COSC 2P13 – Assignment #3 – I-SEEK-YOU (get it?)

Due: July 13th, 2015 (Anytime before and including 11:59 PM)

You have been tasked with creating the hot new internet chat program, to rival the likes of IRC and Trillian. You will use Java to create a client/server chat program which will meet the following requirements:

- A server program will be started and run continuously until the program is halted.
- A client program will be able to connect to this server program through a network.
- Multiple clients can connect to the same server at one time.
- A client program can send a text message to the server, which will cause this message to appear at each connected program.
- Any single client can disconnect from the server without affecting any other client.
- (Optional) Client programs will use a GUI with an input and chat box.
- (Optional) Any other interesting features you can think of.

Submission: You will need to print your program code out and hand it in to the COSC 2P13 box in the Computer Science department. Attach a filled out cover page. An envelope is not required. Electronic hand in will be accomplished on sandcastle by changing directory to the folder with ALL of your work inside, and using the submit2p13 command.