Assignment 7 (40 points)

Due Date: Wednesday, March 9, 2016 11:55 PM

Objectives:

This assignment focuses on the use of the INSERT statement, UPDATE statement, DELETE statement, and Set operators.
This assignment uses the tables associated with the *bookstore* database. To test whether a table has been modified correctly as you do these exercises, 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:	71
category_name:	Video Game

Query 2: Modify the row you just added to the Category table. This statement should change the categoty_name column to "Camera", 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:	71
product_code:	Camera640
product_name:	Canon
description:	Canon EOS Rebel T5 DSLR Camera
list_price:	755.99
discount_percent:	0
date_added:	2015-04-30 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 30%.

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 salary of 6000 to 6500.

Query 10: 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 11: Write an UPDATE statement that modifies the Customer table. Change the password column to "secret" for the customer with an email address of rick@raven.com.

Query 12: Write an UPDATE statement that modifies the Customer table. Change the password column to "reset" for every customer in the table.

Query 13: Use the UNION operator to generate a result set consisting of three columns from the orders table:
A calculated column that contains a value of SHIPPED or NOT SHIPPED.
The order_id column
The order_date column

If the order has a value in the ship_date column, the ship_status column should contain a value of SHIPPED. Otherwise, it should contain a value of NOT SHIPPED.

Sort the final result set by order_date.

Submission

- You will need to label your assignment with your first initial, last name, and the name of the assignment.
- Zip the files to upload to Insight (yourname_assignment7.zip).
- Submit the zipped file containing the script and output TXT via Insight.
- Remember to include the query number as a comment at each step.
- Read your output TXT file before you turn it in.