

CPE 353 Lab002

Goals

Practice using the following elements of Qt and software engineering concepts

- Dialogs
 - Modal dialog
 - Non-modal dialog
- Static allocation vs. dynamic allocation
- Layouts (horizontal, vertical, and grid)
- Spacers (horizontal and vertical)
- QPushButton
- Signal-Slot connections
- Integration of multiple Qt Designer forms
- **Object-Oriented Analysis and Design Concepts**
 - Use of an existing widget vs. use of inheritance to extend/customize an existing widget

Directions

Use **Qt Creator** to implement your own version of the Lab002 program.

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

`/home/work/cpe353/labs/lab002`

A video discussing the solution is available via Canvas.

If you have questions, please contact the course instructor.