**Week 1 Homework**

The following practice may need to be completed using the databases hosted on wmc3317-2 using WB. Use WB whether you are running queries or creating a relational schema (a data model, essentially). Submit homework as a SQL script file. All I will do to check the answers is copy+paste it into my workbench and execute the code. You could even write essay answers in an MS Word file or the SQL script itself – or in a separate MS Word/PDF file.

1. **Database: ‘bigpvfc’. Copy/paste your SQL queries below after testing that they work.**
2. Examine the schema for employee\_t. What are the problems with that schema?
3. Using three separate queries find the number of orders placed by customers with id = 2, 3 & 4. (use tables: order\_t)
4. Find all customers who have “furniture” as a part of their name.
5. Find customers for which there is no postal code recorded.
6. **Database: ‘sakila’. Copy/paste your SQL queries below after testing that they work.**
7. List the unique types of ratings given to films? (use table ‘film’)
8. Find the first and last rental dates in the table ‘rental’.
9. What is the average amount in a rental transaction? Use the Payment table.
10. **Converting a spreadsheet to INSERT statements**
11. Follow the instructions at <http://www.richardtwatson.com/dm6e/Reader/labs/insert.html> . You only need to upload the Excel file you generate for the **shr** table.
12. Use the LOAD DATA INFILE (look on the Internet) command to accomplish the same outcome – that is, loading an external (.txt format) dataset into a MySQL table.

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