ID605 W1L2 Introduction to MariaDB

This is taken pretty much straight from the MySQL reference document’s tutorial [http://dev.MySQL.com/doc/refman/5.1/en/tutorial.html](http://dev.mysql.com/doc/refman/5.1/en/tutorial.html) and adjusted for our environment.

Please try these examples yourself and fill in the blanks where indicated with this icon

We are using MariaDB a fork of MySQL which uses the same syntax and connection string.

# Getting Connected

This is a two step authentication. First you will be asked to authenticate on Mariadb our Ubuntu server. Then you will need to connect to Maria the Database server.

1. Open Putty and log on to mariadb.ict.op.ac.nz, port 46815 using ssh. Maria is a Linux server hosted on Azure
   1. Use your username (all lowercase) and your studentID.
   2. You will be asked to change your password, enter you current password (studentID) then your new password.
   3. The Putty window will exit, this is expected behaviour.
   4. Reopen Putty and reconnect using your new password.
   5. Your account on Maria is not synchronised with your normal account. If you can’t log in then let me know.
2. To connect interact with MariaDB, type the following command

mysql -u username -p

Enter password:\*\*\*\*\*\*\*\*\*\*\*

Replace “username” with your username, your password is your student ID

Can you work out how to change your password?? Hint: the hostname is localhost

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The MariaDB [(none)]> prompt tells you that MariaDB is ready for you to enter commands. The (none) part indicates that you don’t currently have a database selected.

1. After you have connected successfully, you can disconnect any time by typing QUIT (**or \q**) at the prompt:

MariaDB [(none)]> QUIT

Bye