CPE 353 Lab005

Goals

Practice using the following elements of Qt

- Networking
- UDP sockets
- Signal-Slot connections
- Netcat utility

Use the Netcat utility (**nc**) to test your socket code.

1. Start your Qt program

2. In a new terminal window type the following command to start Netcat UDP connection to port **5678** on local host (**127.0.0.1**)

   ```
   nc -u 127.0.0.1 5678
   ```

3. Click on terminal window

4. Type lines of text followed by return/enter key. Text entered into Netcat will be sent via UDP to your Qt program, which should display **ALL** text received in a text browser object.

5. Use Control-C to exit Netcat

Directions

Use **Qt Creator** to implement your own version of the Lab005 program.

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

/home/work/cpe353/labs/lab005

A video discussing the solution is available via Canvas.

If you have questions, please contact the course instructor.