Server Conventions

You are expected to host all of your homework assignments under your area on the **lamp.cse.fau.edu** server. In this document I'll provide detailed additional instructions, rules, and naming conventions associated with publishing your course projects on that server.

Procedure:
1. Read the *server setup instructions* document[1] and follow the recommended steps carefully.
2. Download and learn how to use a program for remote access to your account at the LAMP server (such as ***putty*** or ***Cyberduck***).
3. Log on to your area on the server using a remote shell (terminal).
4. Learn the basics of Linux (or at least the most commonly used command-line commands). You can follow the steps at http://linuxcommand.org/: start from http://linuxcommand.org/lc3_learning_the_shell.php, follow the instructions in each page (step-by-step) and hit 'next' to continue.
5. Download, install, and learn how to use a program for managing your area under the LAMP server (lamp.cse.fau.edu) which will be used for this class. I personally prefer **Cyberduck** to other SSH/SFTP tools. It is free, easy to use, and it has MacOS and Windows versions. Check it out: https://cyberduck.io/. But, of course, you're free to use whatever equivalent solution you choose.
6. Download, install, and learn how to use an editor. I recommend either Brackets or Atom, but you're free to use whatever equivalent solution you choose.
7. Set up your area under lamp.cse.fau.edu according to the guidelines below, which should be followed **strictly**:
    a. The ***public_html*** directory is your root directory for all projects in this class.
    b. Once your ***public_html*** directory has been set up, you should create a test ***index.html*** page and make sure it can be accessed from: **http://lamp.cse.fau.edu/~**username/index.html, where 'username' is your user name on lamp.cse.fau.edu.
    c. This ***index.html*** page which contains links to all of your (upcoming) assignments in the class.
    d. The ***public_html*** directory must also contain a subdirectory for each (upcoming) project in the class, which must strictly follow the naming convention below (all lowercase, no spaces or other characters): p1, p2, …
    e. All subdirectories should (eventually) contain an index. html (or index.php, for later assignments) page, so that – at any given time after an assignment is due – my grader and I should be able to go to http://lamp.cse.fau.edu/~username/pN (where 'username' is your FAU username and 'N' is the number of the project) and find the live version of that assignment.
8. Update your main page periodically, so that it contains links to available homework assignments and projects.
    a. Eventually, you will be encouraged to turn that main page into a good-looking, Bootstrap-based portfolio.

---

[1] Available on Canvas.