MET CS 751 – Web Services
Homework 3

Develop the REST based OrderService that handles the purchase orders. The service should handle the following operations:

- getOrders() – returns an array of String URLs with the order ids.
- getOrder(String id) – returns the Order object for the given id.
- addOrder(Order) - returns the String URL with the new order id.
- updateOrder(String id, Item item) - returns the String URL with the order id.
- deleteOrder(String id) – deletes the specified order (a void method)

Also, define the following entity classes to be used with the service.

- BillTo (name, street, city, state, zip, phone – type string)
- Item (BigInteger quantity, double price, String productName)
    - The productName is assumed to be unique. The method to update the order updates the given item for the product with the new quantity and price.
- Order
    - billTo (of type BillTo)
    - items (an array of Item type)
    - orderId (BigInteger)

Write the client to test the above functionality.

Submission:
> Zip your project and upload to the Assignments section before the due date.