Getting Started Lab

A + + + - 4		Review Feedback
Attempt 1		1/13/2024

Attempt 1 Score: **100/100**



Anonymous Grading: no

1 Attempt Allowed

1/21/2024

∨ Details

Publish Your First Web Page

To be a successful JavaScript programmer, it is important to

- host the JavaScript program with an HTML page
- create page elements that can be referred to by their ID and class attributes
- host your functioning website on a server

Activities

For this lab, you will:

- 1. Use a Secure File Transfer Program to connect to the Computer Science server to create your personal course directory
- 2. Create a simple HTML page as demonstrated in Chapter 1 of the textbook. Your page must contain:
 - <html> element
 - <head> element
 - o <body> element
 - two elements with IDs and classes for styling
 - any other elements that you would like to have on your page
- 3. Create a CSS file that styles two of the elements.
- 4. Create a JavaScript file that sends output to the page.

Step-by-Step Basic Instructions

1. Follow the instructions to download the secure FTP software, connect to the server, and create folders in your account.

blank space	Server Publication Instructions	FTP Software
Windows Users	Server Publication Using Windows (https://iu.instructure.com/courses/2214520/pages/server-publication-using-windows)	WinSCP Download ☐⇒ (http://download.cnet.com/WinScp/3000-2160_4- 10400769.html)
Mac Users	(https://iu.instructure.com/courses/2214520/pages/server-	<u>Cyberduck Download</u>

NOTE: The Computer Science server is at: **tesla.cs.iupui.edu** Be sure to check your mobile device for a Duo Mobile authentication request.

5/7/24, 7:18 PM Getting Started Lab

NOTE: All labs must be uploaded to your account on the Computer Science server for grading. Labs stored in other locations will not be graded.

- 2. Read the <u>Lab Guidelines (https://iu.instructure.com/courses/2214520/pages/lab-guidelines)</u>. These guidelines apply for every lab.
- 3. If you're struggling to understand how HTML, CSS, and JavaScript work together, study page 44 of the textbook and check out the https://cs.iupui.edu/~linglu/n341/demos/layersDemo.html).
- 4. Also check out the Page Output Demo (https://cs.iupui.edu/~linglu/n341/demos/multiWritesDemo.html) to see a simple example of page output.
- 5. Create an HTML file as demonstrated in Chapter 1 of the text.
- 6. Check your HTML file for validation at https://validator.w3.org/ https://validator.w3.org/ https://validator.w3.org/ https://validator.w3.org/)
- 7. Create a CSS file to style your page elements.
- 8. Check your CSS file for validation at https://jigsaw.w3.org/css-validator/ https://jigsaw.w3.org/css-validator/ https://jigsaw.w3.org/css-validator/ https://jigsaw.w3.org/css-validator/ https://jigsaw.w3.org/css-validator/)
- 9. Create a JavaScript file to add functionality to your page.
- 10. Read <u>The JS Console (https://iu.instructure.com/courses/2214520/pages/the-js-console)</u> article to learn about this handy debugging tool. Use the JS Console to ensure that your JavaScript is error-free. <u>Always check your page for errors.</u> There will be a 50% penalty on all labs that contain JavaScript errors.
- 11. Read through the rubric at the bottom of this page. The rubric contains the detailed requirements for this lab.
- 12. Use the FTP software that you downloaded in Step 1 to upload your HTML, CSS, and JavaScript files to your n341 folder on the Computer Science server.
- 13. Be sure to test your website to ensure that it works.
- 14. Submit a link to your website in Canvas for grading.

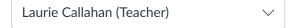
Notes:

- All CSS should be stored in its own file separate from the HTML.
- All JavaScript should be stored in its own file separate from the HTML.
- Be sure to link your JavaScript after any page elements it accesses.

If you have any questions, please send Canvas Mail to the instructor or the teaching assistant.

∨ View Rubric

Select Grader



n341 - Getting Started

Criteria	Ratings	Pts
Follow directions for Server Publication		20 / 20 pts
view longer description		20 / 20 pts
Create an HTML file as		
demonstrated in Chapter		10 / 10 pts
1 of the text.		
HTML validates at		5 / 5 pts
https://validator.w3.org/		3 / 3 μις
HTML file contains a		3 / 3 pts
header block comment		3 / 3 pts

n341 - Getting Started

Criteria	Ratings	Pts
HTML file contains <html> element</html>		2 / 2 pts
HTML file contains <head> element</head>		2 / 2 pts
HTML file contains <title> element</td><td></td><td>2 / 2 pts</td></tr><tr><td>HTML file contains
 <body> element</td><td></td><td>2 / 2 pts</td></tr><tr><td>HTML file contains <h1> element</td><td></td><td>2 / 2 pts</td></tr><tr><td>HTML file contains two
elements that are
labelled with IDs or
classes.</td><td></td><td>4 / 4 pts</td></tr><tr><td>Link a CSS file to your
HTML page</td><td></td><td>3 / 3 pts</td></tr><tr><td>Create a CSS file to style
your elements</td><td></td><td>10 / 10 pts</td></tr><tr><td>CSS file validates at
https://jigsaw.w3.org/css-
validator/</td><td></td><td>5 / 5 pts</td></tr><tr><td>CSS file contains a header block comment</td><td></td><td>3 / 3 pts</td></tr><tr><td>CSS file styles one element from the HTML
file displaying visible
results on the page</td><td></td><td>2 / 2 pts</td></tr><tr><td>CSS file styles a second page element displaying visible results on the page</td><td></td><td>2 / 2 pts</td></tr><tr><td>Link a JavaScript file to
your HTML page</td><td></td><td>3 / 3 pts</td></tr><tr><td>Create a JavaScript file to
send output to your
HTML page</td><td></td><td>10 / 10 pts</td></tr><tr><td>JS file contains a header
block comment</td><td></td><td>3 / 3 pts</td></tr><tr><td>JS file sends visible output to the page using</td><td></td><td>5 / 5 pts</td></tr></tbody></table></title>		

n341 - Getting Started

Criteria	Ratings	Pts
textContent		
Use the JS Console	eto	
find and correct errors in your JavaScript	2 / 2 pts	
		Total Points: 100

https://cs.iupui.edu/~parmsing/n341/gettingstartedlab/

