CSC 170 Lab 01: FTP account setup

Note: labs are usually due one week after they're assigned unless specified otherwise. THIS lab is due Monday, January 19.

Your assignment is to familiarize yourself with the process of using a hosted web service to setup your own web space and publish a simple webpage on the World Wide Web.

Step 1: Create an FTP account for yourself

- Follow the instructions to claim your account. (Separate email titled: Welcome to Bluehost for Education!)
- You will see a link to CREATE YOUR PASSWORD. Click it and follow the instructions to create your password. When you're successful, you will login to your "cpanel"
- In the cPanel, click the button HOSTING
- In the Hosting area, click the button FTP.
- In the ADD FTP ACCOUNT section, create a login name for your FTP account. Something like: first initial + last name (e.g. rkostin) (lowercase only, no spaces)
- Create a "strong" password
- IMPORTANT: Change the information in the directory box to public_html remove the extra stuff after "public_html"
- Leave the other fields as-is and click "Create FTP Account"
- In the FTP Accounts section below, find your login information
- Click "Configure FTP Client"
- Write down the FTP username, FTP server, FTP port (and remember your password)
- Logout of the cPanel (click "Logout" in the top right of the webpage).

Step 2: Access your FTP account using WinSCP

The computers in your assigned lab have FTP client software installed: "WinSCP." You can use that there, or install WinSCP yourself on your own computer. (Go to: **winscp.net/eng/download.php** and click the "Installation package.") Alternatively, on your own computer you can install any FTP client software and use that if you choose. But be advised: these instructions assume you're using WinSCP.

- ❑ In WinSCP, click the **New** button to create a new session

- ❑ Change the **File protocol** to "FTP"

- ❑ In the **Host name** field, **User name** field and **Password** field, enter the FTP server information that you wrote down in the previous section.

- ❑ Ensure the **Port number** is set to "21"

- ❑ Click the **Login** button
  OR
  If you're using your own computer: click the **Save** button

NOTE: You can change the **Save session as** information to something friendlier than what's there, and you can have it **Save password** too if you feel comfortable with that. Then click **OK** and then click the **Login** button.

If you were successful, your FTP client will connect you to the file space on the web server where you will put your web files for the entire semester. Any files in that space will be accessible on the Web.

Step 2: Create a simple webpage and view it in a web browser.

(These instructions assume you're using WinSCP. You can use another FTP tool to accomplish the same things if you are able.)

❑ When looking at your files on the web server, you will see a bunch of files and a CGI folder that were placed there automatically when you created your account. You can delete all of them.

❑ In the empty folder right mouse-click in the blank area and select **New**, and then select **File**
(Note: you won't actually see a folder called public_html. When you login, you're actually *in* that folder. The public_html folder is your "web root.")

❑ **Enter file name:** index.html
Note: the filename has to be that, exactly, and it must be lowercase.

❑ Click the **OK** button

❑ In the window that opens, enter the following text exactly as shown (except where it indicates for you to put your name)

```
<!DOCTYPE html>

<html lang="en">

    <head>
        <meta charset="utf-8">
        <title>Enter Your Name</title>
    </head>

    <body>
        <h1>Hello World!</h1>
        <p>This is the first webpage created by me, in CSC170.</p>
        <p>- Enter Your Name</p>
    </body>

</html>
```

❑ Save and close the file. (After you confirm everything is working correctly in the next step, you can close WinSCP.)

❑ Open a web browser and go to this web address:
yourEmailName.rochestercs.org
(note: if you email name has a dot in it, like robert.kostin, your email name will be robert-kostin)
If you did everything correctly, you should see your simple webpage with your name on it.

Final step: In our Blackboard section, in the **Lab Assignments** folder, go into the **Lab 1** assignment and click the **Write** Submission button. In the text box that opens up, paste the URL (the web address) to your webpage to receive credit for this Lab.

Extra credit (not really): send an email to your parents with a link to your webpage as proof that their investment is going to good use.