**Week 7, Intro to SQL. -**   
  
Things to do this week:

* Reading Quiz 7.
* Read the lecture notes - Intro to SQL.
* Read chapter 18 in the text.
* Complete Reading Quiz 7.
* Lab 7
* Download and unzip the starting files - Intro to MySQL.
* Read the description of Lab 7.
* Solve each of the problems as described in the lab.
* Participate in the forum - Lab 7 Questions as necessary.
* Submit lab 7.

**Lab 7 Instructions –**

The objective of this lab is to familiarize you with simple SQL data manipulation statements.  This information is contained in chapter 18 of your text and the lecture notes from class this week.

Complete the programming problems described below.  For each of the problems, use the my\_guitar\_shop2 database created from the script in the starting files.

* Complete Exercise 18 - 1 on pages 611 and 612 of the text.  Specifically, write a sql statement for problems 7 and 8 and 10 and 12.  Add each sql statement to a text file.
* Write a SQL statement for each of the exercises 1- 16 below.  Add each sql statement to the text file you created in completing exercise 18 - 1.

In class section students should:

* Submit the text file that contains your sql statements in moodle.
* Slide instructions –

In addition to some exercises out of the book. I’d like you to write some sql select statements on your own

1. ~~Get me a list of all of the products~~
2. ~~Get me a list of all of the products in category 1~~
3. ~~Get me a list of all of the products in category 1, sorted from most to least expensive~~
4. ~~Get me a list of all of the orders that are being shipped to an address that is different than the billing address, sorted by order id~~
5. ~~Get me a list of the of the items ordered on orders 1 and 3, sorted by the order and then the product~~
6. ~~Add the CategoryName to #3.~~
7. ~~Add the billing address to #4.~~
8. ~~Add the shipping address to #7~~
9. Add the product information to # 5.
10. Add the order information to # 9.
11. Add the customer information to # 10.
12. ~~How many orders have been placed?~~
13. ~~How many items products where ordered on each order?~~
14. ~~What's the total value of the products ordered on each order?~~
15. How many products are we offering at a 30% discount?
16. How many orders have been placed by each customer?