Group D1

Project Name- E-Commerce

Group Members:

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Steps:

Step 1: When we run program, it shows Welcome Page:

```
Welcome to the E-Commerce portal!
A: New User
B: Existing User
C: Admin Login
D: Exit
```

Step 2: Input "A" to create new user.

```
A

Enter First Name>>
Ajay
Enter Last Name>>
Sakpal
Enter Login ID>>
ajay@ekart.com
Enter Password>>
mypass
Loading class `com.mysql.jdbc.Driver'. This is deprecated. The new driver class is
`com.mysql.cj.jdbc.Driver'. The driver is automatically registered via the SPI and
manual loading of the driver class is generally unnecessary.
User Ajay added successfully

Existing User Login
Enter Login ID>>
```

Step 3: Either we can input "B" for above option or after creation of New User it directs us to "Existing User Login" page.

```
Existing User Login
Enter Login ID>>
ajay@ekart.com
Enter Password>>
mypass

Login Successful..

Available Product List


-------------------------------------------------------------------------------------
   ID              Product Name               Description      Price      Qty
-------------------------------------------------------------------------------------
   1                ASUS TUF F15      Laptop core i5 11th gen    22990       90
   6           Apple Watch series 3             Smartwatch       38999      100
   7           Apple Watch series 4       Smartwatch Galaxy     115990      100
   2                    DELL G15      Laptop core i7 11th gen    21989       80
   5                      HP 15s           Laptop Dual core      20900      100
   3              LENOVO Idepad 3      Laptop core i5 10th gen    16990       70
   4              MSI Pulse GL66      Laptop core i7 11th gen    52900      100
   9           Samsung 42 mm watch      Smartwatch frontier     103990      100
   8           Samsung 46mm Watch        Smartwatch galaxy      50290      100
   10       Samsung gear s3 watch           MSI Pulse GL66      75990      100
-------------------------------------------------------------------------------------

Enter Product ID that you want to purchase:
```

Step 4: It asks to provide Product ID and Quantity. After providing details, it will again show Menu for further requirement:

```
Enter Product ID that you want to purchase:
1
Enter quantity that you want to purchase:
10

Current Cart Amount>>229900.0

A. Add more products to the cart.
B. Proceed to buy cart items.
C. Exit
A
Enter Product ID that you want to purchase:
2
Enter quantity that you want to purchase:
20

Current Cart Amount>>669680.0
```

```
A. Add more products to the cart.
B. Proceed to buy cart items.
C. Exit
```

Step 5: After selecting products, input "B" to proceed to buy cart items.

```
A. Add more products to the cart.
B. Proceed to buy cart items.
C. Exit
B

-------------------------------------------------------------------------------------
                            INVOICE
-------------------------------------------------------------------------------------
   ID                 Product Name                     Description   Quantity Unit Price
Amount
-------------------------------------------------------------------------------------
    1                 ASUS TUF F15        Laptop core i5 11th gen         10     22990.0
229900.0
    2                   DELL G15          Laptop core i7 11th gen         20     21989.0
439780.0
-------------------------------------------------------------------------------------
                                                        Invoice Price>> 669680.0/-
                        Order placed Successfully
                  Product will be delivered shortly


-------------------------------------------------------------------------------------


Exiting..
```

Step 6: For admin login, we need to run program again. When we run program, we need to use predefined admin username ("admin") & password ("admin"). On successful login, it shows Admin Menu:

```
Welcome to the E-Commerce portal!
A: New User
B: Existing User
C: Admin Login
D: Exit

C
Admin User Login
Enter Admin Login ID>>
admin
Enter Password>>
admin
Loading class `com.mysql.jdbc.Driver'. This is deprecated. The new driver class is
`com.mysql.cj.jdbc.Driver'. The driver is automatically registered via the SPI and
manual loading of the driver class is generally unnecessary.
Login Successful..
```

```
Admin Menu:
A. Add product details
B. Check product quantity
C. Display registered users list
D. Purchase history for a user
E. Exit
```

Step 7: First option "A" is to add product details to the database.

```
Admin Menu:
A. Add product details
B. Check product quantity
C. Display registered users list
D. Purchase history for a user
E. Exit

A
Enter number of products to add
2
Enter Product name
mouse
Enter Product Desc
computer accessories
Enter Price
200
Enter Qty
100

Details inserted>>
Enter Product name
keyboard
Enter Product Desc
computer accessories
Enter Price
300
Enter Qty
100

Details inserted>>

Admin Menu:
A. Add product details
B. Check product quantity
C. Display registered users list
D. Purchase history for a user
E. Exit
```

Step 8: Option "B" is to check Product Quantity for some Product ID.

```
Admin Menu:
A. Add product details
B. Check product quantity
C. Display registered users list
D. Purchase history for a user
E. Exit

B
Enter Product ID>>
2
Available Product Quantiy>>

Available Quantity for product DELL G15 is >> 60.
```

Step 9: Option "C" is to display list of Registered Users.

```
Admin Menu:
A. Add product details
B. Check product quantity
C. Display registered users list
D. Purchase history for a user
E. Exit

C

Registered Users List>>


-------------------------------------------------------------------------------------------
                                Registered Users List
-------------------------------------------------------------------------------------------
            First Name                   Last Name                       Login ID
-------------------------------------------------------------------------------------------
                Ajay                       Sakpal              ajay@ekart.com
-------------------------------------------------------------------------------------------
```

Step 10: Option "D" is to check purchase history for specified User Login ID.

```
Admin Menu:
A. Add product details
B. Check product quantity
C. Display registered users list
D. Purchase history for a user
E. Exit

D

Purchase History>>
```

```
Enter Login ID of user to check purchase history>>
ajay@ekart.com


----------------------------------------------------------------------------------------------------------------------
                        Purchase History
----------------------------------------------------------------------------------------------------------------------
  First Name      Last Name      Login ID      Purchased Quantity    Product Name    Product Description      Purchased Data & Time
----------------------------------------------------------------------------------------------------------------------
        Ajay         Sakpal  ajay@ekart.com                  20         DELL G15   Laptop core i7 11th gen        2022-07-03 22:27:12
        Ajay         Sakpal  ajay@ekart.com                  10    ASUS TUF F15   Laptop core i5 11th gen        2022-07-03 22:27:12
----------------------------------------------------------------------------------------------------------------------
```

Step 11: Option "E" is used to exit the program.

```
Admin Menu:
A. Add product details
B. Check product quantity
C. Display registered users list
D. Purchase history for a user
E. Exit

E

Exiting..
```