

Case Study- Ecommerce

```
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS Python Debug Console + - [ ] [ ] ... ^ x

-----Main Menu-----
Enter-1 Add a new product
Enter-2 Register Customer
Enter-3 Delete Product
Enter-4 Add To Cart
Enter-5 Remove From Cart
Enter-6 View Cart
Enter-7 Place Order
Enter-8 Exit
Enter your choice: 1
Enter product name: Mouse
Enter description: Wireless Mouse
Enter price: 499
Enter stock quantity: 5

Product 'Mouse' added to the database with ID: 12

Product added successfully!
```

```
-----Main Menu-----
Enter-1 Add a new product
Enter-2 Register Customer
Enter-3 Delete Product
Enter-4 Add To Cart
Enter-5 Remove From Cart
Enter-6 View Cart
Enter-7 Place Order
Enter-8 Exit
Enter your choice: 2
Enter customer name: Akm
Enter password: akm123
Enter email: akm@gmail.com

Customer 'Akm' added to the database with ID: 11
```

```
-----Main Menu-----
Enter-1 Add a new product
Enter-2 Register Customer
Enter-3 Delete Product
Enter-4 Add To Cart
Enter-5 Remove From Cart
Enter-6 View Cart
Enter-7 Place Order
Enter-8 Exit
Enter your choice: 3
All Products:
Product id:1,Product Name: Laptop,Price: 89999.99,Description: High-performance laptop with SSD,Stock Quantity: 50
Product id:2,Product Name: Smartphone,Price: 49999.99,Description: Latest smartphone with dual-camera,Stock Quantity: 100
Product id:3,Product Name: Headphones,Price: 7999.99,Description: Noise-canceling over-ear headphones,Stock Quantity: 75
Product id:4,Product Name: Tablet,Price: 34999.99,Description: 10-inch tablet with long battery life,Stock Quantity: 30
Product id:5,Product Name: Fitness Tracker,Price: 4999.99,Description: Water-resistant fitness tracker,Stock Quantity: 200
Product id:6,Product Name: Bluetooth Speaker,Price: 3999.99,Description: Portable Bluetooth speaker,Stock Quantity: 120
Product id:7,Product Name: Gaming Console,Price: 29999.99,Description: Next-gen gaming console,Stock Quantity: 25
Product id:8,Product Name: 4K TV,Price: 69999.99,Description: Ultra HD Smart TV with HDR,Stock Quantity: 40
Product id:9,Product Name: Wireless Mouse,Price: 699.99,Description: Ergonomic wireless mouse,Stock Quantity: 150
Product id:10,Product Name: External Hard Drive,Price: 5299.99,Description: 2TB USB 3.0 external hard drive,Stock Quantity: 60
Product id:11,Product Name: phone,Price: 29999.00,Description: 8 gb ram,128 gb storage,Stock Quantity: 4
Product id:12,Product Name: Mouse,Price: 499.00,Description: Wireless Mouse,Stock Quantity: 5
Enter product id: 12
Product with ID: 12 deleted successfully!
```

```
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS Python Debug Console + - [ ] [ ] ... ^ x
owsApps\python3.11.exe' 'c:\Users\ayush\.vscode\extensions\ms-python.debugpy-2024.0.0-win32-x64\bundle\libs\debugpy\adapter\..\..\debugpy\launcher' '50748' '--' 'c:
\Users\ayush\OneDrive\Desktop\hexaware\Case Study\Main.py'

-----Main Menu-----
Enter-1 Add a new product
Enter-2 Register Customer
Enter-3 Delete Product
Enter-4 Add To Cart
Enter-5 Remove From Cart
Enter-6 View Cart
Enter-7 Place Order
Enter-8 Exit
Enter your choice: 4
Enter customer id: 2
Enter customer name: Jane Smith
Enter password: securepass
Customer login successfully
All Products:
Product ID: 1,Product Name: Laptop,Price: 89999.99,Description: High-performance laptop with SSD,Stock Quantity: 50
Product ID: 2,Product Name: Smartphone,Price: 49999.99,Description: Latest smartphone with dual-camera,Stock Quantity: 100
Product ID: 3,Product Name: Headphones,Price: 7999.99,Description: Noise-canceling over-ear headphones,Stock Quantity: 75
Product ID: 4,Product Name: Tablet,Price: 34999.99,Description: 10-inch tablet with long battery life,Stock Quantity: 30
Product ID: 5,Product Name: Fitness Tracker,Price: 4999.99,Description: Water-resistant fitness tracker,Stock Quantity: 200
Product ID: 6,Product Name: Bluetooth Speaker,Price: 3999.99,Description: Portable Bluetooth speaker,Stock Quantity: 120
Product ID: 7,Product Name: Gaming Console,Price: 29999.99,Description: Next-gen gaming console,Stock Quantity: 25
Product ID: 8,Product Name: 4K TV,Price: 69999.99,Description: Ultra HD Smart TV with HDR,Stock Quantity: 40
Product ID: 9,Product Name: Wireless Mouse,Price: 699.99,Description: Ergonomic wireless mouse,Stock Quantity: 150
Product ID: 10,Product Name: External Hard Drive,Price: 5299.99,Description: 2TB USB 3.0 external hard drive,Stock Quantity: 60
Product ID: 11,Product Name: phone,Price: 29999.00,Description: 8 gb ram,128 gb storage,Stock Quantity: 4
Enter product id: 11
Enter quantity: 1
Product '11' added to the cart of customer '2' successfully!
```

```
-----Main Menu-----
Enter-1 Add a new product
Enter-2 Register Customer
Enter-3 Delete Product
Enter-4 Add To Cart
Enter-5 Remove From Cart
Enter-6 View Cart
Enter-7 Place Order
Enter-8 Exit
Enter your choice: 5
Enter customer id: 1
Enter customer name: John Doe
Enter password: password123
Customer login successfully
Products in Cart:
Product id: 3 , Product Name: Headphones, price: $7999.99, description:Noise-canceling over-ear headphones, quantity: 2
Product id: 7 , Product Name: Gaming Console, price: $29999.99, description:Next-gen gaming console, quantity: 1
Product id: 10 , Product Name: External Hard Drive, price: $5299.99, description:2TB USB 3.0 external hard drive, quantity: 3
Product id: 11 , Product Name: phone, price: $29999.00, description:8 gb ram,128 gb storage, quantity: 1
Enter product id to remove from cart: 11
Product '11' removed from the cart of customer '1' successfully!
Product removed from cart successfully!
```

```
-----Main Menu-----
Enter-1 Add a new product
Enter-2 Register Customer
Enter-3 Delete Product
Enter-4 Add To Cart
Enter-5 Remove From Cart
Enter-6 View Cart
Enter-7 Place Order
Enter-8 Exit
Enter your choice: 6
Enter customer id: 1
Enter customer name: John Doe
Enter password: password123
Customer login successfully
Products in Cart:
Product id: 3 , Product Name: Headphones, price: $7999.99, description:Noise-canceling over-ear headphones, quantity: 2
Product id: 7 , Product Name: Gaming Console, price: $29999.99, description:Next-gen gaming console, quantity: 1
Product id: 10 , Product Name: External Hard Drive, price: $5299.99, description:2TB USB 3.0 external hard drive, quantity: 3
```

```
-----Main Menu-----
Enter-1 Add a new product
Enter-2 Register Customer
Enter-3 Delete Product
Enter-4 Add To Cart
Enter-5 Remove From Cart
Enter-6 View Cart
Enter-7 Place Order
Enter-8 Exit
Enter your choice: 7
Enter customer id: 2
Enter customer name: Jane Smith
Enter password: securepass
Customer login successfully
Enter shipping address: dmj
Total Price: 135998.95
Order placed successfully!
```