

CA119 & CA218 Databases

Lab 01 (Week 2, Oct 4th)

Section 1: Load MySQL Workbench

Step1: Login into Windows 7 with your usual log in details. In the Start menu find MySQL Workbench Programme.

Step 2: Once the workbench is open, we need create a connection to connect the database. Click on the '+' icon after the MySQL Connections.

Step 3: Create the connection. Name the connection, for example 'CA218'. The hostname is: student.computing.dcu.ie, the port is 3306. Enter the username/password you received before the lab (click Store in Vault... to enter the password).

Open MySql workbench. A database can have many schemas and we have 3 loaded for labs and the lab exam.

Section 2: Query Practice

Be sure to set **Sakila** as default schema. Right-click on **Sakila** and choose: "Set as Default Schema".

Type in the following queries and observe their behaviour. Write down what happens after each query. In some cases, you will be asked questions.

Q1.

```
SELECT * FROM sakila.actor where first_name = "michael";
```

Q2.

Set **world** as default schema.

```
SELECT * FROM city where country_id = 15;
```

Q3.

```
SELECT city, city_id FROM city where country_id = 15;
```

Q4.

Set **classicmodels** as default schema.

```
SELECT productName, quantityInStock FROM products where productLine="Motorcycles";
```

In Q1 to Q4:

What does Select * do?

What does the usage of WHERE do?