AU SpringMVC Assignment
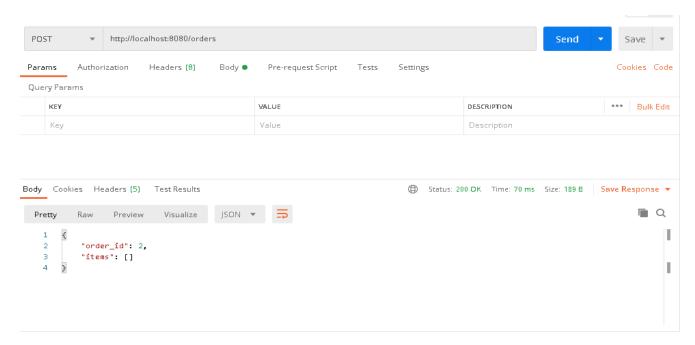
Ruthvik Kottala
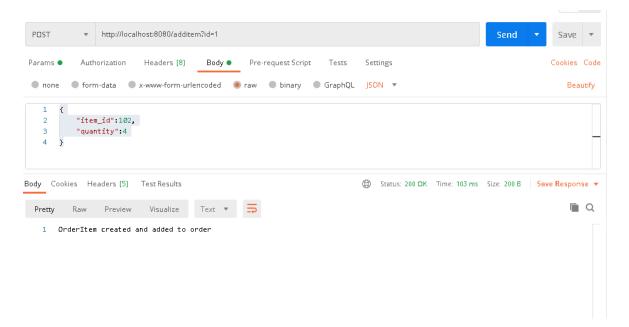
Order Management System
1. Create Spring boot project with MVC architecture in place (All layers should be well defined)
2. Create below API's for ordering system
a) POST API to Create an Order
b) POST API to Add items in an Order
c) PUT API to Update Item details
d) GET API to Get all the Item details in an Order
e) DELETE API to Delete an Item in an Order

Create Order

Add Item to Order

POST ▼ | http://localhost:8080/additem?id=1 | Send ▼ | Save ▼

Params ●   Authorization   Headers (8)   Body ●   Pre-request Script   Tests   Settings   Cookies   Code

○ none ○ form-data ○ x-www-form-urlencoded ● raw ○ binary ○ GraphQL   JSON ▼   Beautify

```
1  {
2      "item_id":102,
3      "quantity":4
4  }
```

Body   Cookies   Headers (5)   Test Results   ⊕ Status: 200 OK   Time: 103 ms   Size: 200 B   Save Response ▼

Pretty   Raw   Preview   Visualize   Text ▼

```
1  OrderItem created and added to order
```

View All orders and items

GET ▼ | http://localhost:8080/item?id=1 | Send ▼ | Save ▼

Params ●   Authorization   Headers (6)   Body   Pre-request Script   Tests   Settings   Cookies   Code

Body   Cookies   Headers (5)   Test Results   ⊕ Status: 200 OK   Time: 20 ms   Size: 257 B   Save Response ▼

Pretty   Raw   Preview   Visualize   JSON ▼

```
1  [
2      {
3          "orderitem_id": 2,
4          "item_id": 101,
5          "quantity": 3
6      },
7      {
8          "orderitem_id": 3,
9          "item_id": 102,
10         "quantity": 4
11     }
12  ]
```

Update Item

PUT http://localhost:8080/updateItem?id=1&orderid=2   Send   Save

Params ●   Authorization   Headers (8)   Body ●   Pre-request Script   Tests   Settings   Cookies   Code

Query Params

	KEY	VALUE	DESCRIPTION	•••	Bulk Edit
☑	id	1			
☑	orderid	2			

Body   Cookies   Headers (5)   Test Results   Status: 200 OK   Time: 143 ms   Size: 184 B   Save Response ▼

Pretty   Raw   Preview   Visualize   Text ▼

```
1   updated successfully
```

Delete Item from order

DELETE http://localhost:8080/deleteItem?id=1   Send   Save

Params ●   Authorization   Headers (6)   Body   Pre-request Script   Tests   Settings   Cookies   Code

Body   Cookies   Headers (5)   Test Results   Status: 200 OK   Time: 179 ms   Size: 170 B   Save Response ▼

Pretty   Raw   Preview   Visualize   Text ▼

```
1   deleted
```