Eric Tam 007989423 CS157B 03/20/2015

# CS157B

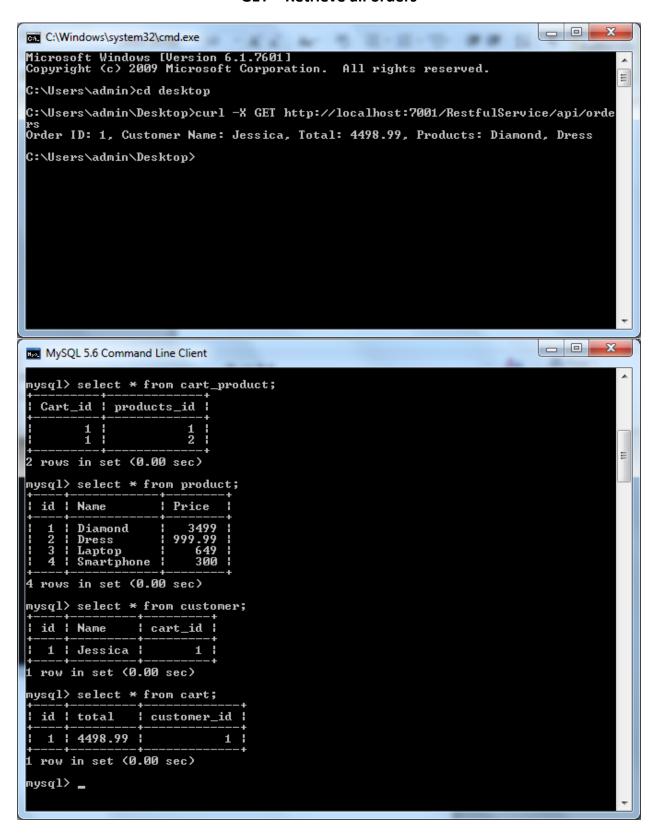
Assignment 2 with Hibernate

Hardcopy

### **INITIAL DATA**

```
- - X
MySQL 5.6 Command Line Client
Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.
mysql> use storedb;
Database changed
mysql> show tables;
  Tables_in_storedb |
 cart_product
  product
4 rows in set (0.00 sec)
mysql> select * from cart;
| id | total | customer_id |
 1 | 4498.99 |
                             1 !
1 row in set (0.00 sec)
mysql> select * from cart_product;
| Cart_id | products_id |
        1
1
                        1
2
2 rows in set (0.00 sec)
mysql> select * from product;
  id | Name
                    Price
   1
2
3
       Diamond
                      999.99
649
       Dress
       Laptop
   4 | Smartphone |
                         300
4 rows in set (0.00 sec)
mysql> select * from customer;
| id | Name
                | cart_id |
  1 | Jessica |
                         1 !
1 row in set (0.00 sec)
mysql>
```

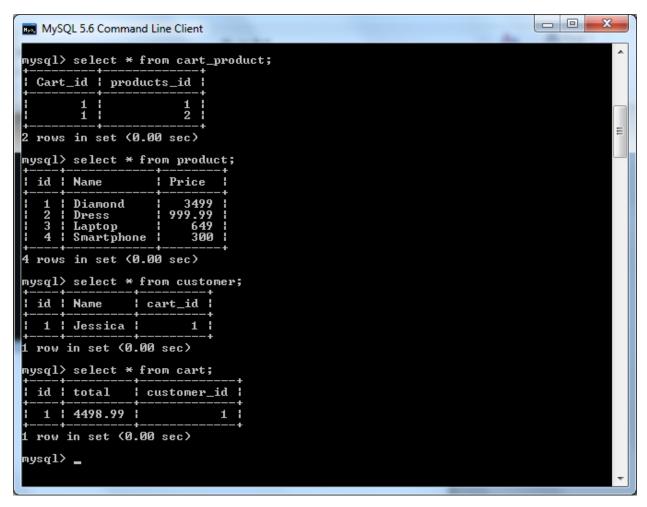
### **GET – Retrieve all orders**



# **GET – Retrieve Order by ID**

```
Microsoft Windows [Version 6.1.7601]
Copyright (c) 2009 Microsoft Corporation. All rights reserved.

C:\Users\admin\cd desktop
C:\Users\admin\Desktop\curl -X GET http://localhost:7001/RestfulService/api/orders
Order ID: 1, Customer Name: Jessica, Total: 4498.99, Products: Diamond, Dress
C:\Users\admin\Desktop\curl -X GET http://localhost:7001/RestfulService/api/orders/1
Order ID: 1, Customer Name: Jessica, Total: 4498.99, Products: Diamond, Dress
C:\Users\admin\Desktop\
C:\Users\admin\Desktop\
Diamond, Dress
```



# **GET – Retrieve all products**

```
Microsoft Windows [Version 6.1.7601]
Copyright (c) 2009 Microsoft Corporation. All rights reserved.

C:\Users\admin\cd desktop

C:\Users\admin\Desktop\curl -X GET http://localhost:7001/RestfulService/api/orders

Order ID: 1, Customer Name: Jessica, Total: 4498.99, Products: Diamond, Dress

C:\Users\admin\Desktop\curl -X GET http://localhost:7001/RestfulService/api/orders/1

Order ID: 1, Customer Name: Jessica, Total: 4498.99, Products: Diamond, Dress

C:\Users\admin\Desktop\curl -X GET http://localhost:7001/RestfulService/api/products

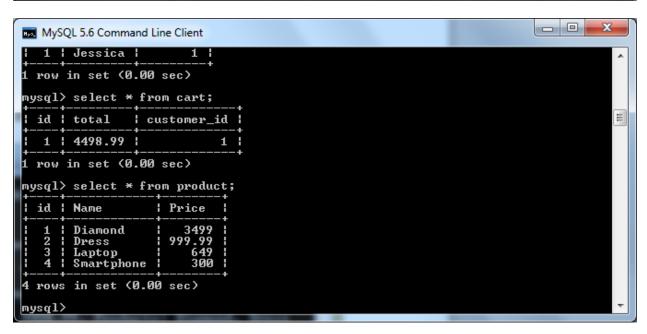
C:\Users\admin\Desktop\curl -X GET http://localhost:7001/RestfulService/api/products

Product ID: 1, Name: Diamond, Price: 3499.0

Product ID: 2, Name: Dress, Price: 999.99

Product ID: 3, Name: Laptop, Price: 649.0

Product ID: 4, Name: Smartphone, Price: 300.0
```



#### **GET – Retrieve all customers**

```
Microsoft Windows [Version 6.1.7601]
Copyright (c) 2009 Microsoft Corporation. All rights reserved.

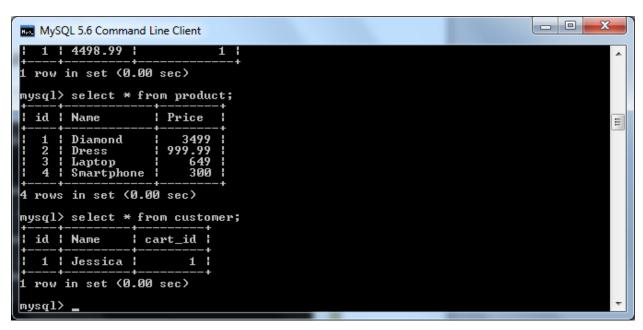
C:\Users\admin\cd desktop

C:\Users\admin\Desktop\curl -X GET http://localhost:7001/RestfulService/api/orde
rs
Order ID: 1, Customer Name: Jessica, Total: 4498.99, Products: Diamond, Dress

C:\Users\admin\Desktop\curl -X GET http://localhost:7001/RestfulService/api/orde
rs/1
Order ID: 1, Customer Name: Jessica, Total: 4498.99, Products: Diamond, Dress
C:\Users\admin\Desktop\curl -X GET http://localhost:7001/RestfulService/api/prod
ucts
Product ID: 1, Name: Diamond, Price: 3499.0
Product ID: 2, Name: Dress, Price: 999.99
Product ID: 3, Name: Laptop, Price: 649.0
Product ID: 4, Name: Smartphone, Price: 300.0

C:\Users\admin\Desktop\curl -X GET http://localhost:7001/RestfulService/api/cust
omers
Customer ID: 1, Name: Jessica, Order ID: 1

C:\Users\admin\Desktop\
```



#### POST – Add new customer

```
Product ID: 2, Name: Dress, Price: 999.99
Product ID: 3, Name: Laptop, Price: 649.0
Product ID: 4, Name: Smartphone, Price: 300.0

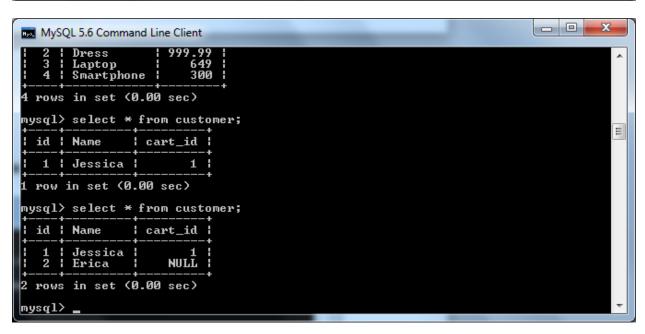
C:\Users\admin\Desktop\curl -\text{GET http://localhost:7001/RestfulService/api/cust omers}
Customer ID: 1, Name: Jessica, Order ID: 1

C:\Users\admin\Desktop\curl -\text{\text{\text{--data "name}=Erica" http://localhost:7001/Restful Service/api/customers}
curl: (6) Could not resolve host: name=Erica

C:\Users\admin\Desktop\curl -\text{\text{\text{--data 'name}=Erica' http://localhost:7001/Restful Service/api/customers}
curl: (6) Could not resolve host: 'name=Erica'

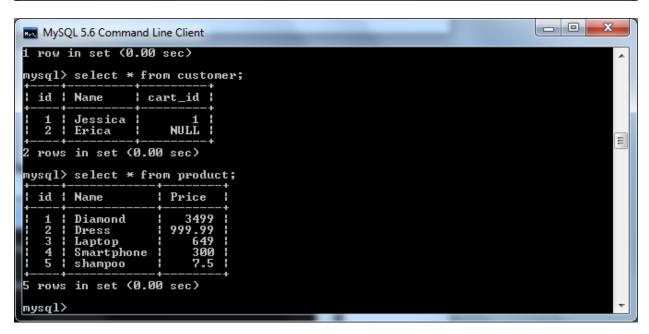
C:\Users\admin\Desktop\curl -\text{\text{--data 'name}=Erica' http://localhost:7001/RestfulService/api/customers}
Customer Added
C:\Users\admin\Desktop\curl -\text{\text{\text{\text{CET http://localhost:7001/RestfulService/api/customers}}}
Customer ID: 1, Name: Jessica, Order ID: 1
Customer ID: 2, Name: Erica, Order ID: null

C:\Users\admin\Desktop\_
```



# **POST – Add new product**

```
C:\Users\admin\Desktop\curl --data "name=Erica" http://localhost:7001/RestfulSer vice/api/customers
Customer Added
C:\Users\admin\Desktop\curl -X GET http://localhost:7001/RestfulService/api/cust ended
C:\Users\admin\Desktop\curl -X GET http://localhost:7001/RestfulService/api/cust ender ID: 1, Name: Jessica, Order ID: 1
Customer ID: 2, Name: Erica, Order ID: null
C:\Users\admin\Desktop\curl -X --data "name=shampoo&price=7.5" http://localhost:7001/RestfulService/api/products
curl: (6) Could not resolve host: name=shampoo&price=7.5" http://localhost:7001/RestfulService/api/products
Product Added
C:\Users\admin\Desktop\curl -X GET http://localhost:7001/RestfulService/api/products
Product ID: 1, Name: Diamond, Price: 3499.0
Product ID: 2, Name: Dress, Price: 999.99
Product ID: 3, Name: Laptop, Price: 649.0
Product ID: 4, Name: Smartphone, Price: 300.0
Product ID: 5, Name: shampoo, Price: 7.5
```



#### POST - Add new order

```
C:\Windows\system32\cmd.exe
C:\Users\admin\Desktop>curl -X --data "name=shampoo&price=7.5" http://localhost:
7001/RestfulService/api/products
curl: (6) Could not resolve host: name=shampoo&price=7.5
C:\Users\admin\Desktop>curl --data "name=shampoo&price=7.5" http://localhost:700
1/RestfulService/api/products
Product Added
C:\Users\admin\Desktop>curl -X GET http://localhost:7001/RestfulService/api/prod
ucts
Product ID: 1, Name: Diamond, Price: 3499.0
Product ID: 2, Name: Dress, Price: 999.99
Product ID: 3, Name: Laptop, Price: 649.0
Product ID: 4, Name: Smartphone, Price: 300.0
Product ID: 5, Name: shampoo, Price: 7.5
C:\Users\admin\Desktop>curl --data "products=3,4,5&customer=2" http://localhost:
7001/RestfulService/api/orders
Order added
C:\Users\admin\Desktop>curl -X GET http://localhost:7001/RestfulService/api/orde
Order ID: 1, Customer Name: Jessica, Total: 4498.99, Products: Diamond, Dress
Order ID: 2, Customer Name: Erica, Total: 956.5, Products: Laptop, Smartphone, s
hampoo
C:\Users\admin\Desktop}_
                                                                                            _ _ _ X
MySQL 5.6 Command Line Client
mysql> select * from customer;
  iа
       ! Name
                    | cart_id
         Jessica
                              1
2
    2
         Erica
  rows in set (0.00 sec)
mysql> select * from product;
   id | Name
                        ! Price
         Diamond
                          999.99
649
         Dress
         Laptop
Smartphone
                              7.5
         shampoo
  rows in set (0.00 sec)
mysql> select * from cart_product;
  Cart_id | products_id
          1
                             1
2
3
          1
2
2
2
                             4
5
  rows in set (0.00 sec)
mysql> select * from cart;
  id
      | total
                    | customer_id
         4498.99
956.5
    1
2
                                   1
2
  rows in set (0.00 sec)
2
mysql> _
```

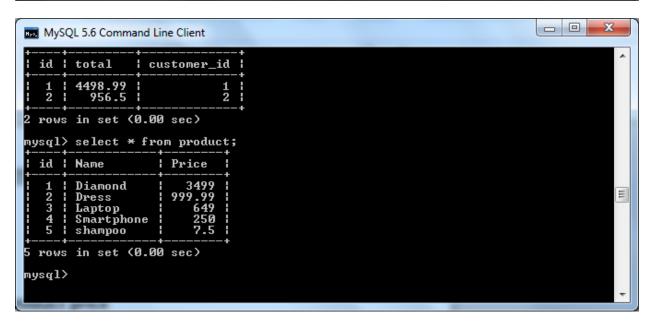
# **PUT – Update product price**

```
Product ID: 3. Name: Laptop, Price: 649.0
Product ID: 4. Name: Smartphone, Price: 300.0
Product ID: 5. Name: shampoo, Price: 7.5

C:\Users\admin\Desktop\curl --data "products=3,4,5&customer=2" http://localhost: 7001/RestfulService/api/orders
Order added
C:\Users\admin\Desktop\curl --X GET http://localhost:7001/RestfulService/api/orders
Order ID: 1, Customer Name: Jessica, Total: 4498.99, Products: Diamond, Dress
Order ID: 2, Customer Name: Erica, Total: 956.5, Products: Laptop, Smartphone, shampoo

C:\Users\admin\Desktop\curl --X PUT http://localhost:7001/RestfulService/api/products/4/250
Product Updated
C:\Users\admin\Desktop\curl --X GET http://localhost:7001/RestfulService/api/products
Ucts
Product ID: 1, Name: Diamond, Price: 3499.0
Product ID: 2, Name: Dress, Price: 999.99
Product ID: 3, Name: Laptop, Price: 649.0
Product ID: 4, Name: Smartphone, Price: 250.0
Product ID: 5, Name: shampoo, Price: 7.5

C:\Users\admin\Desktop\
```



#### **DELETE – Delete order with ID**

```
C:\Windows\system32\cmd.exe

rs
Order ID: 1. Customer Name: Jessica, Total: 4498.99, Products: Diamond, Dress
Order ID: 2. Customer Name: Erica, Total: 956.5, Products: Laptop, Smartphone, s
hampoo

C:\Users\admin\Desktop\curl -X PUT http://localhost:7001/RestfulService/api/prod
ucts/4/250
Product Updated
C:\Users\admin\Desktop\curl -X GET http://localhost:7001/RestfulService/api/prod
ucts
Product ID: 1, Name: Diamond, Price: 3499.0
Product ID: 2, Name: Dress, Price: 999.99
Product ID: 3, Name: Laptop, Price: 649.0
Product ID: 4, Name: Smartphone, Price: 250.0
Product ID: 5, Name: shampoo, Price: 7.5

C:\Users\admin\Desktop\curl -X DELETE http://localhost:7001/RestfulService/api/order rs
C:\Users\admin\Desktop\curl -X GET http://localhost:7001/RestfulService/api/order
ps
Order ID: 2, Customer Name: Erica, Total: 956.5, Products: Laptop, Smartphone, s
hampoo

C:\Users\admin\Desktop\_
```

