

Lab 2: Content Structuring Plus Increments

Contents

Lab 2: Content Structuring Plus Increments	1
A. Introduction (Lab Component Requirements).....	1
B. Confirm that you can connect to ITU Web Server remotely.	1
C. Create an HTML website with the following elements.....	2
D. Web Page Validator	3
E. Debugging:	3

A. Introduction (Lab Component Requirements)

Every week, you'll learn HTML, CSS, JavaScript, and Web Server configurations until the end of the trimester. The knowledge you acquire should be incrementally applied to your lab. In other words, you'll apply previous labs to your current labs to build your skills in the front end. Your work should be done individually, but I encourage you to ask for help from your classmates. You don't want to get stuck on something unable to make progress. In the real world, developers consult their co-workers (in this case, your classmates) if all fails on their research to solve their issues – debugging and troubleshooting. Nevertheless, I advise you not to copy their work. HTML goals in this lab is to do the following.

1. Access ITU Web Server
2. Put comments on all your code
3. Incorporate Attributes
4. Implement the div Element
5. Add HTML Semantics
6. Use Special Characters
7. Specify Viewport
8. Debug your HTML Code
9. Validate your HTML Code
10. Preview your code on your mobile device.

B. Confirm that you can connect to ITU Web Server remotely.

You can use any tools. Just make sure that you can upload or download the html code you want to be corrected. It was discussed in class.

1. What is the URL you're using on the remote ITU Web Server? I showed you this during class session.

Write the URL here.

2. Cut and paste the method of tools/ways how you do it. I prefer you using AptanaStudio for everyone to use. Show that you can connect and SFTP your work to the remote server (ITU Web Server)

Cut and paste your tool's snapshot that it's connected.

C. Create an HTML website with the following elements.

Don't worry about the layout and structure of your code for now. We'll use CSS how to layout and structure code. Your job here is that you know how to use the HTML code we learned so far. There should not be an error.

1. <html>
2. Document type
3. <body>
4. <head>
5. <div>

Check the example of what I did during class. Create a menu container.

6. Include all the special characters you learn.
7. Viewport
8. Put a comment on all your code of what it does.

Paste your code here

Cut and paste what it looks like in your browser plus the URL location (ITU Web Server)

D. Web Page Validator

1. Select a Web page of your choice, and validate it using the "validate by URI" tab of <http://validator.w3.org/>. Cut and paste of the sample error captured.

Cut and paste the code of the html code.

2. Now, validate your code from section C you just created. There should not be an error.

Cut and paste the code of the html code.

E. Debugging:

What are the errors you see? Correct the errors. You may test this on your different browsers and see what it looks like.

