CS 344 Final Exam Requirements Sp 2023
Wednesday, May 3, 2023, at 10:15 am

This will be a modification of the file server/client programs.
1. As soon as the client connects to the server, the server should spawn a process that will handle the client by passing the process the socket handle. The process handling the client should do the following:
    a. Send a menu across to the client giving them three choices: get a directory listing, select a file, quit.
    b. Once the client makes a selection, the server should comply with the request. If the client chooses to retrieve a file, the server should send the file or a message stating that the file is not found. If the choice is to see the directory listing, the server should send that to the client. After each action the server should resend the menu.
    c. When the client chooses to quit, both the client and the server should drop the connection.
2. The server should be designed so that it does not crash.
3. The client is simply designed to respond to the server. It should collect all data sent by the server and display it on the screen. It should stay in a loop talking to the server until it chooses to quit.

Make your code as modular as possible so that it is easy to design and test and so that you can find the answers to my questions fast.

START RIGHT AWAY SO THAT I CAN HELP YOU IF YOU GET STUCK!
I REFUSE to help anyone the night before the final.