

Day 13:

Task: To implement Thread & Complete CLI for Ecommerce app.

Main menu:

```
Welcome to EKart
1. Product Management
2. Cart Management
3. User Management
4. Bill Management
5. Clear Console
6. exit the application

Enter your choice:
```

Product Management:

```
Enter your choice: 1
Welcome to Product Management System!

Product's Menu:
1. List Product's
2. Add Product
3. Update Product
4. Delete Product
5. Clear Console
6. exit to Main Menu
```

List Products:

```
List of Product's:
```

```
Product Id      : 1
```

```
      Name      : pencil
```

```
      Category: Stationary
```

```
      Stock     : 50
```

```
      Price     : $5
```

```
Product Id      : 2
```

```
      Name      : powder
```

```
      Category: Makeup
```

```
      Stock     : 10
```

```
      Price     : $50
```

Add Product:

```
Enter your choice: 2
```

```
Enter Product Name :Table
```

```
Enter Price Value :15000
```

```
Enter Stock Value :2
```

```
Enter Brand :Derma
```

```
Enter Category :Furniture
```

User Management:

```
Enter your choice: 3
Welcome to User Management System!

User's Menu:
1. List User's
2. Add User
3. Update User
4. Delete User
5. Clear Console
6. exit to Main Menu
```

List Users:

```
Enter your choice: 1

List of User's:
User      : 1
          Name      : sugan
          Email     : sugan@mail.com
          Address   : NY, salem
User      : 2
          Name      : supramani
          Email     : mani_83@mail.com
          Address   : Eyb, San FB
```

Add User:

```
Enter your choice: 2

Enter User Name :periyaswamy

Enter Email :me@test.com

Enter Address :NY, London
```

```
User      : 3
          Name      : periyaswamy
          Email     : me@test.com
          Address   : NY, London
```

User Updation:

```
Enter your choice: 3

Enter User Id :3
Enter the field's to update:
1. Name
2. Email
3. Address

Enter Option :1

Enter Updated Name :sugavanesh
```

Deletion:

```
Enter User ID to delete: 3
User deleted successfully.
```

Cart Management:

```
Enter your choice: 2

Enter User Id :1
Successfully Logged as sugan

Cart's Menu:
1. List CartItems's
2. Add Item
3. Update Cart Item
4. Delete Cart Item
5. Clear Console
6. exit to Main Menu
```

List Items

```
Enter your choice: 1
No items in cart
```

```
Enter your choice: 1
Item      :
          Product : pencil
          Quantity : 5           Price  : $25
```

Add Item

```
Enter your choice: 2

Enter Product Id :1

Enter Quantity :5
```

Update Item Quantity

```
Enter your choice: 3

Enter Product Id :1

Enter Quantity :3
```

Updated Quantity

```
Item      :
      Product : pencil
      Quantity      : 3           Price   : $25
```

If Quantity Exceeds 5

```
Enter Product Id :2

Enter Quantity :6
One or more errors occurred. (Product: powder quantity should not be greater than 5)
```

Bill Management system

```
Enter User Id :2
Successfully Logged as supramani
Welcome to Billing Management System!

Billing's Menu:
1. Checkout Bill
2. Clear Console
3. exit to Main Menu
```

Bill generation - with discount

Enter your choice: 1

Generated Bill

Cart : 3

Pillow 3 x 500

Total Items : 1

Price : \$1500

Discount : -\$75.00

Total : \$1425.00

Bill generation - with shipping charges

Enter your choice: 1

Generated Bill

Cart : 2

pencil 6 x 5

Total Items : 1

Price : \$30

Shipping Charge : \$100

Total : \$130.00