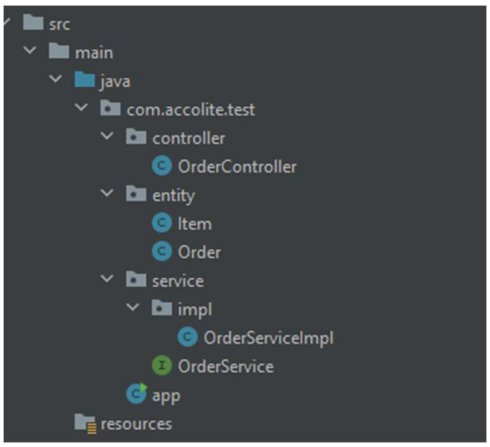
Spring MVC Assignment

By Raj Vignesh Karunakaran

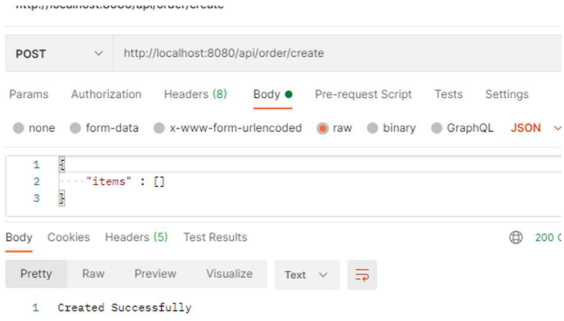
To create an order processing system which follows MVC Architecture

File Structure:

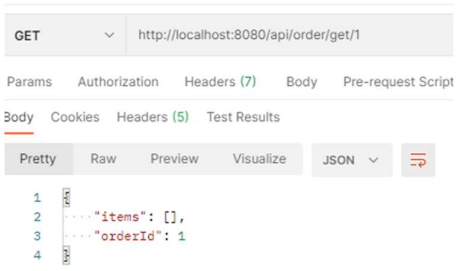


Check GitHub for the source code.

1. Create and get Order.
   a. POST method to create an order (OrderId is automatically assigned)

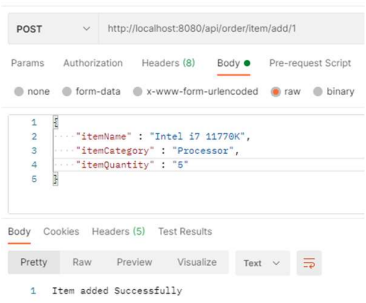


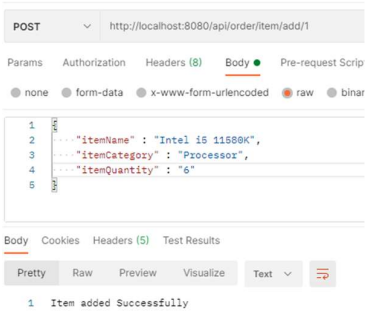
   b. GET method to get the order by Id.

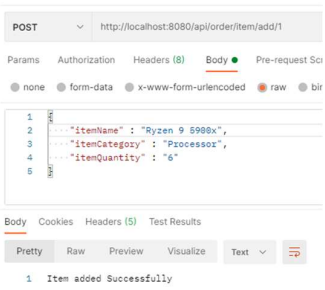


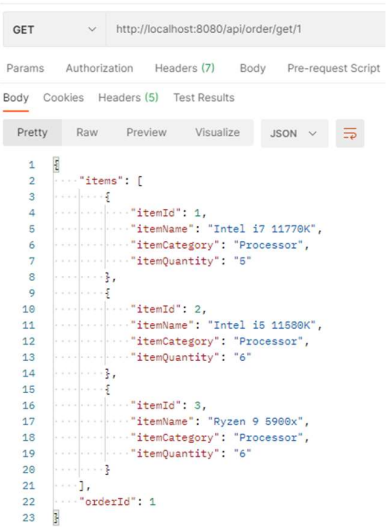
2. Item creation and Manipulation

    a. Create and add an item to the order (Throws error if Order id is not found and the ItemId is assigned automatically)

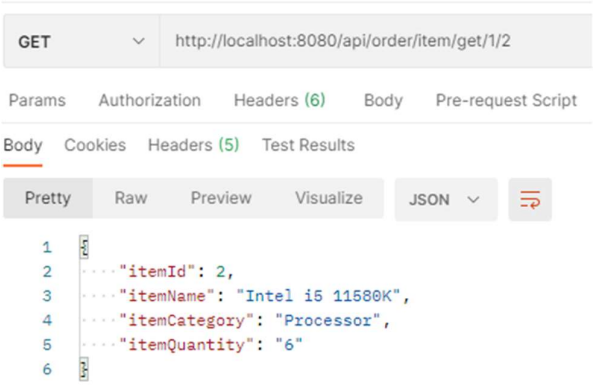




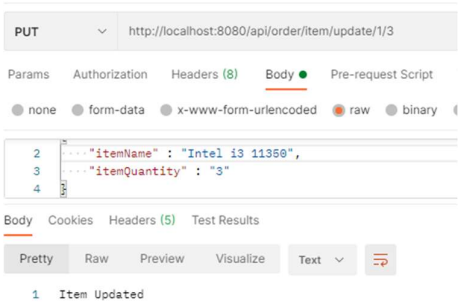




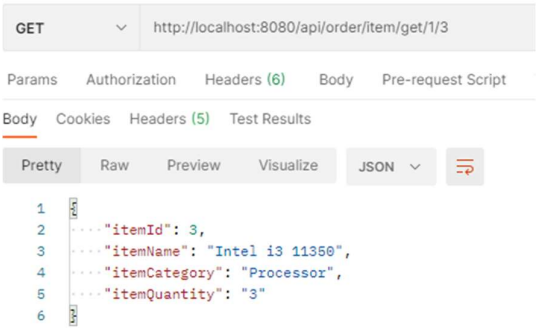
    b. Get item by id from an order (Throws error if the orderId, itemId is not found)



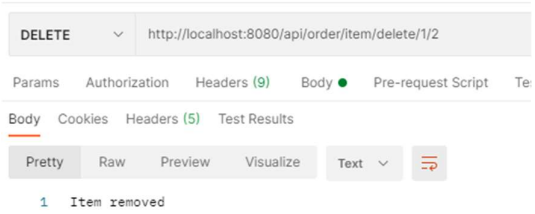
c. Update an item in an order (Throws error if the orderId, itemId is not found, Also can update any key at any time. Throws an error if the key is not present in item)



After updating details:



d. Delete an Item using itemId (Throws error if the orderId, itemId is not found, Also updates the ItemId of other elements accordingly)



After Deletion of Item #2: