

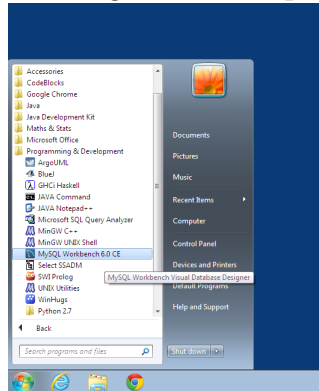
CA218

Lab 1

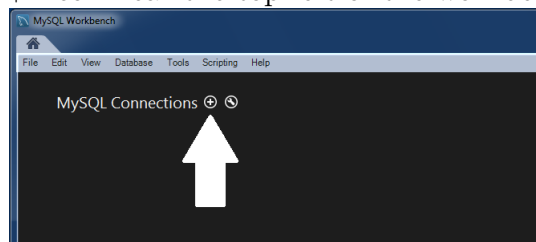
Introduction to MySQL Workbench

February 25th

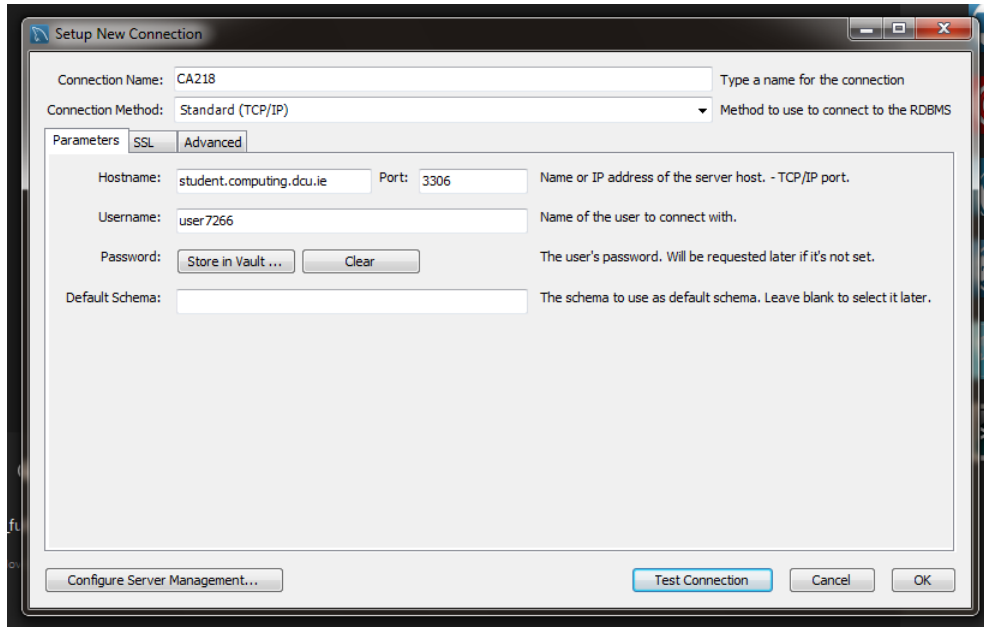
1: Log in to Windows 7 with your usual log in details and in the Start menu find the MySQL Workbench in the Programming and Development folder



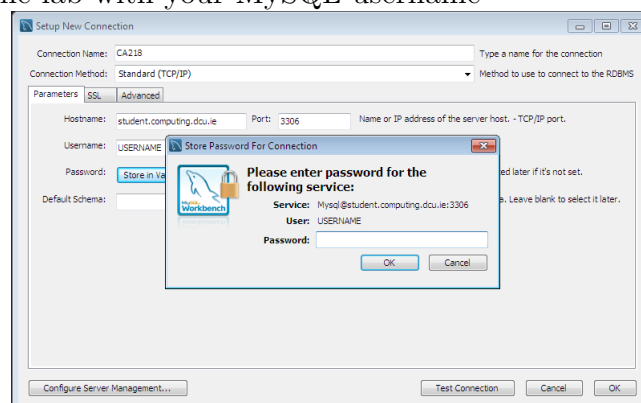
2: Once the workbench is open, we then need to create a connection to your database. To do this click on the '+' icon near the top left of the workbench.



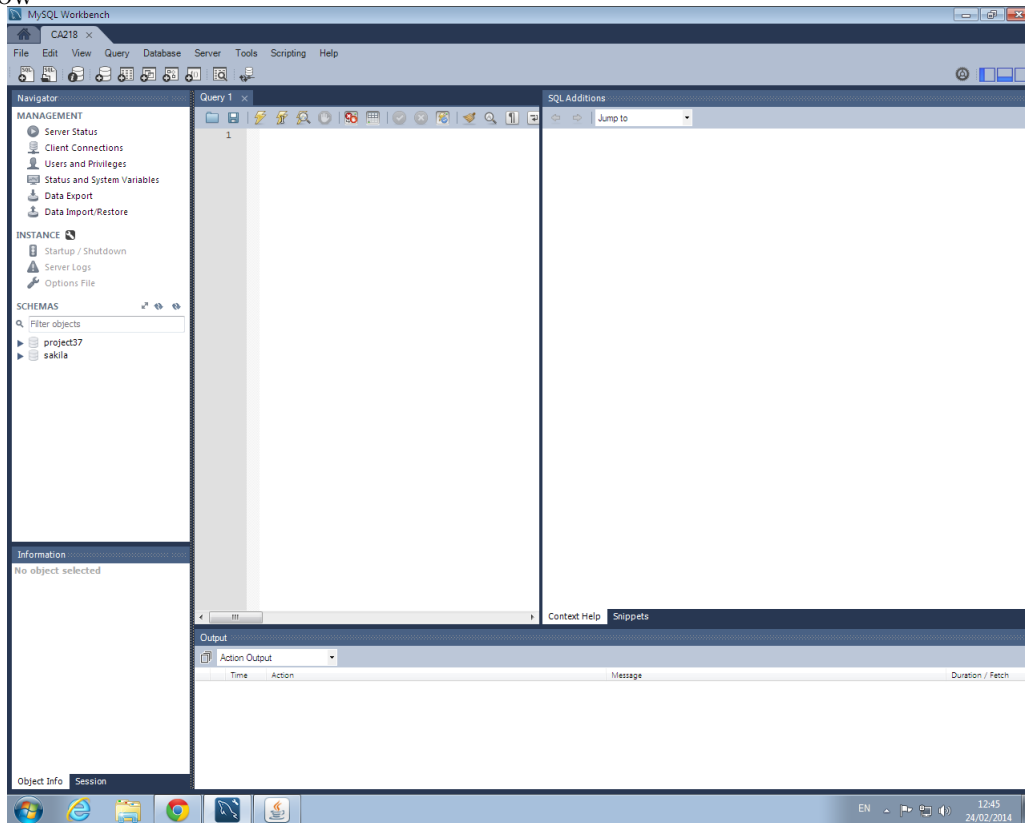
3: This will open a window to create the connection. Name the connection CA218. The hostname is `student.computing.dcu.ie`, the port is 3306. Then enter the username you received before the lab and then click 'OK'



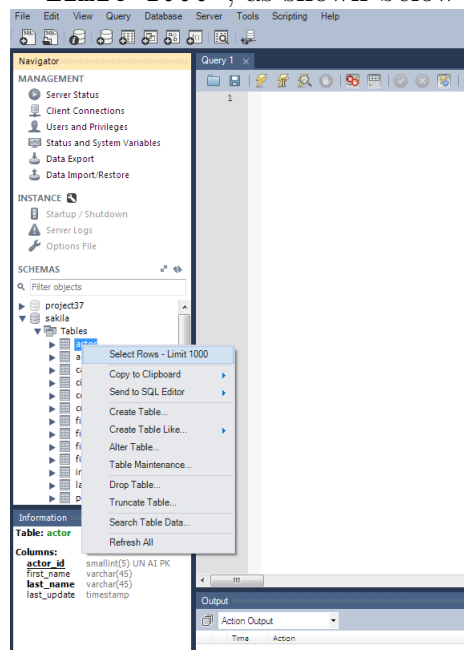
4: MySQL Workbench will then request your password. This password is the one received in an email before the lab with your MySQL username



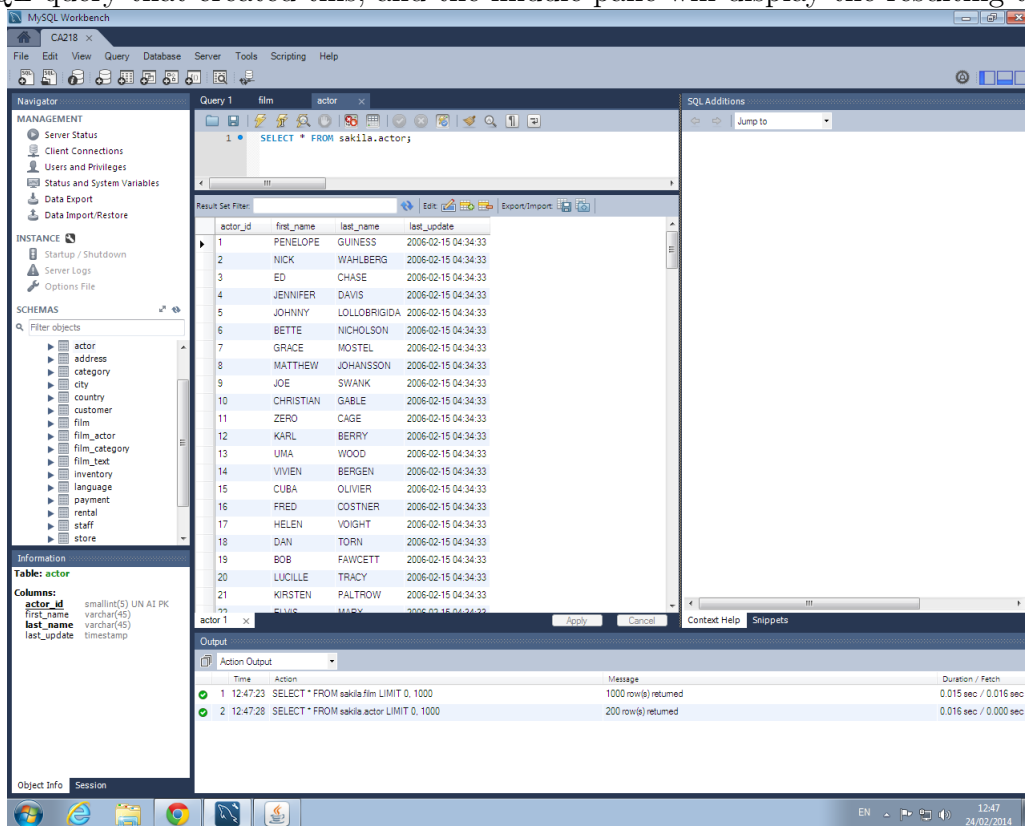
5: Once logged in successfully, your CA218 Workbench will open and should look similar to below



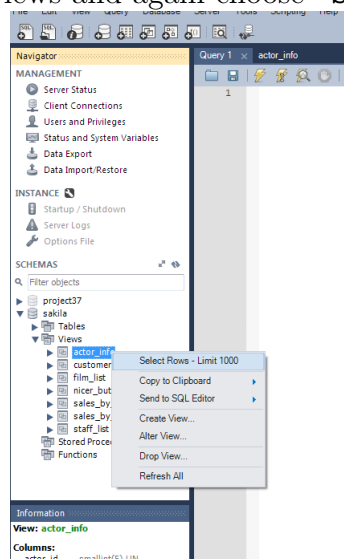
6: In the navigator on the left, there should be a list of schemas. The first is your own personal database and the second is an example database called **sakila**. to view the data in **sakila**, expand the schema, then the Tables. Then right-click on one of the tables and choose 'Select Rows - Limit 1000', as shown below



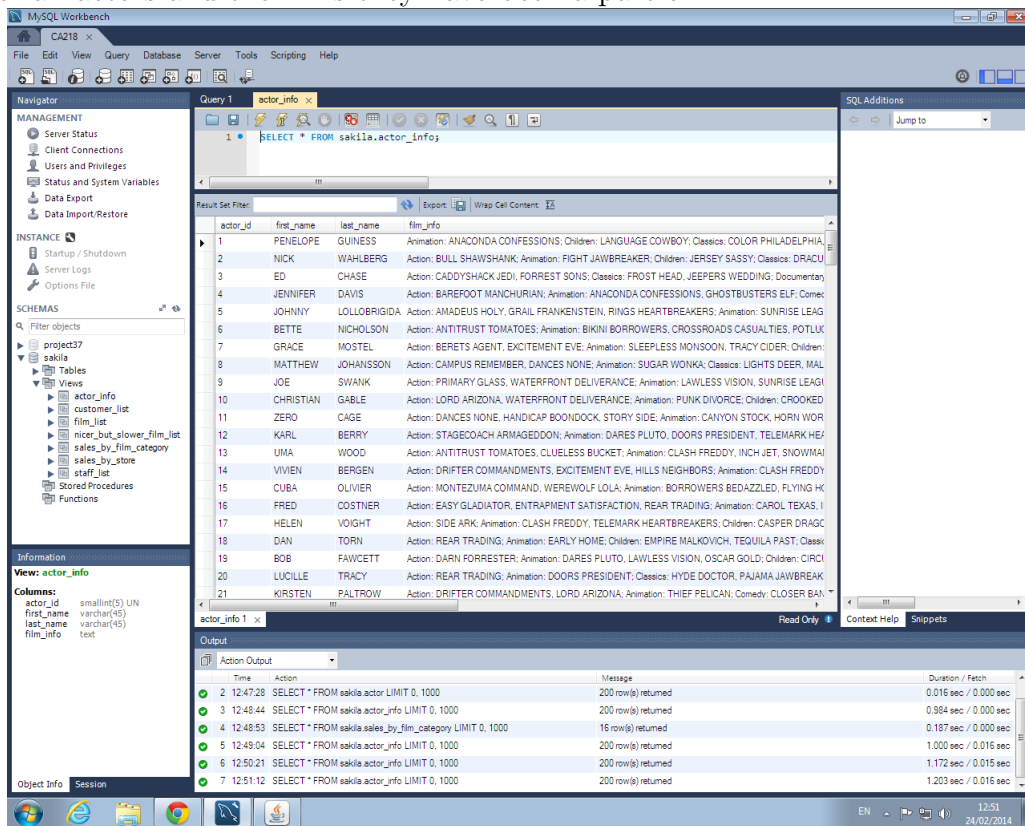
7: This will display the first 1000 entries of the table. In the upper pane, you will see the SQL query that created this, and the middle pane will display the resulting table



8: To see a saved View of the Sakila database: on the navigator pane, expand 'Views'. Now right-click on one of the views and again choose 'Select Rows - Limit 1000'



9: This will open a view of the database previously saved that has merged some of the values of other tables to create a new table. For instance the `actor_info` view displays a list of all actors and the films they have been a part of



10: Your personal Database is above the `sakila` database in the navigator. If you click on it, you will notice it is completely empty. over the course of these labs you will use this to create, remove and edit your own tables.

