

Spring MVC Assignment

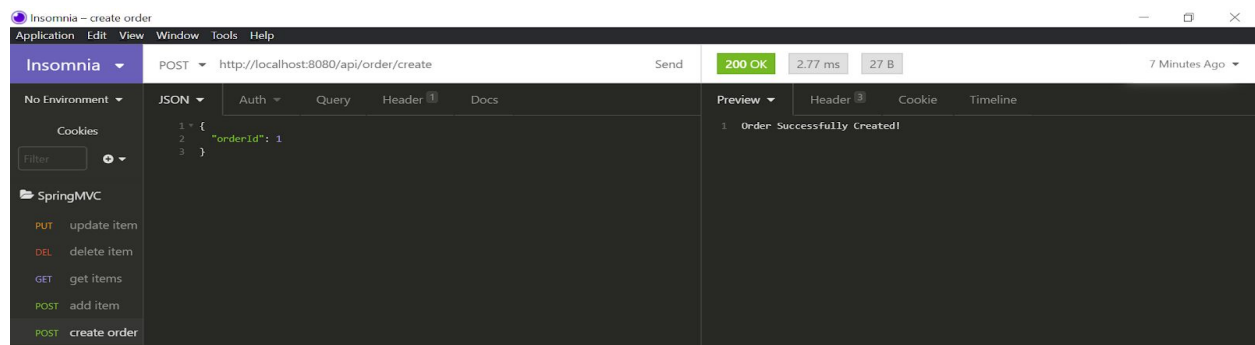
Prabhakar

Task:

- Create Spring MVC application [properly MVC architecture] : Order management application
- API -> create order
- API -> add Item
- API -> view the items
- API -> delete item
- API -> update item description (any field)
- Dependency injection wherever applicable
- Validations and error handling wherever applicable

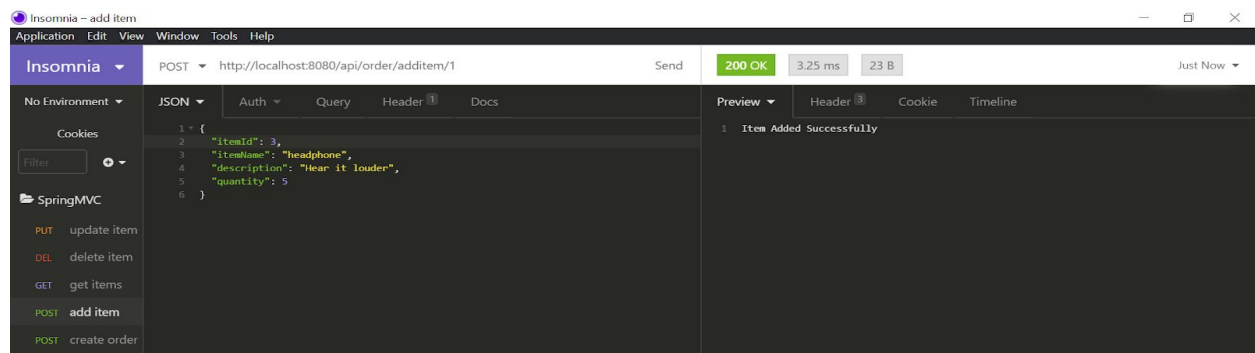
Create Order:

<http://localhost:8080/api/order/create>



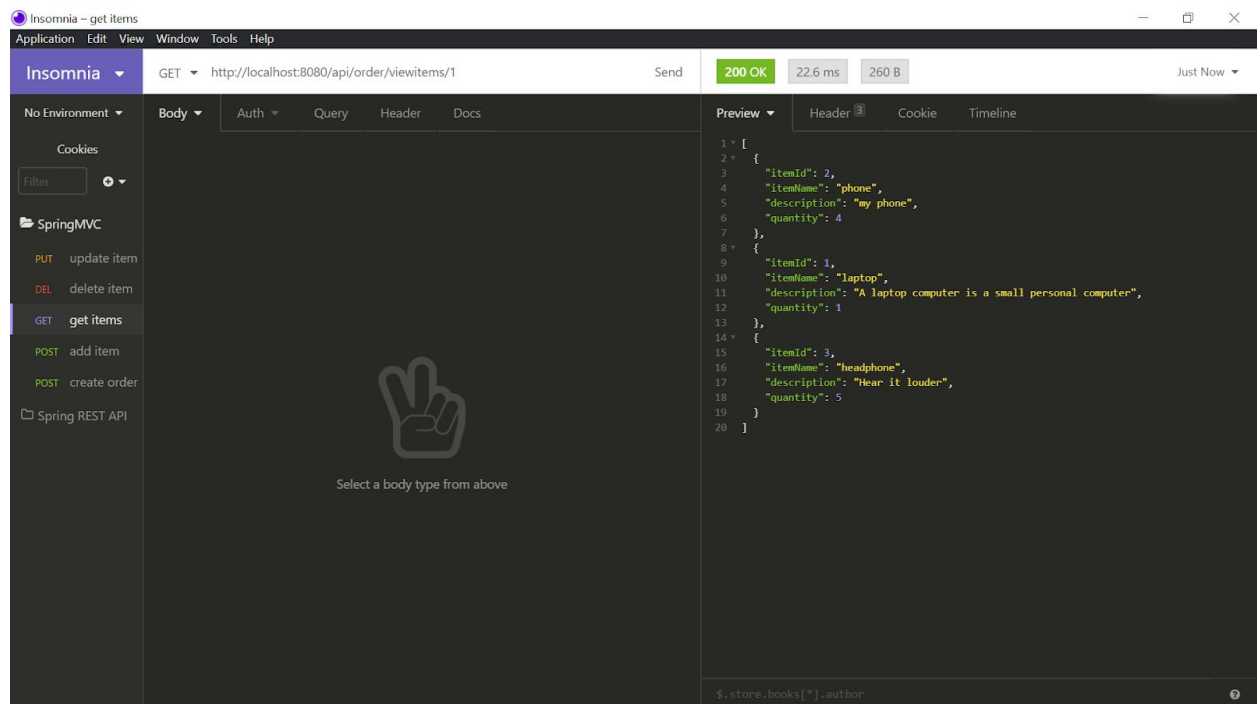
Adding Items inside order:

<http://localhost:8080/api/order/additem/1>



View Items from the Order:

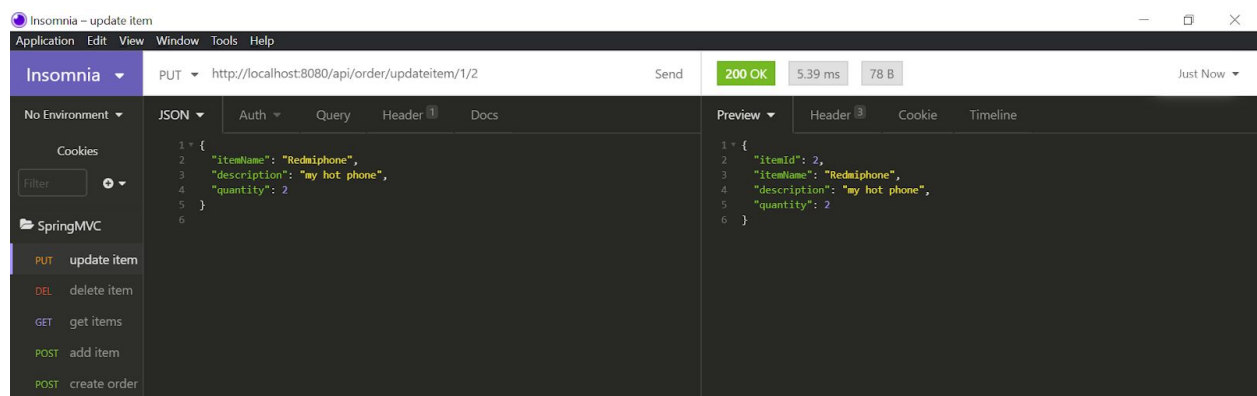
<http://localhost:8080/api/order/viewitems/1>



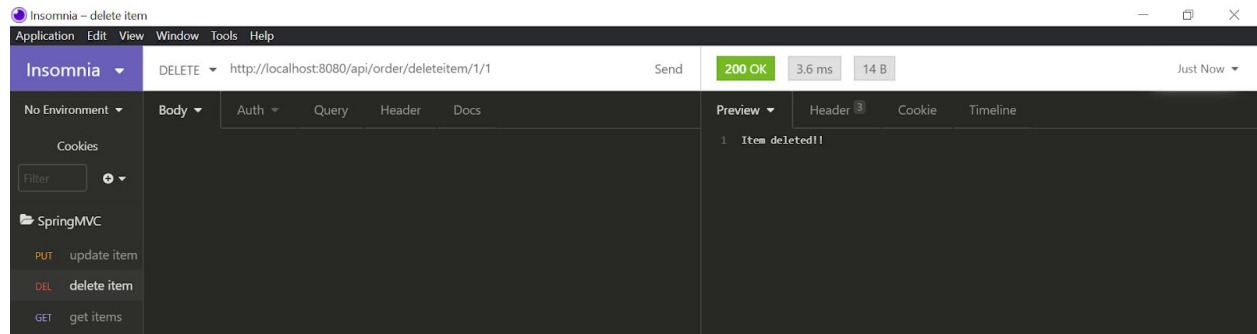
Update Item from specific order:

- Any field or all fields can be updated except id.
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<http://localhost:8080/api/order/updateitem/1/2>

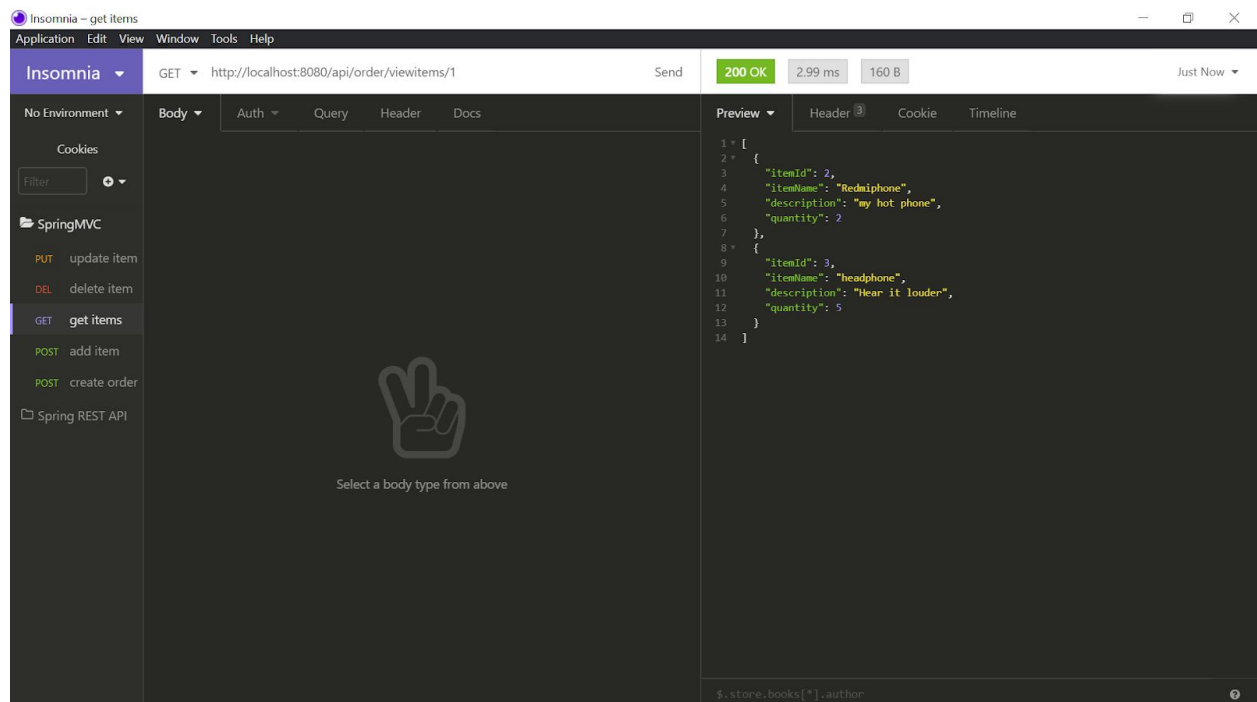


Delete Item:



Item list after deletion and updation:

- item 2 is updated and item 1 deleted.



Validations:

```
<dependency>
    <groupId>org.springframework.boot</groupId>
    <artifactId>spring-boot-starter-validation</artifactId>

</dependency>
```

- @NonNull
- @Max
- @Size

Also used lombok for getter and setter(@Getter, @Setter)