MySQL

ECE:3330 – Introduction to Software Design
Project weekend MySQL help
(pictures on next page)

General:

CHANGE YOUR DATABASE PASSWORD IMMEDIATELY!

MySQL databases are hosted on a campus subnet and will only be accessible through eduroam or VPN

Webserver:

https://s-l112.engr.uiowa.edu/phpMyAdmin/index.php

username: (replace XX with your assigned number)
engr_class0XX

password: (append "-xyz" to your username for default password)
engr_class0XX-xyz

Command Line:

Example:
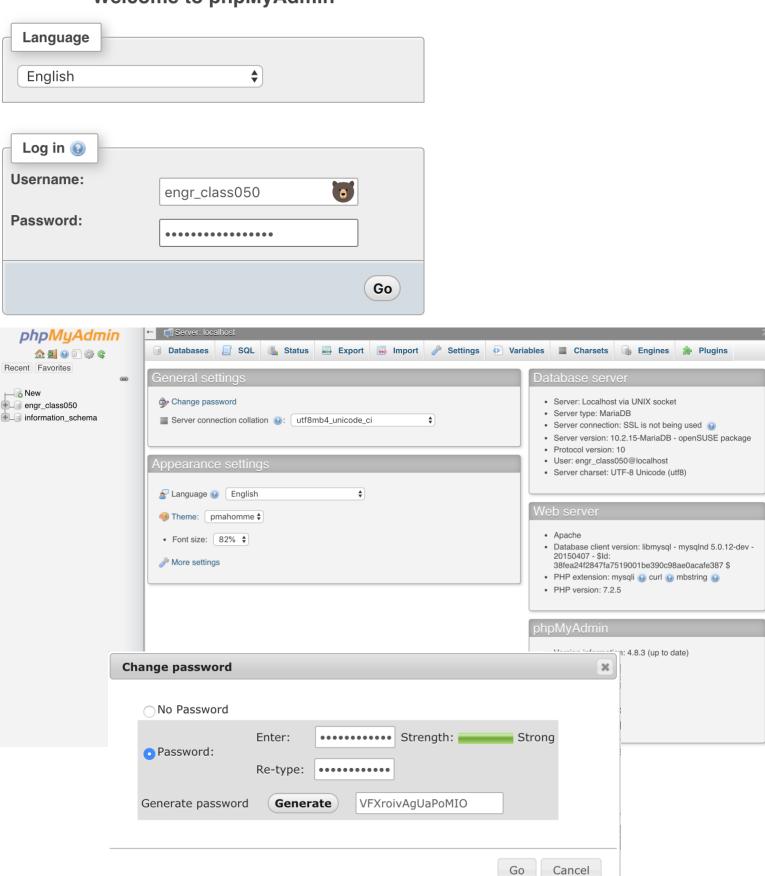mysql -u engr_class0XX -h s-l112.engr.uiowa.edu -P 3306 engr_class099 -p

-u → username
-h → host
-P → is port → (Capital P) (3306 is the default MySQL port)
-p → will prompt you to enter your password (Lowercase p)

General:
mysql -u USERNAME -h HOST -P PORT DATABASE_NAME -p

Welcome to phpMyAdmin

Language

English ⇕

Log in ⓘ

Username: engr_class050 🐻

Password: ••••••••••••••••

Go

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phpMyAdmin

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Recent Favorites

— 📁 New
⊞ 📁 engr_class050
⊞ 📁 information_schema

| 🗄 Databases | 📋 SQL | 📊 Status | 📤 Export | 📥 Import | 🔧 Settings | ◈ Variables | ▤ Charsets | 🗃 Engines | 🧩 Plugins |

General settings

🔄 Change password

▤ Server connection collation ⓘ : utf8mb4_unicode_ci ⇕

Appearance settings

🌐 Language ⓘ English ⇕

🎨 Theme: pmahomme ⇕

• Font size: 82% ⇕

🔧 More settings

Database server

- Server: Localhost via UNIX socket
- Server type: MariaDB
- Server connection: SSL is not being used
- Server version: 10.2.15-MariaDB - openSUSE package
- Protocol version: 10
- User: engr_class050@localhost
- Server charset: UTF-8 Unicode (utf8)

Web server

- Apache
- Database client version: libmysql - mysqlnd 5.0.12-dev - 20150407 - $Id: 38fea24f2847fa7519001be390c98ae0acafe387 $
- PHP extension: mysqli ⓘ curl ⓘ mbstring ⓘ
- PHP version: 7.2.5

phpMyAdmin

Version information: 4.8.3 (up to date)

Change password ✖

○ No Password

● Password: Enter: •••••••••••• Strength: ▬▬▬▬▬ Strong

Re-type: ••••••••••••

Generate password   Generate   VFXroivAgUaPoMIO

Go   Cancel

```
AlexPowers@wireless-nat-inside:~
[$ mysql -u engr_class050 -h s-l112.engr.uiowa.edu -P 3306 engr_class050 -p
[Enter password:
Welcome to the MySQL monitor.  Commands end with ; or \g.
Your MySQL connection id is 39
Server version: 5.5.5-10.2.15-MariaDB openSUSE package

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owners.

Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

[mysql> help

For information about MySQL products and services, visit:
   http://www.mysql.com/
For developer information, including the MySQL Reference Manual, visit:
   http://dev.mysql.com/
To buy MySQL Enterprise support, training, or other products, visit:
   https://shop.mysql.com/

List of all MySQL commands:
Note that all text commands must be first on line and end with ';'
?         (\?) Synonym for `help'.
clear     (\c) Clear the current input statement.
connect   (\r) Reconnect to the server. Optional arguments are db and host.
delimiter (\d) Set statement delimiter.
edit      (\e) Edit command with $EDITOR.
ego       (\G) Send command to mysql server, display result vertically.
exit      (\q) Exit mysql. Same as quit.
go        (\g) Send command to mysql server.
help      (\h) Display this help.
nopager   (\n) Disable pager, print to stdout.
notee     (\t) Don't write into outfile.
pager     (\P) Set PAGER [to_pager]. Print the query results via PAGER.
print     (\p) Print current command.
prompt    (\R) Change your mysql prompt.
quit      (\q) Quit mysql.
rehash    (\#) Rebuild completion hash.
source    (\.) Execute an SQL script file. Takes a file name as an argument.
status    (\s) Get status information from the server.
system    (\!) Execute a system shell command.
tee       (\T) Set outfile [to_outfile]. Append everything into given outfile.
use       (\u) Use another database. Takes database name as argument.
charset   (\C) Switch to another charset. Might be needed for processing binlog with multi-byte charsets.
warnings  (\W) Show warnings after every statement.
nowarning (\w) Don't show warnings after every statement.
resetconnection(\x) Clean session context.

For server side help, type 'help contents'

mysql> _
```