

**Assignment 6 (40 points)**  
**Due Date: Monday, February 24<sup>th</sup>, 11:59 PM**

**Objectives**

This assignment focuses on the use of the INSERT statement, UPDATE statement, and DELETE statement.

This assignment uses the tables associated with the *bookstore* database. To test whether a table has been modified correctly as you do these queries, you can write and run an appropriate SELECT statement.

Write SQL statements to perform the following queries:

**Query 1:** Write an INSERT statement that adds this row to the category table:

category_id:	81
category_name:	Musical Instruments

**Query 2:** Modify the row you just added to the CATEGORY table. This statement should change the category\_name column to “Cameras and Camcorders”, and it should use the category\_id column to identify the row.

**Query 3:** Write an INSERT statement that adds this row to the product table:

product_id:	17234
category_id:	81
product_code:	Camera640
product_name:	Canon
description:	Canon EOS Rebel T5 DSLR Camera
list_price:	799.99
discount_percent:	0
date_added:	2017-04-30 13:14:15
vendor_id :	2

Use a column list for this statement.

**Query 4:** Modify the product you added in query 3. This statement should change the discount\_percent column from 0% to 20%.

**Query 5:** Delete the row that you added to the category table in query #1. When you execute this statement, it will produce an error since the category has related rows in the product table.

To fix that, precede the DELETE statement with another DELETE statement that deletes all products in this category.

**Query 6:** Modify the card\_type on order 9 to 'American Express'.

**Query 7:** Delete order ID 5. You need to address both the master order record and the related detail records.

**Query 8:** Write an SQL statement to modify all the employee with a salary of 6000 to 6500.

**Query 9:** Write an INSERT statement that adds this row to the customer table:

Customer_id:	99999
email_address:	rick@raven.com
password:	(empty string)
first_name:	Rick
last_name:	Raven

Use a column list for this statement.

**Query 10:** Write an SQL statement that modifies the customer table. Change the password column to “secret” for the customer with an email address of rick@raven.com.

**Query 11:** Write an SQL statement that modifies the customer table. Change the password column to “reset” for every customer in the table.

**Submission Instructions:**

- For each of the queries above, submit the query and the result from running the query.
- You will need to label your assignment with your first initial, last name, and the name of the assignment.  
**Example:** hibrahim\_assignment6.sql and hibrahim\_assignment6.txt
- Zip the files to upload to Canvas. **Example:** hibrahim\_assignment6.zip
- Submit the zipped file containing the script and output TXT via Canvas.
- Remember to include the query number as a comment at each step.
- Read your output TXT file before you submit it.