

Access MySQL Database

1. Login to your MySQL account

1. For windows user, login to the **mercury.swin.edu.au** server using the 'PuTTY' client, with your SIMS user name and password.
For Mac user, login to the mercury.swin.edu.au server using Mac Terminal
ssh s1234567@mercury.swin.edu.au (replace 1234567 with your id)
with your SIMS user name and password.
2. To access your mysql account type in:
mysql *(press Enter key)*

The configuration file on **mercury.swin.edu.au** ensures that you are prompted for a password and to connect to your mysql account on the **feenix-mariadb.swin.edu.au** server.

For most users, your **mysql username** will be the same as your **mercury username** and your **mysql password** will have been set initially to your date of birth in **ddmmyy** format.
Press 'Enter' key after typing in your password.

Your mysql password is not connected to your SIMS password.

It is recommended that you change your mysql password and **do not use** the same password for your mysql account, as for other accounts, as later you will need to use your mysql password within PHP scripts. (See "How to change your mysql password" on the next page.).

3. You will arrive at the 'MySQL Monitor' or mysql command line client:
MariaDB> ...
4. On our mysql server, a database has already been created for you to use in labs and assignments, named as **username_db** where **username** is **s<7 or 10 digit Swinburne id>**, for example, s1234567 and **s1234567_db**.
Access your database as follows:
MariaDB> USE **username_db**;
You will receive a confirmation message "Database changed".
You can run sql scripts from the command line.
5. The MariaDB SQL manual can be found here:
<https://mariadb.com/kb/en/mariadb/sql-structure-and-commands/> ... or see other simpler guides 😊

How to change your MySQL password:

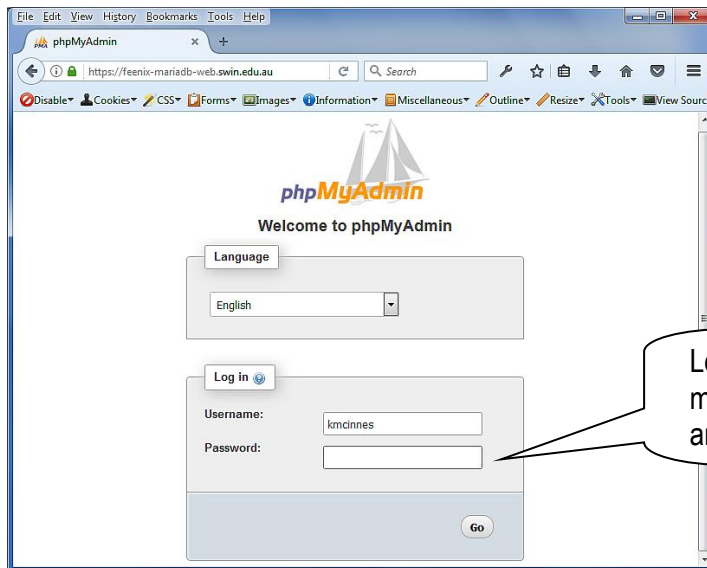
```
MariaDB> SET password=PASSWORD('newpwd');
```

Where **newpwd** represents the new password you would like to use.

Remember that in Labs and in Assignments, you will have to **include (encode)** your database **password** in **all** PHP files that will access the database.
So **do not use** your SIMS or your mercury password, as your mysql password.

2. Using phpMyAdmin

Instead of using the 'MySQL Monitor' command line interface, you may find it easier to use the MySQL web interface called **phpMyAdmin** which is available at <https://feenix-mariadb-web.swin.edu.au/>



From here you can manage the settings for phpMyAdmin and your database, and create, modify and delete tables and records.

