**Week 2 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. To mark the answers I will copy+paste the SQL script into my WB 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 answers to the queries below after testing that they work.**
2. List each customer name, address and the number of orders each has placed. (use tables: customer\_t, order\_t)

use bigpvfc;

select CustomerName, CustomerAddress, count(OrderID) as NumofOrders

from customer\_t c, order\_t o

where c.CustomerID = o.CustomerID

group by CustomerName;

1. List only name and address of customers who have placed more than two orders.

use bigpvfc;

select CustomerName, CustomerAddress, count(OrderID) as NumofOrders

from customer\_t c, order\_t o

where c.CustomerID = o.CustomerID

group by CustomerName

having NumofOrders > 2;

1. List the running total of the number of total number of orders placed till date as they come in (use table: order\_t).

use bigpvfc;

select OrderDate,

(select count(OrderID) from order\_t t2

where t2.OrderDate <= t1.OrderDate) as RunningTotal

from order\_t t1

group by OrderDate;

1. **Database: ‘sakila’. Copy/paste your answers to the queries below after testing that they work.**

While an employee at Sakila, you have been asked to integrate the ‘film’ table with an additional database of movies from <http://www.hometheaterinfo.com/dvdlist.htm>. The reason is that Sakila may expect a large shipment of additional movies and may add it to their catalog. Import the entire film file from the above URL (.csv format), store it as a separate table in your database. Then select a set of movies from the imported list based on an appropriate criteria and update the ‘film’ table with the additional movies. This is an open-ended question. The entire procedure should be saved as an SQL script – so that you can always re-use it in the future.

This is messy. Do what you can. Write what you did and what you found. And make reasonable assumptions.