Seater Sofa;Furniture >> Living Room >> Sofas & Sectionals;37000.0;24050.0; %35.00;BigCompany
SOFE8HPYGZCKGXFZ;Durian Richmond Leatherette 1 Seater Sofa;Furniture >> Living Room >> Sofas & Sectionals;38080.0;21325.0; %44.00;Durian
SOFE8HPY7Y8DFUMX;Durian Richmond Leatherette 1 Seater Sofa;Furniture >> Living Room >> Sofas & Sectionals;38080.0;21325.0; %44.00;Durian
SOFEDVYZ29EW7VEP;ARRA Solid Wood 7 Seater Sofa;Furniture >> Living Room >> Sofas & Sectionals;41000.0;41000.0; %0.00;ARRA
SOFE8HPYASTGDEBF;Durian Berry Solid Wood 2 Seater Sofa;Furniture >> Living Room >> Sofas & Sectionals;42000.0;27300.0; %35.00;Durian
SOFEDVYZFZJQFWY;ARRA Solid Wood 4 Seater Sofa;Furniture >> Living Room >> Sofas & Sectionals;43100.0;43100.0; %0.00;BigCompany
SOFEDVYZ564ZQTNJ;ARRA Engineered Wood 6 Seater Sofa;Furniture >> Living Room >> Sofas & Sectionals;44500.0;44500.0; %0.00;ARRA
SOFEDVYZHG5SHGX0;ARRA Engineered Wood 6 Seater Sofa;Furniture >> Living Room >> Sofas & Sectionals;44500.0;44500.0; %0.00;ARRA
SOFEDVYZGFTKSDGG;ARRA Engineered Wood 6 Seater Sofa;Furniture >> Living Room >> Sofas & Sectionals;44500.0;44500.0; %0.00;ARRA
SOFEDVYZVFTZHYMT;ARRA Engineered Wood 6 Seater Sofa;Furniture >> Living Room >> Sofas & Sectionals;44500.0;44500.0; %0.00;ARRA
SOFE8BZMF7V7RBSJ;Durian Berry Solid Wood 3 Seater Sofa;Furniture >> Living Room >> Sofas & Sectionals;48600.0;31590.0; %35.00;Durian
SOFEDVYZAH0XWYTG;ARRA Solid Wood 5 Seater Sofa;Furniture >> Living Room >> Sofas & Sectionals;51400.0;51400.0; %0.00;ARRA
SOFEDVYZPCRAFEQ;ARRA Solid Wood 6 Seater Sofa;Furniture >> Living Room >> Sofas & Sectionals;53300.0;53300.0; %0.00;ARRA
SOFE8HPYEWAGBBH;Durian Salina Leatherette 2 Seater Sofa;Furniture >> Living Room >> Sofas & Sectionals;54300.0;35295.0; %35.00;BigCompany
SOFE8HPYFTK7ZQKH;Durian Berry Solid Wood 3 Seater Sofa;Furniture >> Living Room >> Sofas & Sectionals;56400.0;36660.0; %35.00;Durian
SOFEDVYZSG7DTMVG;ARRA Solid Wood 4 Seater Sofa;Furniture >> Living Room >> Sofas & Sectionals;57500.0;57500.0; %0.00;ARRA
SOFEDVYZHGY6UXFJ;ARRA Solid Wood 5 Seater Sofa;Furniture >> Living Room >> Sofas & Sectionals;61800.0;61800.0; %0.00;ARRA
SOFEDVYZ7SAGYGH;ARRA Solid Wood 7 Seater Sofa;Furniture >> Living Room >> Sofas & Sectionals;65900.0;65900.0; %0.00;ARRA
SOFEDVYZTDGMBSNM;ARRA Solid Wood 6 Seater Sofa;Furniture >> Living Room >> Sofas & Sectionals;68400.0;68400.0; %0.00;ARRA
SOFEETADPUPX9MTW;Durian Leather 1 Seater Sofa;Furniture >> Living Room >> Sofas & Sectionals;69300.0;45045.0; %35.00;Durian
SOFE94HMB8PTGPNX;Durian Clinton/A/3 Leather 3 Seater Sofa;Furniture >> Living Room >> Sofas & Sectionals;73500.0;47775.0; %35.00;Durian
SOFE7ACTFUYMF6G;Durian Fabric 3 Seater Sofa;Furniture >> Living Room >> Sofas & Sectionals;73800.0;47970.0; %35.00;Durian
SOFE8HPYHFDFGPFH;Durian Tulsa Leatherette 3 Seater Sofa;Furniture >> Living Room >> Sofas & Sectionals;75300.0;48945.0; %35.00;BigCompany
SOFEET7ACZNC57QYQ;Durian Fabric 2 Seater Sofa;Furniture >> Living Room >> Sofas & Sectionals;84300.0;54795.0; %35.00;BigCompany
SOFEICYFACHZTHA2C;Durian Harmony/2 Fabric 2 Seater Sofa;Furniture >> Living Room >> Sofas & Sectionals;85500.0;55575.0; %35.00;Durian
SOFEDVYZRHJG8J3F;ARRA Solid Wood 7 Seater Sofa;Furniture >> Living Room >> Sofas & Sectionals;86500.0;86500.0; %0.00;ARRA
SOFEET7ACDGRPDWGZ;Durian Fabric 3 Seater Sofa;Furniture >> Living Room >> Sofas & Sectionals;93600.0;60840.0; %35.00;Durian
SOFEICYFAGGVMW57;Durian Dream/2 Leather 2 Seater Sofa;Furniture >> Living Room >> Sofas & Sectionals;108000.0;70200.0; %35.00;BigCompany
SOFE8HPYPJPUUZ3H;Durian Helena Fabric 3 Seater Sofa;Furniture >> Living Room >> Sofas & Sectionals;108900.0;70785.0; %35.00;Durian
SOFE8HPYX66KMC3A;Durian Helena Fabric 3 Seater Sofa;Furniture >> Living Room >> Sofas & Sectionals;108900.0;70785.0; %35.00;BigCompany
SOFEICYFAH37ZKUKW;Durian Club/3 Leather 3 Seater Sofa;Furniture >> Living Room >> Sofas & Sectionals;162000.0;105300.0; %35.00;Durian
SOFEET7AC7CYXDVC;Durian Leather 2 Seater Sofa;Furniture >> Living Room >> Sofas & Sectionals;204600.0;132990.0; %35.00;BigCompany
SOFEICYFA88RTSHNG;Durian Laze/3 Leather 3 Seater Sofa;Furniture >> Living Room >> Sofas & Sectionals;217500.0;141375.0; %35.00;BigCompany
SOFEET7ACBVAGKYUV;Durian Leather 2 Seater Sofa;Furniture >> Living Room >> Sofas & Sectionals;250500.0;162825.0; %35.00;BigCompany
HOW WOULD YOU LIKE TO VIEW THE PRODUCTS ?

SLIEHET3CZ6XSDHP;Bhavya Velvet Sofa Cover;Home Furnishing >> Living >> Sofa Covers >> Bhavya Velvet Sofa Cover (Grey Pack of 10);3000.0;1999.0; %33.37;Bhavya
 SOFE9FS5YH6TTNDT;Durian BID/32625/A/1 Leatherette 1 Seater Sofa;Furniture >> Living Room >> Sofas & Sectionals;13400.0;8710.0; %35.00;Durian
 SOFE9FS5HNYGF3M;Durian BID/32626/A/1 Leatherette 1 Seater Sofa;Furniture >> Living Room >> Sofas & Sectionals;17500.0;11375.0; %35.00;Durian
 SOFE9FS5ASZFGWV;Durian BID/32625/A/2 Leatherette 2 Seater Sofa;Furniture >> Living Room >> Sofas & Sectionals;18800.0;12220.0; %35.00;Durian
 SOFE8BZMZYUZUM;Durian Berry Solid Wood 1 Seater Sofa;Furniture >> Living Room >> Sofas & Sectionals;23100.0;15015.0; %35.00;BigCompany
 SOFE8CG7UJ62T8F;Durian Fabric 1 Seater Sofa;Furniture >> Living Room >> Sofas & Sectionals;23400.0;15210.0; %35.00;Durian
 SOFE9FS5PGNNQV9N;Durian BID/32625/A/3 Leatherette 3 Seater Sofa;Furniture >> Living Room >> Sofas & Sectionals;27200.0;17680.0; %35.00;Durian
 SOFE8CG5UF2TRPD;Durian Fabric 1 Seater Sofa;Furniture >> Living Room >> Sofas & Sectionals;30600.0;19890.0; %35.00;BigCompany
 SOFE8HPYDMP32TDZ;Durian Georgia Leatherette 1 Seater Sofa;Furniture >> Living Room >> Sofas & Sectionals;31200.0;20280.0; %35.00;BigCompany
 SOFE8HPYPESPQRD;Durian Tulsa Leatherette 1 Seater Sofa;Furniture >> Living Room >> Sofas & Sectionals;35700.0;23205.0; %35.00;Durian
 SOFE8HPYHNT7KUXG;Durian Madison Leatherette 1 Seater Sofa;Furniture >> Living Room >> Sofas & Sectionals;36600.0;23790.0; %35.00;Durian
 SOFE76DZYFDSVC;Durian Leatherette 2 Seater Sofa;Furniture >> Living Room >> Sofas & Sectionals;37000.0;24050.0; %35.00;BigCompany
 SOFE8HPYASTGDEBF;Durian Berry Solid Wood 2 Seater Sofa;Furniture >> Living Room >> Sofas & Sectionals;42000.0;27300.0; %35.00;Durian
 SOFE8BZMFT7VRBSJ;Durian Berry Solid Wood 3 Seater Sofa;Furniture >> Living Room >> Sofas & Sectionals;48600.0;31590.0; %35.00;Durian
 SOFE8HPYDEWAG8BH;Durian Salina Leatherette 2 Seater Sofa;Furniture >> Living Room >> Sofas & Sectionals;54300.0;35295.0; %35.00;BigCompany
 SOFE8HPYTFK7ZQKH;Durian Berry Solid Wood 3 Seater Sofa;Furniture >> Living Room >> Sofas & Sectionals;56400.0;36660.0; %35.00;Durian
 SOFE7ADPUPX9MTW;Durian Leather 1 Seater Sofa;Furniture >> Living Room >> Sofas & Sectionals;69300.0;45845.0; %35.00;Durian
 SOFE94H8PTGPNX;Durian Clinton/A/3 Leather 3 Seater Sofa;Furniture >> Living Room >> Sofas & Sectionals;73500.0;47775.0; %35.00;Durian
 SOFE7ACTFUVYMF6G;Durian Fabric 3 Seater Sofa;Furniture >> Living Room >> Sofas & Sectionals;73800.0;47970.0; %35.00;Durian
 SOFE8HPYHFDPFHV;Durian Tulsa Leatherette 3 Seater Sofa;Furniture >> Living Room >> Sofas & Sectionals;75300.0;48945.0; %35.00;BigCompany
 SOFE7ACZNC57QYQ;Durian Fabric 2 Seater Sofa;Furniture >> Living Room >> Sofas & Sectionals;84300.0;54795.0; %35.00;BigCompany
 SOFECYFACHZTHA2C;Durian Harmony/2 Fabric 2 Seater Sofa;Furniture >> Living Room >> Sofas & Sectionals;85500.0;55575.0; %35.00;Durian
 SOFEE7ACDGRPDWGZ;Durian Fabric 3 Seater Sofa;Furniture >> Living Room >> Sofas & Sectionals;93600.0;60840.0; %35.00;Durian
 SOFECYFAGGWMMS7;Durian Dream/2 Leather 2 Seater Sofa;Furniture >> Living Room >> Sofas & Sectionals;108000.0;70200.0; %35.00;BigCompany
 SOFE8HPYPJPUIUZ3H;Durian Helena Fabric 3 Seater Sofa;Furniture >> Living Room >> Sofas & Sectionals;108900.0;70785.0; %35.00;Durian
 SOFE8HPYXX66KMC3A;Durian Helena Fabric 3 Seater Sofa;Furniture >> Living Room >> Sofas & Sectionals;108900.0;70785.0; %35.00;BigCompany
 SOFECYFAH37ZKUKW;Durian Club/3 Leather 3 Seater Sofa;Furniture >> Living Room >> Sofas & Sectionals;162000.0;105300.0; %35.00;Durian
 SOFEE7AC7XYXDVC;Durian Leather 2 Seater Sofa;Furniture >> Living Room >> Sofas & Sectionals;204600.0;132990.0; %35.00;BigCompany
 SOFECYFAB8RTSHNG;Durian Laze/3 Leather 3 Seater Sofa;Furniture >> Living Room >> Sofas & Sectionals;217500.0;141375.0; %35.00;BigCompany
 SOFEE7ACBVAGKYUV;Durian Leather 2 Seater Sofa;Furniture >> Living Room >> Sofas & Sectionals;250500.0;162825.0; %35.00;BigCompany
 SOFE8HPYGZCKGXZ;Durian Richmond Leatherette 1 Seater Sofa;Furniture >> Living Room >> Sofas & Sectionals;38080.0;21325.0; %44.00;Durian
 SOFE8HPV7Y8DFUMX;Durian Richmond Leatherette 1 Seater Sofa;Furniture >> Living Room >> Sofas & Sectionals;38080.0;21325.0; %44.00;Durian
 SLIEHR2V82GJXBGU;Griiham Organic Cotton Sofa Cover;Home Furnishing >> Living >> Sofa Covers >> Griiham Organic Cotton Sofa Cover (Golden maroon...);1800.0;850.0; %52.78;Griiham
 SLIEGZCMHGZGZ8NR;Swastik Cotton Sofa Cover;Home Furnishing >> Living >> Sofa Covers >> Swastik Cotton Sofa Cover (Multicolor Pack of 10);1699.0;699.0; %58.86;Swastik
 SLIEGZCM6SKTX2CG;Swastik Velvet Sofa Cover;Home Furnishing >> Living >> Sofa Covers >> Swastik Velvet Sofa Cover (Multicolor Pack of 10);1699.0;699.0; %58.86;Swastik
 SLIEGZCMQ9P96MH8;Swastik Velvet Sofa Cover;Home Furnishing >> Living >> Sofa Covers >> Swastik Velvet Sofa Cover (Multicolor Pack of 10);1699.0;699.0; %58.86;Swastik
 SLIEGXZYTTSD9C;Dreamshomes Velvet Sofa Cover;Home Furnishing >> Living >> Sofa Covers >> Dreamshomes Velvet Sofa Cover (Multicolour Pack ...);1499.0;599.0; %60.04;Dreamshomes
 SLIEHUGN6EAJZZV;Unique Collections Jacquard Sofa Cover;Home Furnishing >> Living >> Sofa Covers >> Unique Collections Jacquard Sofa Cover (Brown Pa...);1799.0;699.0; %61.15;Unique Collections
 SLIEHUF TZFVF DGEZ;xy decor Cotton Sofa Cover;xy decor Cotton Sofa Cover (white Pack of 6);1699.0;599.0; %64.74;xy decor

HOW WOULD YOU LIKE TO VIEW THE PRODUCTS ?

1. COTD RV NAME

```

1.ADD PRODUCT TO CART
2.FILTER BY CATEGORY
3.FILTER BY PRICE
4.EXIT
SELECTION: 1
ENTER THE PRODUCT ID: SLIEGXZYTTSD9C

1.ADD PRODUCT TO CART
2.FILTER BY CATEGORY
3.FILTER BY PRICE
4.EXIT
SELECTION:
  
```

ENTER A CATEGORY:

Living

SLIEEXZZYFYHTCZA;Balaji Velvet Sofa Cover;Home Furnishing >> Living >> Sofa Covers >> Balaji Velvet Sofa Cover (Brown Pack of 6);5199.0;3599.0; %30.78;Balaji
 SLIEHET3CZ6XSDHP;Bhavya Velvet Sofa Cover;Home Furnishing >> Living >> Sofa Covers >> Bhavya Velvet Sofa Cover (Grey Pack of 10);3000.0;1999.0; %33.37;Bhavya
 SLIEGXZYTTSD9C;Dreamshomes Velvet Sofa Cover;Home Furnishing >> Living >> Sofa Covers >> Dreamshomes Velvet Sofa Cover (Multicolour Pack ...);1499.0;599.0; %60.04;Dreamshomes
 SLIEHR2V82GJXBGU;Griiham Organic Cotton Sofa Cover;Home Furnishing >> Living >> Sofa Covers >> Griiham Organic Cotton Sofa Cover (Golden maroon...);1800.0;850.0; %52.78;Griiham
 SLIEGZCMHGZGZ8NR;Swastik Cotton Sofa Cover;Home Furnishing >> Living >> Sofa Covers >> Swastik Cotton Sofa Cover (Multicolor Pack of 10);1699.0;699.0; %58.86;Swastik
 SLIEGZCM6SKTX2CG;Swastik Velvet Sofa Cover;Home Furnishing >> Living >> Sofa Covers >> Swastik Velvet Sofa Cover (Multicolor Pack of 10);1699.0;699.0; %58.86;Swastik
 SLIEGZCMQ9P96MH8;Swastik Velvet Sofa Cover;Home Furnishing >> Living >> Sofa Covers >> Swastik Velvet Sofa Cover (Multicolor Pack of 10);1699.0;699.0; %58.86;Swastik
 SLIEHUGN6EAJZZV;Unique Collections Jacquard Sofa Cover;Home Furnishing >> Living >> Sofa Covers >> Unique Collections Jacquard Sofa Cover (Brown Pa...);1799.0;699.0; %61.15;Unique Collections

1.ADD PRODUCT TO CART

2.FILTER BY CATEGORY

3.FILTER BY PRICE

4.EXIT

SELECTION: ■

SELECTION: 3

ENTER LOWER PRICE: 100

ENTER UPPER PRICE: 50000

SOFEDVYZZJME6AJR;ARRA Engineered Wood 2 Seater Sofa;Furniture >> Living Room >> Sofas & Sectionals;15900.0;15900.0; %0.00;ARRA
SOFEDVYZZ64ZQTN;ARRA Engineered Wood 6 Seater Sofa;Furniture >> Living Room >> Sofas & Sectionals;44500.0;44500.0; %0.00;ARRA
SOFEDVYZHGSQHXM;ARRA Engineered Wood 6 Seater Sofa;Furniture >> Living Room >> Sofas & Sectionals;44500.0;44500.0; %0.00;ARRA
SOFEDVYZZGFTKSDGG;ARRA Engineered Wood 6 Seater Sofa;Furniture >> Living Room >> Sofas & Sectionals;44500.0;44500.0; %0.00;ARRA
SOFEDVYZZFTZHMYT;ARRA Engineered Wood 6 Seater Sofa;Furniture >> Living Room >> Sofas & Sectionals;44500.0;44500.0; %0.00;ARRA
SOFEDVYZZXN34ZJZQ;ARRA Solid Wood 1 Seater Sofa;Furniture >> Living Room >> Sofas & Sectionals;13900.0;13900.0; %0.00;ARRA
SOFEDVYZZPSPVQFW;ARRA Solid Wood 2 Seater Sofa;Furniture >> Living Room >> Sofas & Sectionals;16900.0;16900.0; %0.00;ARRA
SOFEDVYZZFGAQKG6N;ARRA Solid Wood 2 Seater Sofa;Furniture >> Living Room >> Sofas & Sectionals;19900.0;19900.0; %0.00;BigCompany
SOFEDVYZZQIYZZYFT;ARRA Solid Wood 3 Seater Sofa;Furniture >> Living Room >> Sofas & Sectionals;14500.0;14500.0; %0.00;BigCompany
SOFEDVYZZQVG4XST;ARRA Solid Wood 3 Seater Sofa;Furniture >> Living Room >> Sofas & Sectionals;27900.0;27900.0; %0.00;ARRA
SOFEDVYZZHDUAAYRJ;ARRA Solid Wood 3 Seater Sofa;Furniture >> Living Room >> Sofas & Sectionals;14800.0;14800.0; %0.00;ARRA
SOFEDVYZZ4USUDJJV;ARRA Solid Wood 3 Seater Sofa;Furniture >> Living Room >> Sofas & Sectionals;21400.0;21400.0; %0.00;ARRA
SOFEDVYZZJQFWY;ARRA Solid Wood 4 Seater Sofa;Furniture >> Living Room >> Sofas & Sectionals;43100.0;43100.0; %0.00;BigCompany
SOFEDVYZZHSWQNEJD;ARRA Solid Wood 4 Seater Sofa;Furniture >> Living Room >> Sofas & Sectionals;25800.0;25800.0; %0.00;BigCompany
SOFEDVYZZ9EW7VEP;ARRA Solid Wood 7 Seater Sofa;Furniture >> Living Room >> Sofas & Sectionals;41000.0;41000.0; %0.00;ARRA
SOFEDVYZZHMZP3W6;ARRA Solid Wood 7 Seater Sofa;Furniture >> Living Room >> Sofas & Sectionals;36700.0;36700.0; %0.00;ARRA
SHIEQUEZPB7NE2W3;Adaa Terracotta - Reclining Ganesha on Sofa - Pink Showpiece - 11.9 cm;Home Decor & Festive Needs >> Showpieces >> Adaa Showpieces;430.0;399.0; %7.21;Adaa
SLIEEXZYFFHXTCZA;Balaji Velvet Sofa Cover;Home Furnishing >> Living >> Sofa Covers >> Balaji Velvet Sofa Cover (Brown Pack of 6);5199.0;3599.0; %30.78;Balaji
SLIHEHT3CZ6KSQHP;Bhavya Velvet Sofa Cover;Home Furnishing >> Living >> Sofa Covers >> Bhavya Velvet Sofa Cover (Grey Pack of 10);3000.0;1999.0; %33.37;Bhavya
SOFEГОV3HGY3A843;Comfort Couch Engineered Wood 3 Seater Sofa;Furniture >> Living Room Furniture >> Sofas & Sectionals >> Comfort Couch Engineered Wood 3 Seater Sofa (Fin...;28625.0;19237.0; %32.80;Comfort Couch
SLIEGXZYTT5ZD9C;Dreamshomes Sofa Cover;Home Furnishing >> Living >> Sofa Covers >> Dreamshomes Velvet Sofa Cover (Multicolour Pack ...);1499.0;599.0; %50.04;Dreamshomes
SOFE9F55YH6TTNT;Durian BID/32625/A/1 Leatherette 1 Seater Sofa;Furniture >> Living Room >> Sofas & Sectionals;13400.0;8710.0; %35.00;Durian
SOFE9F55ASZFGWMD;Durian BID/32625/A/2 Leatherette 2 Seater Sofa;Furniture >> Living Room >> Sofas & Sectionals;18800.0;12220.0; %35.00;Durian
SOFE9F55PGNQV9N;Durian BID/32625/A/3 Leatherette 3 Seater Sofa;Furniture >> Living Room >> Sofas & Sectionals;27200.0;17680.0; %35.00;Durian
SOFE9F55HNHYGF3M;Durian BID/32626/A/1 Leatherette 1 Seater Sofa;Furniture >> Living Room >> Sofas & Sectionals;17500.0;11375.0; %35.00;Durian
SOFE88ZHZWJYZUM;Durian Berry Solid Wood 1 Seater Sofa;Furniture >> Living Room >> Sofas & Sectionals;23100.0;15015.0; %35.00;BigCompany
SOFE8HPYASTGDEBF;Durian Berry Solid Wood 2 Seater Sofa;Furniture >> Living Room >> Sofas & Sectionals;42000.0;27300.0; %35.00;Durian
SOFE88ZMF7TVRBS;Durian Berry Solid Wood 3 Seater Sofa;Furniture >> Living Room >> Sofas & Sectionals;48600.0;31590.0; %35.00;Durian
SOFEE8CG7UJ6ZT8F;Durian Fabric 1 Seater Sofa;Furniture >> Living Room >> Sofas & Sectionals;23400.0;15210.0; %35.00;Durian
SOFE8ECCSUF2TRD;Durian Fabric 1 Seater Sofa;Furniture >> Living Room >> Sofas & Sectionals;30600.0;19890.0; %35.00;BigCompany
SOFE8HPYDNP32TDZ;Durian Georgia Leatherette 1 Seater Sofa;Furniture >> Living Room >> Sofas & Sectionals;31200.0;20280.0; %35.00;BigCompany
SOFEE76D0ZYFDSVCP;Durian Leatherette 2 Seater Sofa;Furniture >> Living Room >> Sofas & Sectionals;37000.0;24050.0; %35.00;BigCompany
SOFE8HPYHIT7KUXG;Durian Madison Leatherette 1 Seater Sofa;Furniture >> Living Room >> Sofas & Sectionals;36600.0;23790.0; %35.00;Durian
SOFE8HPYGZCKGXZ;Durian Richmond Leatherette 1 Seater Sofa;Furniture >> Living Room >> Sofas & Sectionals;38000.0;21325.0; %44.00;Durian
SOFE8HPY7Y8DFUMX;Durian Richmond Leatherette 1 Seater Sofa;Furniture >> Living Room >> Sofas & Sectionals;38000.0;21325.0; %44.00;Durian

1.SEARCH PRODUCTS

2.ALL PRODUCTS OF A TRADER

3.EXIT

SELECTION:

2

ENTER THE TRADER NAME:

Alisha

SRTEH2FF9KEDEFGF;Alisha Solid Women's Cycling Shorts;Clothing >> Women's Clothing >> Lingerie, Sleep & Swimwear >> Shorts >> Alisha Shorts >> Alisha Solid Women's Cycling Shorts;999.0;379.0; %62.06;Alisha
SRTEH2F6UHZM0GSJ;Alisha Solid Women's Cycling Shorts;Clothing >> Women's Clothing >> Lingerie, Sleep & Swimwear >> Shorts >> Alisha Shorts >> Alisha Solid Women's Cycling Shorts;699.0;267.0; %61.80;Alisha
SRTEH2FVWRKRBAXHB;Alisha Solid Women's Cycling Shorts;Clothing >> Women's Clothing >> Lingerie, Sleep & Swimwear >> Shorts >> Alisha Shorts >> Alisha Solid Women's Cycling Shorts;1199.0;479.0; %60.05;Alisha
SRTEH2FVHAAW9X;Alisha Solid Women's Cycling Shorts;Clothing >> Women's Clothing >> Lingerie, Sleep & Swimwear >> Shorts >> Alisha Shorts >> Alisha Solid Women's Cycling Shorts;1199.0;479.0; %60.05;Alisha
SRTEH2FG8DJGXFW;Alisha Solid Women's Cycling Shorts;Clothing >> Women's Clothing >> Lingerie, Sleep & Swimwear >> Shorts >> Alisha Shorts >> Alisha Solid Women's Cycling Shorts;999.0;379.0; %62.06;Alisha
SRTEH2FECMGNZXJX;Alisha Solid Women's Cycling Shorts;Clothing >> Women's Clothing >> Lingerie, Sleep & Swimwear >> Shorts >> Alisha Shorts >> Alisha Solid Women's Cycling Shorts;999.0;379.0; %62.06;Alisha

ENTER THE PRODUCT ID YOU WANT TO BUY:

***** Welcome to Hepsiburada *****
1.LOGIN
2.REGISTER
3.EXIT
SELECTION: 1

ID: 10000001
PASSWORD: : 12345678

WELCOME, Alisha

1.ADD PRODUCTS
2.REMOVE PRODUCTS
3.EDIT PRODUCTS
4.LIST OF ORDERS
5.MEET/CANCEL ORDERS
6.EXIT
SELECTION:

```
0.EXIT  
SELECTION:  
1  
ENTER PRODUCT'S NAME: Chair  
ENTER PRODUCT'S ID: 123  
ENTER PRODUCT'S PRICE: 50  
ENTER PRODUCT'S DISCOUNTED PRICE: 25  
ENTER PRODUCT'S CATEGORY(ex. FURNITURE >> LIVING ROOM): Living >> Wooden  
ENTER PRODUCT'S DESCRIPTION: For sitting  
Product is added successfully!  
  
WELCOME, Alisha  
  
1.ADD PRODUCTS  
2.REMOVE PRODUCTS  
3.EDIT PRODUCTS  
4.LIST OF ORDERS  
5.MEET/CANCEL ORDERS  
6.EXIT  
SELECTION:
```

```
0.EXIT  
SELECTION:  
1  
ENTER PRODUCT'S NAME: asdf  
ENTER PRODUCT'S ID: SOFECYFA8R8T5HNG  
ENTER PRODUCT'S PRICE: 78  
ENTER PRODUCT'S DISCOUNTED PRICE: 54  
ENTER PRODUCT'S CATEGORY(ex. FURNITURE >> LIVING ROOM): sads >> dsasf  
ENTER PRODUCT'S DESCRIPTION: ewqew  
Product cannot be added,check product id!  
  
WELCOME, Alisha  
  
1.ADD PRODUCTS  
2.REMOVE PRODUCTS  
3.EDIT PRODUCTS  
4.LIST OF ORDERS  
5.MEET/CANCEL ORDERS  
6.EXIT  
SELECTION:
```

```
WELCOME, Alisha  
  
1.ADD PRODUCTS  
2.REMOVE PRODUCTS  
3.EDIT PRODUCTS  
4.LIST OF ORDERS  
5.MEET/CANCEL ORDERS  
6.EXIT  
SELECTION:  
2  
ENTER PRODUCT ID YOU WANT TO REMOVE: SOFEE7ACBVAGKYUV  
Product cannot be removed!  
  
WELCOME, Alisha
```

WELCOME, Alisha

- 1.ADD PRODUCTS
- 2.REMOVE PRODUCTS
- 3.EDIT PRODUCTS
- 4.LIST OF ORDERS
- 5.MEET/CANCEL ORDERS
- 6.EXIT

SELECTION:

4

Customer name: samet Customer ID: 10003181

Product Informations: SRTEH2FVUHAAWH9X;Alisha Solid Women's Cycling Shorts;Clothing >> Women's Clothing >> Lingerie, Sleep & Swimwear >> Shorts >> Alisha Shorts >> Alisha Solid Women's Cycling Shorts;1199.0; %60
.05

Customer name: Yagmur Customer ID: 10006369

Product Informations: SRTEH2FVVKR8AXHB;Alisha Solid Women's Cycling Shorts;Clothing >> Women's Clothing >> Lingerie, Sleep & Swimwear >> Shorts >> Alisha Shorts >> Alisha Solid Women's Cycling Shorts;1199.0; %60
.05

WELCOME, Alisha

- 1.ADD PRODUCTS
- 2.REMOVE PRODUCTS
- 3.EDIT PRODUCTS
- 4.LIST OF ORDERS
- 5.MEET/CANCEL ORDERS
- 6.EXIT

SELECTION:

5

Customer name: samet Customer ID: 10003181

Product Informations: SRTEH2FVUHAAWH9X;Alisha Solid Women's Cycling Shorts;Clothing >> Women's Clothing >> Lingerie, Sleep & Swimwear >> Shorts >> Alisha Shorts >> Alisha Solid Women's Cycling Shorts;1199.0; %60
.05

Customer name: Yagmur Customer ID: 10006369

Product Informations: SRTEH2FVVKR8AXHB;Alisha Solid Women's Cycling Shorts;Clothing >> Women's Clothing >> Lingerie, Sleep & Swimwear >> Shorts >> Alisha Shorts >> Alisha Solid Women's Cycling Shorts;1199.0; %60
.05

- 1.MEET AN ORDER
- 2.CANCEL AN ORDER
- 3.EXIT

SELECTION :

1

ENTER PRODUCT ID YOU WANT TO MEET: SRTEH2FVVKR8AXHB

Customer name: samet Customer ID: 10003181

Product Informations: SRTEH2FVUHAAWH9X;Alisha Solid Women's Cycling Shorts;Clothing >> Women's Clothing >> Lingerie, Sleep & Swimwear >> Shorts >> Alisha Shorts >> Alisha Solid Women's Cycling Shorts;1199.0; %60
.05

- 1.MEET AN ORDER
- 2.CANCEL AN ORDER
- 3.EXIT

SELECTION :

1

ENTER PRODUCT ID YOU WANT TO MEET: ■

```
***** Welcome to Hepsiburada *****
```

```
1.LOGIN  
2.REGISTER  
3.EXIT  
SELECTION: 1
```

```
ID: 10000001  
PASSWORD: : 12345678
```

```
WELCOME, Alisha
```

```
1.ADD PRODUCTS  
2.REMOVE PRODUCTS  
3.EDIT PRODUCTS  
4.LIST OF ORDERS  
5.MEET/CANCEL ORDERS  
6.EXIT  
SELECTION:
```

```
3
```

```
ENTER PRODUCT ID YOU WANT TO EDIT: SOFECYFAH37ZKUKW  
Product cannot be edited.
```

DO NOT HAVE AUTHENTICATION

```
WELCOME, Alisha
```

```
1.ADD PRODUCTS  
2.REMOVE PRODUCTS  
3.EDIT PRODUCTS  
4.LIST OF ORDERS  
5.MEET/CANCEL ORDERS  
6.EXIT  
SELECTION:
```

```
3  
ENTER PRODUCT ID YOU WANT TO EDIT: SRTEH2FF9KEDEFGE  
CHANGE PRODUCT'S NAME: cHAIR  
CHANGE PRODUCT'S PRICE: 45  
CHANGE PRODUCT'S DISCOUNTED PRICE: 12  
CHANGE PRODUCT'S CATEGORY(ex. FURNITURE >> LIVING ROOM): FURNITURE >> LIVING ROOM  
CHANGE PRODUCT'S DESCRIPTION: For sitting
```

```
WELCOME, Alisha
```

```
1.ADD PRODUCTS  
2.REMOVE PRODUCTS  
3.EDIT PRODUCTS  
4.LIST OF ORDERS  
5.MEET/CANCEL ORDERS  
6.EXIT  
SELECTION:
```

19926 SRTEH2FF9KEDEFGF;CHAIR;FURNITURE >> LIVING ROOM;45;12;For sitting;Alisha
19927 789456123;New product;FURNITURE >> SALON;456;231;koltuk;Alisha
19928

3180 Trader;Fun To See;10003180;12345678
3181 Customer;samet;10003181;12345678
3182 Trader;bakkal;10003182;12345678
3183 Customer;atakan;10006375;13245678945413
3184 Customer;Yagmur;10006369;87654321
3185

orders.txt

1 SRTEH2FVUHAAVH9X;Alisha Solid Women's Cycling Shorts;Clothing >> Women's Clothing >> Lingerie, Sleep & Swimwear >> Shor
2 SLIEGXXYZTTSZD9C;Dreamshomes Velvet Sofa Cover;Home Furnishing >> Living >> Sofa Covers >> Dreamshomes Velvet Sofa Cove
3