

OBJECT ORIENTED PROGRAMMING:

CEP TERM PROJECT

ONLINE SHOPPING SYSTEM

GROUP MEMBERS:

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COURSE NAME: OBJECT ORIENTED PROGRAMMING

COURSE CODE: CS-116

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TERM PROJECT

TITLE:

ONLINE SHOPPING CART

PROJECT DESCRIPTION:

Online shopping cart is a virtual shopping trolley, where shoppers can put all of their want-to-buy products in, review to make adjustments in quantity, product attributes, price, and remove it before checking out. It also allows the managers to adjust, remove and update the products of their choice.

DISTINGUISHING FEATURES OF OUR PROJECT:

The distinguishing feature of our project is the functionality provided to the managers of the shopping system. We've provided them with options to EDIT ACCOUNTS and EDIT PRODUCTS as per their wish. EDIT ACCOUNTS allows them to add another manager account, remove it, change its details and view their own as well as other manager's accounts. EDIT PRODUCTS allows them to adjust stock, remove stock, view stock and update stock. Another distinguishing feature of our project is that we've made the products and their quantity variable enabling the manager to adjust them. One other prominent feature of our project is the display of date and time with the shopping history making it easier for the user to see at what date and time they had made previous orders.

MOST CHALLENGING PART FOR US:

The most challenging part for us while working on this project was deciding the relations between the classes. As the project was way more complex than anything we've done so far, managing it and keeping track of all the classes was troublesome and we had to spend quite a lot of time figuring out how to link the classes during the design part.

NEW THING LEARNT IN PYTHON:

We learnt how to use the 'datetime' module to print order time and date in our shopping history. Besides that we used the format function in python a lot more than we used to previously do and hence became much more familiar with it. We also learnt how to handle complex projects in python and our OOP concepts became much clearer through this project.

FUTURE EXPANSIONS:

In the future when we're more equipped with python, we would like to further expand this project to give it a web or GUI interface so that it looks more presentable.

FLOW OF OUR PROGRAM:

1. Our program starts from class 'Interface' in file (A1_CS19020_26_1.py). The purpose of this class is to link all of the menu classes together and access them as per the user's wish. In the first few lines we have imported all of our .py files so we can access their classes.
2. As soon as we instantiate an object of the 'Interface' class, its default constructor prints a menu asking the user whether they're a user or an admin or they want to exit.
3. If the user selects user:
 - 3.1. We call the method UserMenu () of class Interface which then instantiates an object of class 'Usermenu' from file (A1_CS19020_26_2.py).
 - 3.1.1. *Class Usermenu*: The purpose of this class is to give user the choice to either sign in or sign up.
 - 3.1.2. As soon as an object of this class is instantiated, the default constructor of this class instantiates an object of class 'AccountWork' in the same file. As soon as the object of this class is instantiated, a list containing all the account records from file (A1_CS19020_26_7.txt) is loaded by the constructor.
 - 3.1.3. Then, through the methods of this object, the user either signs in or signs up depending upon their choice. After signing in or signing up, the program asks the user if they want to view their account details (YES or NO). If the user enters yes, the program prints their account details through the methods of class AccountWork's object otherwise it simply returns. After doing all of this, the program returns to UserMenu ().
 - 3.2. An object of class 'userInterfaceProduct' from file (A1_CS19020_26_4.py) is then instantiated in UserMenu ().
 - 3.2.1. *Class userInterfaceProduct*: This class provides an interface for the entire order process.
 - 3.2.2. As soon an object of this class is instantiated, it instantiates an object of class 'Order' in the same file. The default constructor of class 'Order' initializes a cart list for the user in which their order will be placed. After that, it instantiates an object of class

'ProductManagement' from file (A1_CS19020_26_5.py). The default constructor of this class loads the product list from file (A1_CS19020_26_9.txt). Through the object of this class, a product menu is printed on the output by the default constructor of class 'Order'.

3.2.3. The program then asks the user to input product names and their quantities to be included in their order cart. The user can either continue to buy by this process or exit to a menu which gives them more functionality for their cart. If they want, they can either add more items to their cart, remove an item from the cart, view their cart or simply proceed to checkout. If they wish to exit, they are also eligible to do that.

3.2.4. Once, the user chooses checkout, their finalized cart is saved in a text file (A1_CS19020_26_10.txt) and printed and then the program returns to UserMenu ().

3.3. An object of class ShoppingHistory from file (A1_CS19020_26_6.py) is then instantiated in UserMenu ().

3.3.1. *Class ShoppingHistory*: This class deals with all the functionality related to a user's shopping history. When an object of this class is instantiated, the default constructor creates a list in which the user's cart is loaded from file (A1_CS19020_26_10.txt). Another list is created by the constructor in which every user's shopping history is loaded from file (A1_CS19020_26_11.txt).

3.4. The program then asks the user if they want to see their shopping history (YES or NO). If the user enters yes, the program then checks whether the user's shopping history exists in file (A1_CS19020_26_11.txt).

3.5. If it exists, prints the user's shopping history through class ShoppingHistory's instantiated object. If the shopping history does not exist, the program writes a new shopping history list in (A1_CS19020_26_11.txt) then prints that list.

3.6. If the user enters no it simply exits and the Interface once again asks the user if they're a user or admin.

4. If the user selects admin:

4.1. We then call ManagerMenu () of class Interface. The method then instantiates an object of class 'AdminMenu' from file (A1_CS19020_26_3.py).

- 4.1.1. *Class AdminMenu*: The purpose of this class is to allow the admin to sign in and then providing the admin some functionality.
- 4.1.2. As soon as an object of this class is instantiated, the default constructor instantiates an object of *ManageAccount* (inherits from *AccountWork*). The default constructor of this class then creates a list containing every admin's record file (A1_CS19020_26_8.txt).
- 4.1.3. Through the methods of *ManageAccount*'s object, the admin is allowed to sign in.
- 4.2. *ManagerMenu()* then calls *ManagerEditMenu()* of class *Interface*, which prints a menu of options asking admin whether they'd like to Edit Accounts, Edit Products or view Shopping History or exit.
- 4.3. If admin selects Edit Accounts:
 - 4.3.1. *menu()* of class '*AdminMenu*' from file (A1_CS19020_26_3.py) is called which further prints a menu of options for the admin whether they'd like to Add an Account, Change Details of an Account, Remove an Account, View Account Details or exit. If the admin selects any of the four options, the relevant methods will be called from the object of class '*ManageAccount*' in the same file.
 - 4.3.2. If the admin selects exit, then the program returns to *ManagerEditMenu ()*.
- 4.4. If admin selects Edit Products:
 - 4.4.1. *ManagerInterfaceProduct* class from file (A1_CS19020_26_5.py) is called. As soon as this class is called its constructor instantiates an object of class '*ProductManagement*' in the same file. A menu of options is then printed asking the admin if they want to Add a Product, Remove a Product, Show Available Stock, Update Stock or exit. If the admin selects any of the first 4 options, the relevant methods will be called from the object instantiated of class '*ProductManagement*'.
 - 4.4.2. If the admin selects exit, the program returns to *ManagerEditMenu ()*.
- 4.5. If the admin selects View Shopping History:
 - 4.5.1. An object of class *ShoppingHistory* from file (A1_CS19020_26_6.py) is instantiated (refer to point 3.3.1).
 - 4.5.2. Through the methods of this class's object, the shopping history of every account is printed and then the program returns to *ManagerMenu ()*.

CLASS DIAGRAM:



OUTPUT:

TEST RUN 1: User selects 'User Section'.

```
Python 3.7.0 Shell
File Edit Shell Debug Options Window Help

=====
WELCOME TO ONLINE SHOP
=====

MAIN MENU:
*****
1. UserSection
2. AdminSection
Press anyother key to exit
*****
Enter option number:1
=====

WELCOME USER!
Before continuing please select from the following options:

Press '1' to SIGN IN or '2' to SIGN UP:1
ENTER USERNAME:izma
ENTER PASSWORD:d
Incorrect Password!
Would you like to try again(Enter YES or No): yes
TRY AGAIN:
ENTER PASSWORD:izma123
Login Successfull!
WOULD YOU LIKE TO VIEW YOUR ACCOUNT DETAILS?yes

ACCOUNT INFORMATION:
=====
USERNAME: Izma
PASSWORD: izma123
ADDRESS: ABC STREET
=====

-----PRODUCT IN ONLINE SHOP-----
=====

PRODUCTNAME      QUANTITY      PRICE(for 1 product)
Soap              17            34.0Rs/=
Sanitizer         76            50.0Rs/=
Hand wash        15            75.0Rs/=
Juice             33            56.0Rs/=
Chips            60            23.0Rs/=
Milk              41            37.0Rs/=
Tooth brush       40            39.0Rs/=
Tooth paste       11            70.0Rs/=
Watches           53            90.0Rs/=
Clock             29            100.0Rs/=
Crocery           39            45.0Rs/=
Chocolatte        20            19.0Rs/=
Shoes             11            12.0Rs/=
Cream             54            70.0Rs/=
Shirt             62            3400.0Rs/=
Scarf pins        39            50.0Rs/=
Bread             45            10.0Rs/=
Flavored milk     40            50.0Rs/=

-----PLACE YOUR ORDER-----
YOUR CART IS READY!
Press 'e' to exit or ANY KEY to continue: d
Enter PRODUCT NAME to be added in the Cart: Bread
Enter quantity of product: 1
Press 'e' to exit or ANY KEY to continue: d
Enter PRODUCT NAME to be added in the Cart: s
Invalid product entered!!
Enter product name again!Sirt
Invalid product entered!!
Enter product name again!Shirt
Enter quantity of product: 1
Press 'e' to exit or ANY KEY to continue: e
*****
MENU
1: Add more items to Cart
2: Remove items from the cart
3: Show Items in cart
4: CheckOut
Press ANY key to Exit
*****
Enter an option: 1
Enter PRODUCT NAME to be added in the Cart:Chocolate
Enter quantity of product: 1
*****
MENU
1: Add more items to Cart
```

```

2: Remove items from the cart
3: Show Items in cart
4: CheckOut
Press ANY key to Exit
*****
Enter an option: 2
Enter product name of product to be removed: Shirt
You want to remove whole product or some quantity of it?
Press 1 for removing whole product and 2 for changing the quantity only
PRODUCT REMOVED SUCCESSFULLY
*****
MENU
1: Add more items to Cart
2: Remove items from the cart
3: Show Items in cart
4: CheckOut
Press ANY key to Exit
*****
Enter an option: 3
-----ITEMS IN CART-----
PRODUCTNAME      QUANTITY      PRICE(for 1 product)
Bread             1              10.0Rs/=
Chocolate         1              19.0Rs/=

Total price of your products is: 29.0 Rs/=
*****
MENU
1: Add more items to Cart
2: Remove items from the cart
3: Show Items in cart
4: CheckOut
Press ANY key to Exit
*****
Enter an option: 4
Order placed successfully
-----ORDERED ITEMS-----
PRODUCTNAME      QUANTITY      PRICE(for 1 product)
Bread             1              10.0Rs/=
Chocolate         1              19.0Rs/=

Total price of your products is: 29.0 Rs/=
Do you want to see the history details?yes

```

```

UserName : Izma
PRODUCTNAME      QUANTITY      PRICE(for 1 product)
-----
DATE AND TIME: 12/09/2020 14:38:51
Watches          1              90.0Rs\=

DATE AND TIME: 13/09/2020 14:43:50
Shoes            2              12.0Rs\=

DATE AND TIME: 13/09/2020 14:46:21
Shoes            2              12.0Rs\=

DATE AND TIME: 13/09/2020 16:45:09
Shirt            2              3400.0Rs\=
Bread            2              10.0Rs\=

DATE AND TIME: 13/09/2020 18:49:34
Cream            1              70.0Rs\=
Shoes            2              12.0Rs\=

DATE AND TIME: 14/09/2020 12:19:12
Bread            1              10.0Rs\=
Chocolate        1              19.0Rs\=

```

```

MAIN MENU:
*****
1. UserSection
2. AdminSection
Press anyother key to exit
*****
Enter option number:e
Closing ONLINE SHOP.....
===== THANK YOU FOR SHOPPING :) =====
>>>

```


TEST RUN 2: User selects 'AdminSection'.

```
Python 3.7.0 Shell
File Edit Shell Debug Options Window Help

=====
                        WELCOME TO ONLINE SHOP
=====

MAIN MENU:
*****
1. UserSection
2. AdminSection
Press anyother key to exit
*****
Enter option number:2
=====
----- Admin Department-----

WELCOME ADMIN!
PLEASE SIGN IN BEFORE CONTINUING:
ENTER USERNAME:ayesha
ENTER PASSWORD:1234
WELCOME!
=====

ADMIN EDIT MENU:
=====
1. Edit Accounts
2. Edit Products
3. Display Shopping History
Press any key to exit
=====
1
-----ADMIN ACCOUNT MANAGEMENT-----
*****
MENU:
1.ADD AN ACCOUNT
2.CHANGE ACCOUNT INFORMATION
3.VIEW ACCOUNT INFORMATION
4.REMOVE ACCOUNT
'e' to exist:
*****
SELECT AN OPTION: 1
ENTER USERNAME:xyz
ENTER PASSWORD:123
ENTER ADDRESS:ABC STREET

ACCOUNT SUCCESSFULLY ADDED
*****
MENU:
1.ADD AN ACCOUNT
2.CHANGE ACCOUNT INFORMATION
3.VIEW ACCOUNT INFORMATION
4.REMOVE ACCOUNT
'e' to exist:
*****
SELECT AN OPTION: 3

Press '1' to view your own account OR '2' to view all accounts:1

ACCOUNT INFORMATION:
=====
USERNAME: Ayesha
PASSWORD: 1234
ADDRESS: hh street
*****
MENU:
1.ADD AN ACCOUNT
2.CHANGE ACCOUNT INFORMATION
3.VIEW ACCOUNT INFORMATION
4.REMOVE ACCOUNT
'e' to exist:
*****
SELECT AN OPTION: 3

Press '1' to view your own account OR '2' to view all accounts:2
=====

ACCOUNT 1:
USERNAME: Ayesha
PASSWORD: 1234
ADDRESS: hh street
=====

ACCOUNT 2:
USERNAME: Hina
PASSWORD: 123
ADDRESS: hh street
=====
```

```
ACCOUNT 3:
USERNAME: Izma
PASSWORD: izma123
ADDRESS: HH STREET
=====

ACCOUNT 4:
USERNAME: Bisma imran
PASSWORD: 123
ADDRESS: JAHRAUR
=====

ACCOUNT 5:
USERNAME: Xyz
PASSWORD: 123
ADDRESS: ABC STREET
*****
MENU:
1.ADD AN ACCOUNT
2.CHANGE ACCOUNT INFORMATION
3.VIEW ACCOUNT INFORMATION
4.REMOVE ACCOUNT
'e' to exist:
*****
SELECT AN OPTION: 2
ENTER USERNAME OF THE ACCOUNT YOU WANT TO CHANGE:xyz

WOULD YOU LIKE TO MAKE CHANGES TO:
1.USERNAME
2.PASSWORD
3.ADDRESS:
ENTER AN OPTION: 1
ENTER NEW USERNAME:abc
NEW DETAILS:
=====
USERNAME: Abc
PASSWORD: 123
ADDRESS: ABC STREET

*****
MENU:

1.ADD AN ACCOUNT
2.CHANGE ACCOUNT INFORMATION
3.VIEW ACCOUNT INFORMATION
4.REMOVE ACCOUNT
'e' to exist:
*****
SELECT AN OPTION: 4
ENTER USERNAME OF THE ACCOUNT YOU WANT TO REMOVE:xyz
Account does not exist!
Would you like to try again?yes
TRY AGAIN:
ENTER USERNAME OF THE ACCOUNT YOU WANT TO REMOVE:abc
ACCOUNT SUCCESSFULLY REMOVED!
*****
MENU:
1.ADD AN ACCOUNT
2.CHANGE ACCOUNT INFORMATION
3.VIEW ACCOUNT INFORMATION
4.REMOVE ACCOUNT
'e' to exist:
*****
SELECT AN OPTION: 3

Press '1' to view your own account OR '2' to view all accounts:2
=====

ACCOUNT 1:
USERNAME: Ayesha
PASSWORD: 1234
ADDRESS: hh street
=====

ACCOUNT 2:
USERNAME: Hina
PASSWORD: 123
ADDRESS: hh street
=====

ACCOUNT 3:
USERNAME: Izma
PASSWORD: izma123
ADDRESS: HH STREET
```

```
=====
ACCOUNT 4:
USERNAME: Bisma imran
PASSWORD: 123
ADDRESS: JAHUR
*****
MENU:
1.ADD AN ACCOUNT
2.CHANGE ACCOUNT INFORMATION
3.VIEW ACCOUNT INFORMATION
4.REMOVE ACCOUNT
'e' to exist:
*****
SELECT AN OPTION: e
Closing Admin Account Management.....
=====

ADMIN EDIT MENU:
=====
1. Edit Accounts
2. Edit Products
3. Display Shopping History
Press any key to exit
=====
2
-----ADMIN PRODUCT MANAGEMENT-----
*****
MENU:
1: Add products to stock
2:Remove items from stock
3:Show stock available
4:UpdateStock
Press ANY key to Exit
*****
Enter an option: 1
Press 'e' to exit or ANY KEY to continue ----ADDING PRODUCTS TO STOCK----: d
Enter product nameFlour
Enter price of one(1) Flour : 50
Enter quantity of Flour : 40
Press 'e' to exit or ANY KEY to continue ----ADDING PRODUCTS TO STOCK----: e
*****

MENU:
1: Add products to stock
2:Remove items from stock
3:Show stock available
4:UpdateStock
Press ANY key to Exit
*****
Enter an option: 3
-----PRODUCT DETAILS-----
PRODUCTNAME      QUANTITY      PRICE(for 1 product)
Soap              17            34.0Rs/=
Sanitizer         76            50.0Rs/=
Hand wash        15            75.0Rs/=
Juice             33            56.0Rs/=
Chips             60            23.0Rs/=
Milk              41            37.0Rs/=
Tooth brush      40            39.0Rs/=
Tooth paste      11            70.0Rs/=
Watches          53            90.0Rs/=
Clock            29            100.0Rs/=
Crockery         39            45.0Rs/=
Chocolate        19            19.0Rs/=
Shoes            11            12.0Rs/=
Cream            54            70.0Rs/=
Shirt            61            3400.0Rs/=
Scarf pins       39            50.0Rs/=
Bread            44            10.0Rs/=
Flavored milk    40            50.0Rs/=
Flour            40            50.0Rs/=

*****
MENU:
1: Add products to stock
2:Remove items from stock
3:Show stock available
4:UpdateStock
Press ANY key to Exit
*****
Enter an option: 2
Enter product name of product to be removed: Shirt
You want to remove whole product or some quantity of it?
Press 1 for removing whole product and 2 for changing the quantity only2
```

```

Enter quantity of product to be removed2
QUANTITY REMOVED SUCCESSFULLY
*****
MENU:
1: Add products to stock
2:Remove items from stock
3:Show stock available
4:UpdateStock
Press ANY key to Exit
*****
Enter an option: 4
STOCK UPDATED SUCCESSFULLY!-----
*****
MENU:
1: Add products to stock
2:Remove items from stock
3:Show stock available
4:UpdateStock
Press ANY key to Exit
*****
Enter an option: 3
-----PRODUCT DETAILS-----
PRODUCTNAME      QUANTITY      PRICE(for 1 product)
Soap              17             34.0Rs/=
Sanitizer         76             50.0Rs/=
Hand wash        15             75.0Rs/=
Juice             33             56.0Rs/=
Chips             60             23.0Rs/=
Milk              41             37.0Rs/=
Tooth brush       40             39.0Rs/=
Tooth paste       11             70.0Rs/=
Watches           53             90.0Rs/=
Clock             29             100.0Rs/=
Crockery          39             45.0Rs/=
Chocolate         19             19.0Rs/=
Shoes             11             12.0Rs/=
Cream             54             70.0Rs/=
Shirt             59             3400.0Rs/=
Scarf pins        39             50.0Rs/=
Bread             44             10.0Rs/=
Flavored milk     40             50.0Rs/=
Flour             40             50.0Rs/=

MENU:
1: Add products to stock
2:Remove items from stock
3:Show stock available
4:UpdateStock
Press ANY key to Exit
*****
Enter an option: e
Closing Admin Product Management.....
=====

ADMIN EDIT MENU:
=====
1. Edit Accounts
2. Edit Products
3. Display Shopping History
Press any key to exit
=====
3
-----HISTORY DETAILS-----
*****
      UserName : Ayesha
PRODUCTNAME      QUANTITY      PRICE(for 1 product)
-----
DATE AND TIME: 13/09/2020 02:11:22
Juice             1             56.0Rs\=
Shirt             2             3400.0Rs\=

DATE AND TIME: 13/09/2020 02:11:50
Shoes             1             12.0Rs\=
Cream             1             70.0Rs\=

DATE AND TIME: 13/09/2020 12:57:27
Chips             2             23.0Rs\=
Shoes             1             12.0Rs\=

DATE AND TIME: 13/09/2020 13:25:05
Tooth paste       1             70.0Rs\=

```

```

DATE AND TIME: 14/09/2020 00:00:57
Shoes          1          12.0Rs\=
Scarf pins     1          50.0Rs\=

DATE AND TIME: 14/09/2020 12:12:00
Milk           1          37.0Rs\=

=====

UserName : Taha
PRODUCTNAME    QUANTITY    PRICE(for 1 product)
-----
DATE AND TIME: 13/09/2020 12:58:28
Cream          1          70.0Rs\=
Shirt          1          3400.0Rs\=

=====

UserName : Minhal
PRODUCTNAME    QUANTITY    PRICE(for 1 product)
-----
DATE AND TIME: 13/09/2020 13:35:31
Milk           1          37.0Rs\=
Sanitizer      1          50.0Rs\=
Hand wash      1          75.0Rs\=

DATE AND TIME: 13/09/2020 13:36:22
Watches        1          90.0Rs\=

=====

UserName : Izma
PRODUCTNAME    QUANTITY    PRICE(for 1 product)
-----

DATE AND TIME: 12/09/2020 14:38:51
Watches        1          90.0Rs\=

DATE AND TIME: 13/09/2020 14:43:50
Shoes          2          12.0Rs\=

DATE AND TIME: 13/09/2020 14:46:21
Shoes          2          12.0Rs\=

DATE AND TIME: 13/09/2020 16:45:09
Shirt          2          3400.0Rs\=
Bread          2          10.0Rs\=

DATE AND TIME: 13/09/2020 18:49:34
Cream          1          70.0Rs\=
Shoes          2          12.0Rs\=

DATE AND TIME: 14/09/2020 12:19:12
Bread          1          10.0Rs\=
Chocolate      1          19.0Rs\=

=====

UserName : Bisma
PRODUCTNAME    QUANTITY    PRICE(for 1 product)
-----
DATE AND TIME: 13/09/2020 18:16:21
Shoes          2          12.0Rs\=
Cream          1          70.0Rs\=

=====

UserName : Ali
PRODUCTNAME    QUANTITY    PRICE(for 1 product)
-----

```

```
-----
DATE AND TIME: 14/09/2020 00:02:20
Soap          1          34.0Rs\=
Clock         1          100.0Rs\=

=====
=====

ADMIN EDIT MENU:
=====
1. Edit Accounts
2. Edit Products
3. Display Shopping History
Press any key to exit
=====
e
Closing Admin Management.....

MAIN MENU:
*****
1. UserSection
2. AdminSection
Press anyother key to exit
*****
Enter option number:e
Closing ONLINE SHOP.....
===== THANK YOU FOR SHOPPING :) =====
>>> |
```

TEST RUN 3: Random Choices in 'UserSection'.

```
Python 3.7.0 Shell
File Edit Shell Debug Options Window Help
Python 3.7.0 (v3.7.0:1bf9cc5093, Jun 27 2018, 04:59:51) [MSC v.1914 64 bit (AMD64)] on win32
Type "copyright", "credits" or "license()" for more information.
>>>
===== RESTART: C:\Users\ayesh\Downloads\Interface.py =====
=====
WELCOME TO ONLINE SHOP
=====

MAIN MENU:
*****
1. UserSection
2. AdminSection
Press anyother key to exit
*****
Enter option number:1
=====

WELCOME USER!
Before continuing please select from the following options:

Press '1' to SIGN IN or '2' to SIGN UP:d
Invalid entry!

Press '1' to SIGN IN or '2' to SIGN UP:2
ENTER USERNAME:abc
ENTER PASSWORD:123
ENTER ADDRESS:abc street
Account Successfully Created!!
WOULD YOU LIKE TO VIEW YOUR ACCOUNT DETAILS?d
INVALID ENTRY
WOULD YOU LIKE TO VIEW YOUR ACCOUNT DETAILS?no
-----PRODUCT IN ONLINE SHOP-----
=====

PRODUCTNAME      QUANTITY      PRICE(for 1 product)
Soap              17            34.0Rs/=
Sanitizer         76            50.0Rs/=
Hand wash        15            75.0Rs/=
Juice             33            56.0Rs/=
Chips             60            23.0Rs/=
Milk              41            37.0Rs/=
Tooth brush      40            39.0Rs/=
Tooth paste      11            70.0Rs/=
Watches          53            90.0Rs/=
Clock            29            100.0Rs/=
Crockery         39            45.0Rs/=
Chocolate        19            19.0Rs/=
Shoes            11            12.0Rs/=
Cream            54            70.0Rs/=
Shirt            59            3400.0Rs/=
Scarf pins       39            50.0Rs/=
Bread            44            10.0Rs/=
Flavored milk    40            50.0Rs/=
Flour            40            50.0Rs/=

-----PLACE YOUR ORDER-----
YOUR CART IS READY!
Press 'e' to exit or ANY KEY to continue: d
Enter PRODUCT NAME to be added in the Cart: shoes
Enter quantity of product: 1
Press 'e' to exit or ANY KEY to continue: e
*****
MENU
1: Add more items to Cart
2: Remove items from the cart
3: Show Items in cart
4: CheckOut
Press ANY key to Exit
*****
Enter an option: 4
Order placed successfully
-----ORDERED ITEMS-----
PRODUCTNAME      QUANTITY      PRICE(for 1 product)
Shoes             1            12.0Rs/=

Total price of your products is: 12.0 Rs/=
Do you want to see the history details?no
Have a nice day
=====

MAIN MENU:
*****
1. UserSection
2. AdminSection
Press anyother key to exit
*****
Enter option number:e
Closing ONLINE SHOP.....
===== THANK YOU FOR SHOPPING :) =====
>>> |
```