

**PYTHON CODING CHALLENGE**  
**ORDER MANAGEMENT SYSTEM**  
**HARSHINI V**

**OUTPUT SCREENSHOTS:**

**1. Creating a user**

```
Order Management System

Menu:
1. Create User
2. Create Product
3. Create Order
4. Cancel Order
5. Get All Products
6. Get Orders by User
7. Exit
Enter your choice: 1
Enter user ID: 3
Enter username: Shree
Enter password: shree
Enter the role (Admin/User): Admin
User Shree created successfully!
```

**2. Creating a product**

**a. Product under Clothing category**

```
Order Management System

Menu:
1. Create User
2. Create Product
3. Create Order
4. Cancel Order
5. Get All Products
6. Get Orders by User
7. Exit
Enter your choice: 2
Enter user ID: 3
Enter username: Shree
Enter password: shree
Enter role (Admin/User): Admin
Enter product ID(ID number>0): 4
Enter product name: Leggins
Enter product description: used for formal and informal wear
Enter product price: 150
Enter quantity in stock: 300
Enter product type (Electronics/Clothing): Clothing
Enter Clothing Size: 40
Enter Clothing Color: Blue
Product Leggins created successfully!
```

## b. Product under Electronics category

Order Management System

Menu:

1. Create User
2. Create Product
3. Create Order
4. Cancel Order
5. Get All Products
6. Get Orders by User
7. Exit

Enter your choice: 2

Enter user ID: 3

Enter username: Shree

Enter password: shree

Enter role (Admin/User): Admin

Enter product ID(ID number>0): 5

Enter product name: Smart phone

Enter product description: phone with dual sim

Enter product price: 15000

Enter quantity in stock: 180

Enter product type (Electronics/Clothing): Electronics

Enter Electronics Brand: Oppo

Enter Warranty Period (years): 3

Product Smart phone created successfully!

## 3. Creating an order for the user

Order Management System

Menu:

1. Create User
2. Create Product
3. Create Order
4. Cancel Order
5. Get All Products
6. Get Orders by User
7. Exit

Enter your choice: 3

Enter user ID: 3

Enter username: Shree

Enter password: shree

Enter role (Admin/User): Admin

Enter product ID (Enter 0 to finish): 4

Enter product quantity: 1

Enter product ID (Enter 0 to finish): 2

Enter product quantity: 5

Enter product ID (Enter 0 to finish): 5

Enter product quantity: 1

Enter product ID (Enter 0 to finish): 0

Order created successfully.

#### 4. Cancelling an order created by a user

Order Management System

Menu:

1. Create User
2. Create Product
3. Create Order
4. Cancel Order
5. Get All Products
6. Get Orders by User
7. Exit

Enter your choice: 4

Enter user ID: 3

Enter order ID: 5

Order cancelled successfully.

#### Checking whether the order cancelled or not

Order Management System

Menu:

1. Create User
2. Create Product
3. Create Order
4. Cancel Order
5. Get All Products
6. Get Orders by User
7. Exit

Enter your choice: 6

Enter user ID: 3

No orders found for the user.

#### 5. Showing all the products create by the user

Order Management System

Menu:

1. Create User
2. Create Product
3. Create Order
4. Cancel Order
5. Get All Products
6. Get Orders by User
7. Exit

Enter your choice: 5

Products list:

- (1, 'shampoo', 'used to wash hair', Decimal('250.00'), 100, 'Clothing')
- (2, 'Soap', 'used to bath', Decimal('60.00'), 150, 'Clothing')
- (3, 'laptop', 'used to do high tech tasks', Decimal('50000.00'), 500, 'Electronics')
- (4, 'Leggins', 'used for formal and informal wear', Decimal('150.00'), 300, 'Clothing')
- (5, 'Smart phone', 'phone with dual sim', Decimal('15000.00'), 180, 'Electronics')

## 6. Showing all the orders created by the user

Order Management System

Menu:

1. Create User
2. Create Product
3. Create Order
4. Cancel Order
5. Get All Products
6. Get Orders by User
7. Exit

Enter your choice: 6

Enter user ID: 3

Orders for user with ID 3:

- (5, 'Soap', 5)
- (5, 'Leggins', 1)
- (5, 'Smart phone', 1)

## 7. Exiting the process

Order Management System

Menu:

1. Create User
2. Create Product
3. Create Order
4. Cancel Order
5. Get All Products
6. Get Orders by User
7. Exit

Enter your choice: 7

Exiting the Order Management System!!!