**CCGC 5004 Databases**

**Assignment 2**

**You are to use MySQL Workbench to perform the requested operations based on tables. I need to see your SQL command followed immediately by the result. You are to use comments to record your name, the assignment number, and the question number for all questions. No exceptions will be accepted your list file is to show all the required details as stated. Do not wait till the last minute to start this one, this one will raise the stress level and can cause baldness and gray hair not to mention sleepless nights. The questions will refer to DML commands, SELECT statements with GROUP BY clauses, and subqueries.**

**The script that created the tables for the assignment is in Blackboard Week 4 and is the JLDB\_BUILD\_MYSQL.sql script. It will create the tables and populate the tables with the necessary rows to perform the queries.**

**Question 1**

**Add a new row to the JL\_ORDERS table with the following data: Order# = 1021, Customer# = 1009, and Order Date = July 20, 2009.**

**Question 2**

**Modify the zip code on order number 1017 to 33222.**

**Question 3**

**Add a new row to the JL\_ORDERS table with the following data: Order# = 1022, Customer# = 2000, and the Order Date = August 6, 2009. Describe what error is raised and what caused the error. Use comments in your spool file to describe what happened. Give the error code, description, and the cause of the error in your own words.**

**Question 4**

**Using a START TRANSACTION to delete order# 1005. You will need to address both the master order record and the related detail records.**

**After the deletion has taken place execute the command to undo the changes that were done.**

**Question 5**

**Determine how many books are in the Cooking Category.**

**Question 6**

**Display the number of books that have a retail price of more than $30.00.**

**Question 7**

**Determine the average retail price of books by publisher name, and category. Include only the categories of Children and Computer. Include only the groups that have an average retail price greater than $50.00.**

**Question 8**

**Determine how many orders have been placed by each customer in the CUSTOMERS table. Do not include in the results any customer who has not recently placed an order with Just Lee Books. In other words, display only the customers who have made purchases.**

**Question 9**

**List the book title and retail price for all books with a retail price lower than the average retail price of all the books sold by Just Lee Books.**

**Question 10**

**Determine which orders were shipped to the same state as order 1014.**

**Question 11**

**List the title of all books in the same category as books previously purchased by customer 1007. Do not include books this customer has already purchased.**

**Question 12**

**Determine the number of customers who have placed an order for books written or cowritten by James Austin.**