# Assignment 3 –Advanced SELECT

Using the sample database (dvdrental) as the source of information provide:

Always order the set of results in alphabetical order if you have a “name” field (title, name of a category, name and last name for clients) or by ID if you do not have such fields.

1 Count the number of customers whose surname starts with each letter of the alphabet

2 Return a count of rentals for each month of year 2005

3 Provide a list of all the rentals (title of the movie, date of the rental) for the customers whose first name is John (output also the name of the customers)

4 Calculate the maximum, minimum, and average of the rental rates for all the movies

5 Return all the addresses stored in the database completed with the name of the city and the name of the country

6 Return the number of movies present in each category

7 Return a list of all the different first 3 numbers of a zipcode (something that can be used to determine the number of different cities, do not worry about the fact that they are in different countries)

8 Find the total revenue (the sum of all the rentals) for each store (characterized by store\_id)

9 Return a list of all the customers that performed more than 40 rentals

10 Provide the titles of all the movies rented by Nicholas Barfield.

The statements should execute without the need of extra operations, if you need extra steps please document them.

Submit the files to the assignment on MUOnline in a compressed (.zip) format. Include all the required files. The submission should follow the naming convention:

CIT466\_*LastName\_FirstInitial\_*A3.zip