

Attempt 1

Review Feedback
1/13/2024Attempt 1 Score:
100/100

Add Comment

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
 - <body> element
 - two <p> 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	Server Publication for Mac Users (https://iu.instructure.com/courses/2214520/pages/server-publication-for-mac-users);	Cyberduck Download (https://www.macupdate.com/app/mac/8392/cyberduck)

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

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.

- Read the **Lab Guidelines** (<https://iu.instructure.com/courses/2214520/pages/lab-guidelines>). These guidelines apply for every lab.
- If you're struggling to understand how HTML, CSS, and JavaScript work together, study page 44 of the textbook and check out the **Three Layers of a Web Page Demo** (<http://cs.iupui.edu/~linglu/n341/demos/layersDemo.html>).
- Also check out the **Page Output Demo** (<https://cs.iupui.edu/~linglu/n341/demos/multiWritesDemo.html>) to see a simple example of page output.
- Create an HTML file as demonstrated in Chapter 1 of the text.
- Check your HTML file for validation at <https://validator.w3.org/> (<https://validator.w3.org/>).
- Create a CSS file to style your page elements.
- Check your CSS file for validation at <https://jigsaw.w3.org/css-validator/> (<https://jigsaw.w3.org/css-validator/>).
- Create a JavaScript file to add functionality to your page.
- Read **The JS Console** (<https://iu.instructure.com/courses/2214520/pages/the-js-console>) article to learn about this handy debugging tool. Use the JS Console to ensure that your JavaScript is error-free. **Always check your page for errors.**
There will be a 50% penalty on all labs that contain JavaScript errors.
- Read through the rubric at the bottom of this page. The rubric contains the detailed requirements for this lab.
- 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.
- Be sure to test your website to ensure that it works.
- 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

Laurie Callahan (Teacher) ▼

n341 - Getting Started

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

n341 - Getting Started

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

n341 - Getting Started

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

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

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<https://iu.instructure.com/courses/2214520/modules/items/31320369>

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