
Web-Based Application Design and Development (ITIS 3135)**In-class Activity 1: Create your first page and upload it to the web server**

For this lab session you are going to work in pairs to set up your accounts where you will publish your developed web pages throughout the semester. You will then test your account with a basic html file (provided in Canvas) that has minimal content in a very basic layout. You are given instructions below to edit the html file and to upload the file so that the public can see your web page.

Part 1: Access the Hosting Self-Service Portal, request a Personal Webpages account

1. Go to <https://hosting.uncc.edu>.
 - a. Login with your UNCC credentials.
 - b. Click the 'Personal Webpages' service link.
2. Click the 'Request an Account' link.
3. Click the 'Submit Request' link.
4. **Log out** – upper right corner.
5. Repeat for your partner.

Part 2: Download and Install the Webstorm IDE.

1. Go to <https://www.jetbrains.com/student/>
2. Click on *Apply Now*. Make sure to use your uncc email.
3. You will receive an email confirmation with a link to activate your account.
4. Go to the link, download and install the IDE.
5. Once completed, run WebStorm. You will need to use your license id or if you created an account, you login credentials.

Part 3: Download and Install the VPN.

1. Go to <https://software.uncc.edu/>
2. Login with your NinerNet credentials
3. Click on *VPN*.
4. Choose your OS and download.
5. Use the following installation instructions:
<https://spaces.uncc.edu/pages/viewpage.action?pageId=2523220>
6. Once installed, use the following instructions to connect:
<https://spaces.uncc.edu/pages/viewpage.action?pageId=6653379>

Part 4: Download and Install Filezilla FTP Software.

1. Go to <https://software.uncc.edu/>
2. Click on Filezilla.
3. Click on *Link*.
4. Select the appropriate executable for your OS and download. Install.

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Part 5: Save the Activity1 -WhoAreWe.html file on the server, view it in a browser, and open it in an editor.

1. You will save the file locally to your machine.
2. Create a folder and name it "**Labs**".
3. Go to Canvas. Save the file as **Lastname1Lastname2- Activity1.html** (your last name) under the **Labs** folder on your **computer**.

Part 6: Log on to the web server with a ftp client e,g FileZilla and publish the html file.

1. Open '**FileZilla**'.
 - a. Enter **webpages.uncc.edu** as the Hostname, **22** as the port number and your 49er username and password. Click **Login**. Click **Yes** to accept the host key. Click **Continue**
2. In the left pane is a list of personal and private files. In the right pane is a list of your public files on the web server.
3. Change your directory location to your **Labs** folder using the navigation dropdown.
4. You should see the **Lastname1Lastname2- Activity1.html** file.
5. In the server pane on the right, double click on the **public_html** folder icon. This is where you will place all your web files.
6. Create a **Labs** folder on the web server and open the folder:
 - a. Right click in the server pane → **New** → **Directory** → Name it **Labs**
 - b. Double click the **Labs** icon
7. In the local pane (left side of screen), right click the **Lastname1Lastname2- Activity1.html** file and select **upload**. Select **OK** in the **Upload** popup.
8. Check that your file is available on the web server.
 - a. Open up **Chrome** web browser.
 - b. Type in <http://webpages.uncc.edu/yourUsername/Labs/ Lastname1Lastname2-Activity1.html>
 - c. Your browser should display the page.
9. At the bottom of the screen, click on the validation link. Verify that there are no errors on the page.
10. Disconnect your **FileZilla** ftp connection → **Session** → **Disconnect**

Part 7: Modify the HTML. Complete the following modifications.

1. Using WebStorm, open **Lastname1Lastname2- Activity1.html**.
2. Go to **File** → **Open** and navigate to **Labs/ Lastname1Lastname2- Activity1.html**. Select and open the file.
3. Modify the page (file):
 - a. Replace the paragraphs about the professor and TAs with a small paragraph about you and a small paragraph about your partner.
 - b. Make sure that your new paragraphs start and end with **<p>** and **</p>**.
 - c. Make sure that your names are the first words in each paragraph and the name starts

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and ends with `` and ``.

4. Save your file and preview it to see your changes.
5. Upload modified file to the server.
6. Refresh your <http://webpages.uncc.edu/~yourUsername/Labs/Lastname1Lastname2-Activity1.html> to see your changes.
7. Click on the **Validation** link. Verify that there are no errors on the page. If there are errors, fix them. Redeploy and check again.
8. When satisfied, ftp to your partner's **public_html** folder.
 - a. See **Part 3** – don't forget to disconnect and start a new ftp connection to your partner's directory.
 - b. Verify the page is available
<http://webpages.uncc.edu/~Partner'sUsername/Labs/Lastname1Lastname2-Activity1.html>

Part 8: Turn in your activity

1. Each partner should log in to **Canvas**.
2. Go to **Week1 -> In-class Activities -> In-class Activity1 submission**. Upload the **html** file to the submission page.
3. After you save the file, click on "**Comments**" and in the textbox provide the URL of your **html** file on the web server. Note that each partner has a different URL, even though the files are the same. **You must provide the correct URL to get credit.**