Assignment Chapter 5

3 points for questions 1, 2, 3, 4, 5, 6, 7, 8.

Zero points for question 9.

1 point for completing all questions.

Total 25 points.

1. Write an INSERT statement that adds this row to the Categories table:

category\_name: Brass

Code the INSERT statement so MySQL automatically generates the category\_id column.

1. Write an UPDATE statement that modifies the row you just added to the Categories table. This statement should change the category\_name column to “Woodwinds”, and it should use the category\_id column to identify the row.
2. Write a DELETE statement that deletes the row you added to the Categories table in exercise 1. This statement should use the category\_id column to identify the row.
3. Write an INSERT statement that adds this row to the Products table:

product\_id: The next automatically generated ID   
category\_id: 4  
product\_code: dgx\_640  
product\_name: Yamaha DGX 640 88-Key Digital Piano  
description: Long description to come.  
list\_price: 799.99  
discount\_percent: 0  
date\_added: Today’s date/time.

Use a column list for this statement.

1. Write an UPDATE statement that modifies the product you added in exercise 4. This statement should change the discount\_percent column from 0% to 35%.
2. Write an INSERT statement that adds this row to the Customers table:

email\_address: rick@raven.com  
password: (empty string)  
first\_name: Rick  
last\_name: Raven

Use a column list for this statement.

1. Write an UPDATE statement that modifies the Customers table. Change the password column to “secret” for the customer with an email address of rick@raven.com.
2. Write an UPDATE statement that modifies the Customers table. Change the password column to “reset” for every customer in the table. If you get an error due to safe-update mode, you can add a LIMIT clause to update the first 100 rows of the table. (This should update all rows in the table.)
3. Open the script named create\_my\_guitar\_shop.sql that’s in Module 1. Then, run this script. That should restore the data that’s in the database.