CPE 353 Lab015

Goals

Practice using Qt interface to MySQL server

- MySQL Server information
  - Host Name: **mike**
  - Port #:   **3300**
  - Database Name: **cpe353**
  - Username: **cpe353student**
  - Password: **123qwerty456**
  - Table Names: **tags, vehicles, owners**
  - See slides for table schemas
- Execute arbitrary SQL commands against database residing on a MySQL server
  - Create table, insert rows, query, and drop table from within a Qt application.
  - **NOTE: some activities are restricted via permissions for this account**

Directions

(1) After creating a **QMainWindow** based Lab015 program with **qtcreator**, edit the .pro file to add the line **QT += sql** and save the change.

(2) Use **Qt Creator** to implement your own version of the Lab015 program.

Note:
You may inspect the contents of the SQL database file from the command line while your Qt program is running by typing the following command

Type the following while logged into **blackhawk** or a Linux lab machines to execute the sample solution.

/home/work/cpe353/labs/lab015

A video discussing the solution is available via Canvas.

If you have questions, please contact the course instructor.