

OUTPUTS

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CODING CHALLENGE: Order Management System

1. Menu Driven Choices

```
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. Adding the User

```
Enter your choice: 1
Enter User ID: 1
Enter Username: Ani
Enter Password: aniroop123
Enter Role (Admin/User): Admin
User created successfully.
```

Results		Messages		
	userId	username	password	role
1	1	Ani	aniroop123	Admin

3. Adding the Product

```
Enter your choice: 2
Enter User ID: 1
Enter Product ID: 1
Enter Product Name: Mouse
Enter Product Description: Wireless Mouse Battery AA
Enter Product Price: 350
Enter Product Quantity: 2
Enter Product Type (Electronics/Clothing): Electronics
Product created successfully.
```

Results		Messages				
	productId	productName	description	price	quantityInStock	type
1	1	Mouse	Wireless Mouse Battery AA	350	2	Electronics

4. Creating the Order

```
Enter your choice: 3
Enter User ID: 1
Enter Product ID (0 to finish): 1
Enter Product ID (0 to finish): 0
2
Order created successfully.
```

Results		Messages
	OrderId	UserId
1	2	1

Results		Messages	
	OrderId	ProductId	Quantity
1	2	1	NULL

5. Get all Products

```
Enter your choice: 5
All Products:
(1, 'Mouse', 'Wireless Mouse Battery AA', 350.0, 2, 'Electronics')
```

6. Get Orders by User

```
Enter your choice: 6
Enter User ID: 1
All Orders for User ID 1:
(2, 1)
```

7. Cancel the Order

```
Enter your choice: 4
Enter User ID: 1
Enter Order ID: 2
Order cancelled successfully.
```

8. User Not Found Exception

```
Enter your choice: 4
Enter User ID: 5
Enter Order ID: 2
Error cancelling order: User with ID 5 not found.
```

9. Order Not Found Exception

```
Enter your choice: 4  
Enter User ID: 1  
Enter Order ID: 3  
Error cancelling order: Order with ID 3 not found for user 1.
```