

NAME: MONISH COUMAR S
ROLL NUMBER: J208
JAVA CODING CHALLENGE : 03/04/2025

## SAMPLE OUTPUT FOR ORDER MANAGEMENT SYSTEM APPLICATION:

### 1. Create User:

```
Order Management System
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 username: Yuvashree
Enter password: secure123
Enter role (Admin/User): User
User created successfully!
```

### 2. Create Admin:

```
Order Management System
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 username: Praveen S
Enter password: admin567
Enter role (Admin/User): Admin
User created successfully!
```

### 3. Create Duplicate User :

```
Enter your choice: 1
Enter username: Monish Coumar S
Enter password: Admin234
Enter role (Admin/User): Admin
```

```
Duplicate entry 'Monish Coumar S' for key 'users.username'
```

### 4. Create Product:

```
Order Management System
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 admin user ID: 7
Enter product type (Electronics/Clothing): Electronics
Enter product name: Apple ipad
Enter description: Ipad 11th gen, A16 Processor
Enter price: 35000
Enter quantity in stock: 10
Enter brand: Apple
Enter warranty period (months): 12
Product created successfully!
```

### 5. Create Order:

```
Order Management System
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: 5
Enter product ID (or 0 to finish): 3
Enter product ID (or 0 to finish): 0
Order created successfully!
```

## 6. Cancel Order:

```
Order Management System
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: 5
Enter order ID: 4
Order cancelled successfully!
```

## 7. Get all orders:

```
Order Management System
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

All Products:
ID: 1
Name: Iphone
Type: Electronics
Price: 129000.0
Quantity: 5
Brand: Apple
Warranty: 12 months
-----
ID: 2
Name: HP Pavilion
Type: Clothing
Price: 60000.0
Quantity: 10
```

```
-----  
ID: 3  
Name: Apple ipad  
Type: Electronics  
Price: 35000.0  
Quantity: 10  
Brand: Apple  
Warranty: 12 months  
-----
```

## 8. Get Orders by User:

```
Order Management System  
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  
  
User 3 has no orders.
```

```
Order Management System  
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: 1  
  
User 1 has 1 order(s):  
-----  
Product ID: 1  
Name: Iphone  
Type: Electronics  
Price: $129000.0  
Description: Nil  
Brand: Apple  
Warranty Period: 12 months  
-----
```

## 9. Exit:

```
Order Management System
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...

Process finished with exit code 0
|
```