Web API Design with SpringBoot Week 2 Coding Assignment

Points possible: 70

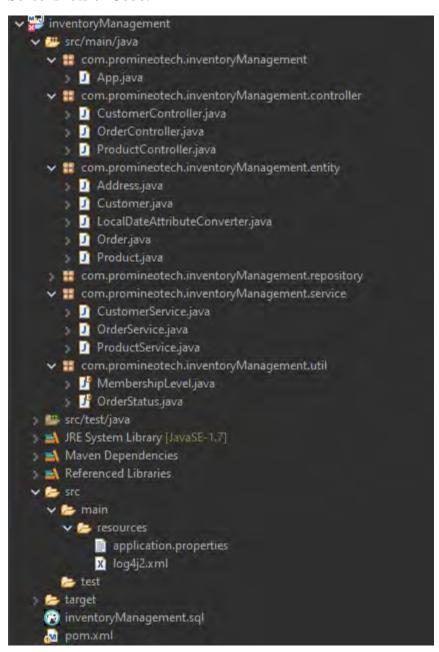
Category	Criteria	% of Grade
Functionality	Does the code work?	25
Organization	Is the code clean and organized? Proper use of white space, syntax, and consistency are utilized. Names and comments are concise and clear.	25
Creativity	Student solved the problems presented in the assignment using creativity and out of the box thinking.	25
Completeness	All requirements of the assignment are complete.	25

Instructions: In Eclipse, or an IDE of your choice, write the code that accomplishes the objectives listed below. Ensure that the code compiles and runs as directed. Take screenshots of the code and of the running program (make sure to get screenshots of all required functionality) and paste them in this document where instructed below. Create a new repository on GitHub for this week's assignments and push this document, with your Java project code, to the repository. Add the URL for this week's repository to this document where instructed and submit this document to your instructor when complete.

Coding Steps:

Follow the tutorial in the homework section to build an API. Paste screenshots of your code and your postman requests and responses to show the API works. Push your project to GitHub and paste the link below.

Screenshots of Code:



com.promineotech.inventoryManagement.controller
 CustomerController.java
 OrderController.java
 ProductController.java

```
☑ ProductController.java X
      package com.promineotech.inventoryManagement.controller;
   30 import org.springframework.beans.factory.annotation.Autowired;
4 import org.springframework.http.HttpStatus;
5 import org.springframework.http.ResponseEntity;
              ort org.springframework.web.bind.annotation.PathVariable;
ort org.springframework.web.bind.annotation.RequestBody;
             port org.springframework.web.bind.annotation.RequestMapping;
port org.springframework.web.bind.annotation.RequestMethod;
       import com.promineotech.inventoryManagement.entity.Product;
import com.promineotech.inventoryManagement.service.ProductService;
       @RequestMapping("/products")
public class ProductController {
  190
              @RequestMapping(method=RequestMethod.GET)
public ResponseEntity<Object> getProducts
  220
                   ublic ResponseEntity<Object> getProducts() {
    return new ResponseEntity<Object>(service.getProducts(), HttpStatus.OK);
               @RequestMapping(method=RequestMethod.POST)
public ResponseEntity<Object> createProduct(@RequestBody Product product) {
   return new ResponseEntity<Object>(service.createProduct(product), HttpStatus.CREATED);
               @RequestMapping(value="/{id}", method=RequestMethod.PUT)
public ResponseEntity<Object> updateProduct(@RequestBody Product product, @PathVariable Long id) {
                      } catch (Exception e) {
   return new ResponseEntity<Object>("Unable to update product.", HttpStatus.BAD_REQUEST);
               @RequestMapping(value="/{id}", method=RequestMethod.DELETE)
public ResponseEntity<Object> deleteProduct(@PathVariable Long id) {
    try {
                     service.removeProduct(id);
    return new ResponseEntity<Object>("Successfully deleted product with id: ", HttpStatus.OK);
} catch (Exception e) {
    return new ResponseEntity<Object>("Unable to delete product.", HttpStatus.BAD_REQUEST);
```

```
    com.promineotech.inventoryManagement.entity
    J Address.java
    J Customer.java
    J LocalDateAttributeConverter.java
    J Order.java
    J Product.java
```

```
☑ Address.java X
   package com.promineotech.inventoryManagement.entity;
  3 import javax.persistence.Entity;
4 import javax.persistence.GeneratedValue;
5 import javax.persistence.GenerationType;
6 import javax.persistence.Id;
7 import javax.persistence.OneToOne;
  9 import com.fasterxml.jackson.annotation.JsonIgnore;
      public class Address {
             private String street;
private String city;
private String state;
private String zip;
 200
              private Customer customer;
 230
             @GeneratedValue(strategy = GenerationType.AUTO)
public Long getId() {
    return id;
             public void setId(Long id) {
   this.id = id;
 29⊖
3Ø
              public String getStreet() {
                    return street;
             public void setStreet(String street) {
   this.street = street;
410
             public 5tring getCity() {
    return city;
             public void setCity(String city) {
    this.city = city;
 450
                                                                                                                      public void setZip(String zip) {
   this.zip = zip;
                                                                                                         610
             public 5tring getState() {
    return state;
 490
                                                                                                                     @OneToOne(mappedBy = "address")
public Customer getCustomer() {
    return customer;
                                                                                                         650
             public void setState(String state) {
   this.state = state;
 530
                                                                                                                     public void setCustomer(Customer customer) {
    this.customer = customer;
                                                                                                         780
             public 5tring getZip() {
    return zip;
 57●
```

```
Customer.java X
 1 package com.promineotech.inventoryManagement.entity;
 30 import java.util.Set;
16 @Entity
        private Long id;
        private String firstName;
        private String lastName;
        private Address address;
        private MembershipLevel level;
        private Set<Order> orders;
        @Id
260
        @GeneratedValue(strategy = GenerationType.AUTO)
        public Long getId() {
            return id;
310
        public void setId(Long id) {
            this.id = id;
340
        public 5tring getFirstName() {
            return firstName;
370
        public Void setFirstName(String firstName) {
            this.firstName = firstName;
400
        public String getLastName() {
            return lastName;
430
        public void setLastName(String lastName) {
            this.lastName = lastName;
460
        @OneToOne(cascade = CascadeType.ALL)
        @JoinColumn(name = "address_id")
public Address getAddress() {
            return address;
510
        public void setAddress(Address address) {
            this.address = address;
540
        public MembershipLevel getLevel() {
            return level;
        public void setLevel(MembershipLevel level) {
570
            this.level = level;
        @OneToMany(mappedBy = "customer")
680
        public Set<Order> getOrders() {
            return orders;
640
        public void setOrders(Set<Order> orders) {
            this.orders = orders;
```

```
☐ Order.java 🗙
                         age com.promineotech.inventoryManagement.entity;
              import java.time.LocalDate;
import java.util.Set;
             import javax.persistence.Entity;
import javax.persistence.GeneratedValue;
import javax.persistence.GenerationType;
import javax.persistence.Id;
import javax.persistence.Id;
import javax.persistence.ManyToMany;
import javax.persistence.ManyToMone;
import javax.persistence.ManyToMone;
import javax.persistence.ManyToMone;
              import com.fasterxml.jackson.annotation.JsonIgnore;
import com.promineotech.inventoryManagement.util.OrderStatus;
                      private Long id;
private LocalDate ordered;
private LocalDate estimatedDelivery;
private LocalDate delivered;
private double invoiceAmount;
private double invoiceAmount;
private OrderStatus status;
private Set<Product> products;
                                                                                                                                                                                                                            | This plain an order can contain many produts, and a product can be in many orders.
| This is the "owned" side
| ManyToMany(mappedBy = "orders")
| public SetkProducts | getProducts() {
| return products;
| public void setProducts(SetkProduct> products) {
| this.products = products;
| }
     32
330
                       @Id
@GeneratedValue(strategy = GenerationType.AUTO)
public Long getId() {
   return id;
                                                                                                                                                                                                                               @NanyToOne
@JoinColumn(name = "customerId")
public Customer getCustomer() {
    return customer;
}
    40
410
                              blic LocalDate getOrdered() {
  return ordered;
    43
440
                      }
public LocalDate getEstimatedDelivery() {
    return estimatedDelivery;
    46
47⊜
                                                                                                                                                                                                                                }
public void setStatus(OrderStatus status) {
    this.status = status;
```

```
☐ Product.java 🗙
   package com.promineotech.inventoryManagement.entity;
       import javax.persistence.CascadeType;
import javax.persistence.Entity;
import javax.persistence.GeneratedValue;
import javax.persistence.GenerationType;
import javax.persistence.Id;
import javax.persistence.JoinColumn;
import javax.persistence.JoinTable;
import javax.persistence.ManyToMany;
 13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28
29
30
31
32
33
       import com.fasterxml.jackson.annotation.JsonIgnore;
              private Long id;
private String name;
private String description;
private double price;
              @JsonIgnore
private Set<Order> orders;
              @Id
@GeneratedValue(strategy = GenerationType.AUTO)
public tong getld() {
    return id;
}
 public String getName() {
    return name;
              public void set/(ame(String name) {
   this.name = name;
}
                                                                                                                        public void setDescription(String description) {
    this.description = description;
}
                                                                                                                         public void setOnders(Set<Onder> orders) {
    this.orders = orders;
```

```
AddressRepository.java X

1 package com.promineotech.inventoryManagement.repository;
2
30 import org.springframework.data.repository.CrudRepository;
6
7 public interface AddressRepository extends CrudRepository<Address, Long> {
8
9 }
10
```

```
CustomerRepository.java X

1 package com.promineotech.inventoryManagement.repository;
2
30 import org.springframework.data.repository.CrudRepository;
6
7 public interface CustomerRepository extends CrudRepository<Customer, Long> {
8
9 }
10
```

```
D OrderRepository.java X

1  package com.promineotech.inventoryManagement.repository;
2
3  import org.springframework.data.repository.CrudRepository;
6
7  public interface OrderRepository extends CrudRepository<Order, Long> {
8
9  }
10
```

```
ProductRepository.java X

1 package com.promineotech.inventoryManagement.repository;
2
30 import org.springframework.data.repository.CrudRepository;
6
7 public interface ProductRepository extends CrudRepository<Product, Long> {
9 }
10
```

```
    com.promineotech.inventoryManagement.service
    CustomerService.java
    OrderService.java
    ProductService.java
```

```
🚺 CustomerService.java 🗶
     package com.promineotech.inventoryManagement.service;
 import org.apache.logging.log4j.LogManager;
import org.apache.logging.log4j.Logger;
import org.springframework.beans.factory.annotation.Autowired;
import org.springframework.stereotype.Service;
        ort org.springframework.stereotype.Service;
    import com.promineotech.inventoryManagement.entity.Customer;
import com.promineotech.inventoryManagement.repository.CustomerRepository;
         private static final Logger logger = LogManager.getLogger(CustomerService.class);
17⊜
         @Autowired
          private CustomerRepository repo;
20€
               try {
    return repo.findOne(id);
} catch (Exception e) {
                   Logger.error("Exception occurred while trying to retrieve customer: " + id, e);
                   throw e;
29●
         public Iterable<Customer> getCustomer() {
              return repo.findAll();
33●
          public Customer createCustomer(Customer customer) {
              try {
   Customer oldCustomer = repo.findOne(id);
                   oldCustomer.setAddress(customer.getAddress());
                   oldCustomer.setFirstName(customer.getFirstName());
                   oldCustomer.setLastName(customer.getLastName());
                  oldCustomer.setLevel(customer.getLevel());
              return repo.save(oldCustomer);
} catch (Exception e) {
                   Logger.error("Exception occurred while trying to update customer: " + id, e);
                   throw new Exception("unable to update customer.");
51⊜
                catch (Exception e) {
                   logger.error("Exception occurred while trying to delete customer: " + id, e);
                   throw new Exception("unable to delete customer.");
```

```
🚺 OrderService.java 🗶
    package com.promineotech.inventoryManagement.service;
    ∃⊜ import java.time.LocalDate;
   4 import java.util.HashSet;
5 import java.util.Set;
       import org.apache.logging.log4j.LogManager;
  import org.apache.logging.log4j.Logger;
import org.springframework.beans.factory.annotation.Autowired;
import org.springframework.stereotype.Service;
  12 import com.promineotech.inventoryManagement.entity.Customer;
 import com.promineotech.inventory/Management.entity.Order;
import com.promineotech.inventory/Management.entity.Product;
import com.promineotech.inventory/Management.repository.CustomerRepository;
import com.promineotech.inventory/Management.repository.OrderRepository;
import com.promineotech.inventory/Management.repository.ProductRepository;
  import com.promineotech.inventoryManagement.util.MembershipLevel;
import com.promineotech.inventoryManagement.util.OrderStatus;
            private static final Logger logger = LogManager.getLogger(OrderService.class);
private final int DELIVERY_DAYS = 7;
  27⊜
            @Autowired
            private OrderRepository repo;
  30€
            private CustomerRepository customerRepo;
  330
            @Autowired
            private ProductRepository productRepo;
  36●
            public Order submitNewOrder(Set<Long> productIds, Long customerId) throws Exception {
                  logger.error("Exception occurred while trying to create new order for customer: " + customerId, e);
                  try {
    Order order = repo.findOne(orderId);

                       order.setStatus(OrderStatus.CANCELED);
                  return repo.save(order);
} catch (Exception e) {
                       logger.error("Exception occurred while trying to cancel order: " + orderId, e);
throw new Exception("unable to update order.");
                           rder order =repo.findOne(orderId);
```

```
· 📳 · ¶ : 🎽 · 🙌 · 💝 · ← · →
🚺 ProductService.java 🗶
   package com.promineotech.inventoryManagement.service;
 40 import org.apache.logging.log4j.LogManager;
        private static final Logger logger = (Logger) LogManager.getLogger(ProductService.class);
170
        @Autowired
        private ProductRepository repo;
200
        public Iterable<Product> getProducts() {
           return repo.findAll();
240
        public Product createProduct(Product product) {
           return repo.save(product);
280
           oldProduct.setDescription(product.getDescription());
               oldProduct.setName(product.getName());
               oldProduct.setPrice(product.getPrice());
               return repo.save(oldProduct);
           } catch (Exception e) {
               logger.error("Exception occurred while trying to update product: " + id, e);
               throw new Exception("unable to update product.");
410
               repo.delete(id);
            } catch (Exception e) {
               logger.error("Exceptioin occured while trying to delete product: " + id, e);
               throw new Exception("unable to delete product.");
```

```
package com.promineotech.inventoryManagement.util;

public enum MembershipLevel {

    SILVER(.05),
    GOLD(.10),
    DIAMOND(.15),
    PLATINUM(.20);

private double discount;

MembershipLevel(double discount) {
    this.discount = discount;
}

public double getDiscount() {
    return discount;
}

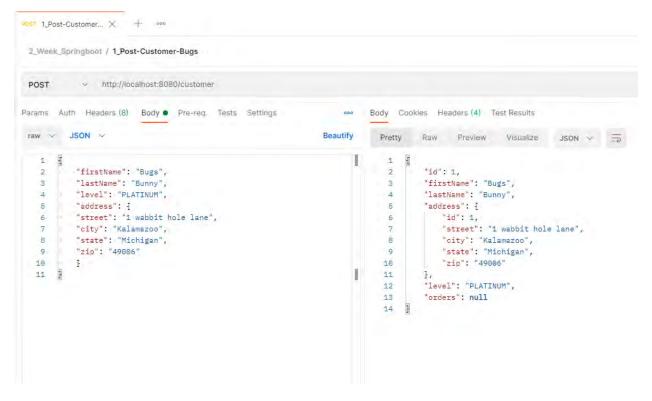
public double getDiscount() {
    return discount;
}
```

Screenshots of Running Application:

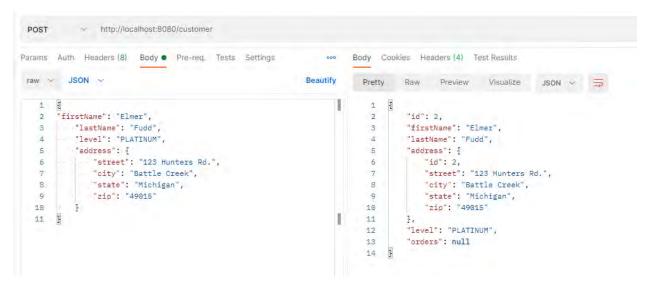
Text document titled "JeffBeck_Week_2_CodingAssignment_Postman_Tests" saved to Git details data used and steps for testing code in postman. Each step in text document corresponds with steps listed below:

Text document titled "CommandPrompt-mvn spring-boot run" is the CLI documentations showing the spring-boot API was able to make establish the necessary endpoints in order to carry out and test the API in Postman...

(1) POST (body/raw/JSON) http://localhost:8080/customer



(2) //2_Post-Customer-Elmer



(3) //3_Post-Customer-Wile

```
2_Week_Springboot / 3_Post-Customer-Wile
           http://localhost:8080/customer
 POST
Params Auth Headers (8) Body • Pre-req. Tests Settings
                                                                           Body Cookies Headers (4) Test Results.
 raw v JSON v
                                                                 Beautify
                                                                              Pretty
                                                                                              Preview
                                                                                                       Visualize
                                                                                                                   JSON V
           "firstName": "Wile E.",
                                                                                       "id": 3,
                                                                                       "firstName": "Wile E.",
           "lastName": "Coyote",
   3
                                                                               3
                                                                                       "lastName": "Coyote",
           "level": "SILVER",
   4
                                                                                4
   5
           "address": {
                                                                                       "address": {
   6
               "street": "2020 Acme Lane",
                                                                                           "id": 3,
               "city": "Portage",
                                                                                           "street": "2020 Acme Lane",
               "state": "Michigan",
   8
                                                                                           "city": "Portage",
                                                                               8
               "zip": "49002"
                                                                                           "state": "Michigan",
   9
                                                                                          "zip": "49002"
  10
                                                                               10
                                                                              11
                                                                                       "level": "SILVER",
                                                                              12
                                                                                       "orders": null
                                                                              13
                                                                               14
```

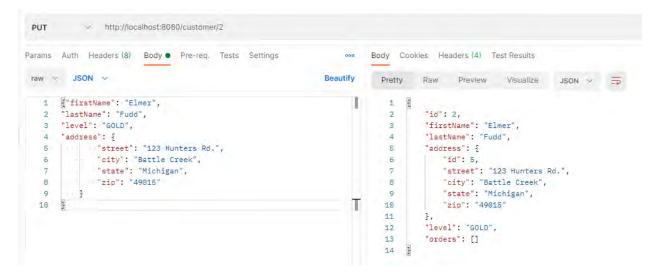
(4) //4_Post-Customer-Tasmanian



(5) GET (body/raw/JSON) http://localhost:8080/customer

```
Body Cookies Headers (4) Test Results
          Raw Preview Visualize
   1
   2
              "id": 1,
   3
              "firstName": "Bugs",
   4
              "lastName": "Bunny",
   6
              "address": {
                 "id": 1,
                  "street": "1 wabbit hole lane",
                  "city": "Kalamazoo",
   9
                  "state": "Michigan",
  10
                  "zip": "49006"
  12
             "level": "PLATINUM",
  13
  14
              "orders": []
        3,
  15
  16
          E
  17
              "id": 2,
              "firstName": "Elmer",
  18
              "lastName": "Fudd",
  19
  20
               "address": {
                  "id": 2,
  21
                  "street": "123 Hunters Rd.",
  22
  23
                  "city": "Battle Creek",
                  "state": "Michigan",
  24
  25
                  "zip": "49015"
  26
               "level": "PLATINUM",
  27
              "orders": []
  28
  29
  30
              "id": 3,
              "firstName": "Wile E.",
  32
              "lastName": "Coyote",
  33
  34
               "address": {
                  "id": 3,
  35
  36
                  "street": "2020 Acme Lane",
  37
                  "city": "Portage",
                  "state": "Michigan",
  38
                  "zip": "49002"
  39
  40
  41
              "level": "SILVER",
  42
              "orders": []
  43
          1.
  44
  45
              "id": 4,
  46
              "firstName": "Tasmanian",
              "lastName": "Devil",
  47
  48
              "address": {
  49
                  "id": 4,
                  "street": "1010 Circle DR.",
  50
  51
                  "city": "Kalamazoo",
                  "state": "Michigan",
  52
                  "zip": "49005"
  53
              "level": "SILVER",
  55
  56
              "orders": []
  57
      1
  58
```

(6) PUT (body/raw/JSON) http://localhost:8080/customer/2



(7) GET (body/raw/JSON) http://localhost:8080/customer/2

```
http://localhost:8080/customer/2
GET
         Cookies Headers (4) Test Results
   Body
     Pretty
               Raw
                       Preview
                                   Visualize
                                                JSON
       1
                "id": 2,
       2
       3
                "firstName": "Elmer",
                "lastName": "Fudd",
       4
                "address": {
       5
                    "id": 5,
       6
                    "street": "123 Hunters Rd.",
       7
       8
                    "city": "Battle Creek",
                   "state": "Michigan",
       9
                   "zip": "49015"
      10
      11
                "level": "GOLD",
      12
      13
                "orders": []
      14
```

(8) GET (body/raw/JSON) http://localhost:8080/customer/4

```
http://localhost:8080/customer/4
GET
         Cookies Headers (4) Test Results
   Body
     Pretty
               Raw
                       Preview
                                   Visualize
                                                JSON
       1
               "id": 4,
       2
       3
               "firstName": "Tasmanian",
                "lastName": "Devil",
       4
       5
                "address": {
       6
                    "id": 4,
       7
                    "street": "1010 Circle DR.",
                    "city": "Kalamazoo",
       8
       9
                    "state": "Michigan",
      10
                    "zip": "49005"
      11
                "level": "SILVER",
      12
      13
               "orders": []
      14
```

(9) DELETE (body/raw/JSON) http://localhost:8080/customer/4

(10) GET (body/raw/JSON) http://localhost:8080/customer/

```
GET
           http://localhost:8080/customer/
  Body Cookies Headers (4) Test Results
     Pretty
                    Preview
                                Visualize
                                           JSON V
      1
      2
                  "id": 1,
      3
                  "firstName": "Bugs",
      4
      5
                  "lastName": "Bunny",
                  "address": {
      6
      7
                     "id": 1,
                     "street": "1 wabbit hole lane",
      9
                     "city": "Kalamazoo",
                     "state": "Michigan",
     10
                   "zip": "49006"
     11
     12
                 3,
                  "level": "PLATINUM",
     13
                  "orders": []
     14
     15
     16
                  "id": 2,
     17
                 "firstName": "Elmer",
     19
                  "lastName": "Fudd",
                  "address": [
     20
     21
                      "id": 5,
                      "street": "123 Hunters Rd.",
     22
                      "city": "Battle Creek",
     23
                     "state": "Michigan",
     24
                      "zip": "49015"
     25
     26
                 3,
                  "level": "GOLD",
     27
                  "orders": []
              1,
     30
                  "id": 3,
     31
                  "firstName": "Wile E.",
     32
                  "lastName": "Coyote",
     33
                  "address": {
     34
                      "id": 3,
     35
                      "street": "2020 Acme Lane",
     36
                      "city": "Portage",
     37
                      "state": "Michigan",
     38
     39
                      "zip": "49002"
     40
                 3.
                  "level": "SILVER",
     41
     42
                  "orders": []
     43
     44
```

(11) POST (body/raw/JSON) http://localhost:8080/products



(12) // POST-Products-Anvils



(13) // POST-Products-Detonator



(14) // POST-Products-FemaleRoadRunnerCostume



(15) // POST-Products-BuckShot



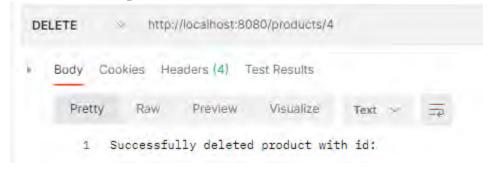
(16) // GET (body/raw/JSON) http://localhost:8080/products

```
v http://localhost:8080/products
Body Cookies Headers (4) Test Results
                                                                                                                                                        Status: 200 OK Time: 40 ms
  Pretty
            Raw Preview Visualize JSON V 5
        E
                  "name": "ACME Boomerang".
                  "description": "The ACME boomerangs are guaranteed to always return to Wile E. Coyote when he is not looking...",
                  "price": 24.99
                 "id": 2,
"name": "ACME Anvils",
    10
                  "description": "ACME Anvils are not limited to metalsmiths, they also can be dropped on road runner's heads",
    12
                 "price": 49.99
    14
    15
                 "id": 3,
"name": "ACME Detonator",
    16
17
18
                  "description": "ACME Detonators can be rigged to any explosive device",
                  "price": 9.99
    19
20
                 "id": 5,
"name": "ACME Buck Shot",
    21
    22
    23
                  "description": "ACME Buck Shot can be used in any situation where weapons are involved and is so tiny even spiders can use it to catch elusive insects.",
    25
    27
                  "description": "The ACME Female Road Runner Costume is used by cross dressing animal lovers everywhere",
    29
    31
```

(17) //PUT /products/1



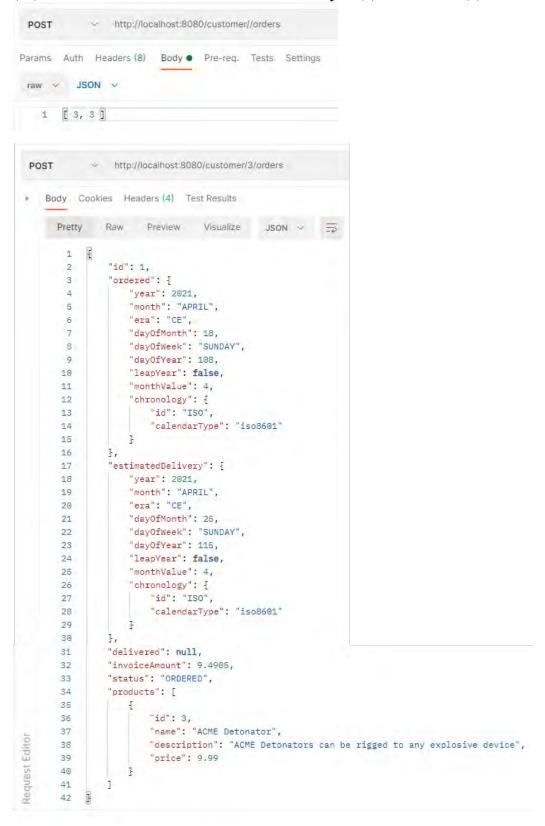
(18) // DELETE /products/4



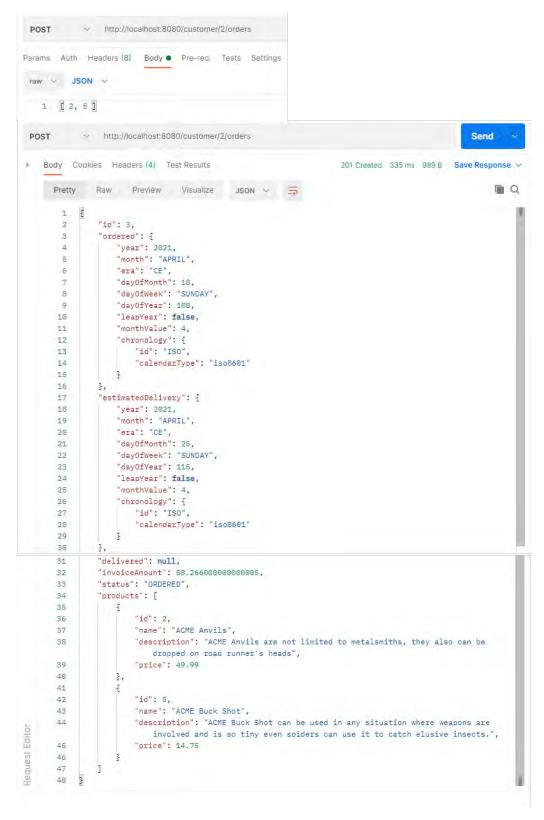
(18) // GET (body/raw/JSON) http://localhost:8080/products

```
http://localhost:8080/products/
Body Cookies Headers (4) Test Results
                                                                 (A) 200 OK 26 ms 784 B
                                                                                         Save Response V
  Pretty
                                                                                                  1 Q
                   Preview
                              Visualize
   1
   2
   3
                "id": 1,
                "name": "ACME Boomerang",
   4
                "description": "The ACME boomerangs are guaranteed to always return to Wile E. Coyote
   5
                   when he is not looking...",
               "price": 24.99
   6
   7
           3,
   8
               "id": 2,
   9
                "name": "ACME Anvils",
  10
                "description": "ACME Anvils are not limited to metalsmiths, they also can be dropped
  11
                   on road runner's heads",
               "price": 49.99
  12
  13
  14
               "id": 3,
  15
               "name": "ACME Detonator",
  16
               "description": "ACME Detonators can be rigged to any explosive device",
  17
                "price": 9.99
  18
  19
  20
               "id": 5,
  21
               "name": "ACME Buck Shot",
  22
                "description": "ACME Buck Shot can be used in any situation where weapons are
  23
                   involved and is so tiny even spiders can use it to catch elusive insects.",
               "price": 14.75
  24
  25
  26
```

(19) // POST /customers/3/orders -- Wile E. Coyote(3) - Detonator (3) -



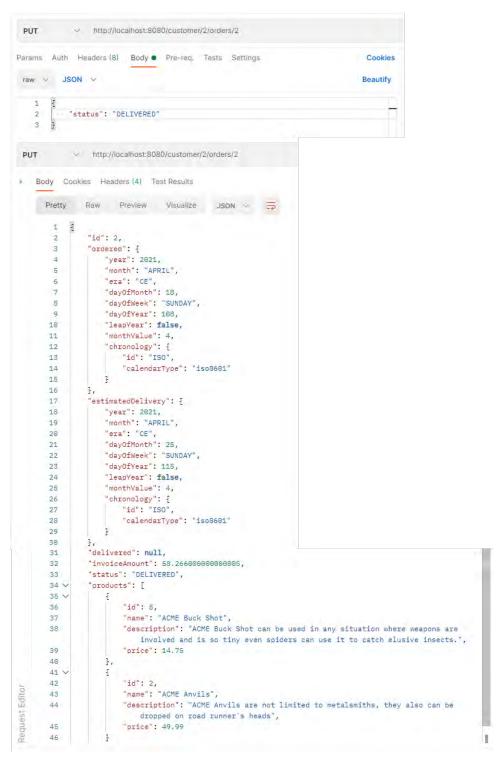
(20) POST /customer/2/orders – Elmer Fudd (2) – Anvils (5)



(21) // PUT /customer/2/orders/1_CANCELED

```
PUT
            http://localhost:8080/customer/2/orders/1.
Params Auth Headers (8) Body Pre-req. Tests Settings
                                                                             Cookies
         JSON V
                                                                            Beautify
 raw ~
   1
           "status": "CANCELED"
   2
   3
 PUT
            http://localhost:8080/customer/2/orders/1
   Body Cookies Headers (4) Test Results
      Pretty
              Raw Preview Visualize
                                           JSON >
               "id": 1,
       3
               "ordered": {
       4
                 "year": 2021,
                  "month": "APRIL",
       5
                  "era": "CE",
                  "dayOfMonth": 18,
                  "dayOfWeek": "SUNDAY",
       9
                  "dayOfYear": 108,
                  "leapYear": false,
                  "monthValue": 4,
                  "chronology": [
      13
                     "id": "ISO",
                     "calendarType": "iso8601"
             1,
               "estimatedDelivery": {
                  "year": 2021,
                  "month": "APRIL",
      19
                  "era": "CE",
                  "dayOfMonth": 25,
                  "dayOfWeek": "SUNDAY",
                  "dayOfYear": 115,
      23
      24
                  "leapYear": false,
                  "monthValue": 4,
                   "chronology": {
                      "id": "ISO",
                      "calendarType": "iso8601"
      29
      30
             3,
               "delivered": null,
      31
      32
               "invoiceAmount": 9.4905,
      33
               "status": "CANCELED",
      34
               "products": [
      35
                       "id": 3,
      36
                       "name": "ACME Detonator",
      37
      38
                       "description": "ACME Detonators can be rigged to any explosive device",
                      "price": 9.99
```

(22) // PUT /customers/2/orders/5_DELIVERED



URL to GitHub Repository: https://github.com/becje/Springboot_Coding_Assignments