

Pichy Jumholwong & Zac Nakamura
Lab 9: Javascript For The Web
5/5/22

Task 1: Create an index.html for Lab 9

```
1 <!DOCTYPE html>
2 </html>
3 <html>
4 <head>
5   <title>Lab 9 - Javascript For The Web</title>
6   <script src="js/lab.js" defer></script>
7   <link rel="stylesheet" type="text/css" href="../css/site.css">
8   <link rel="stylesheet" type="text/css" href="css/lab.css">
9 </head>
10 <body>
11   <h1>Lab 9: Javascript For The Web</h1>
12   <h2>Challenges</h2>
13   <p>We struggled to figure out how to implement the various methods, such as appendChild. We kept running into an
14   error in our console that stated that it could not read the properties of null.</p>
15   <h2>Problems</h2>
16   <p>We had a lot of problems when trying to make our results print correctly in the console as it stated
17   that we either had reference errors or unknown type errors. Because it does not tell us what
18   specifically to change, we realized that we could not randomly put it in the console, but it had to be
19   within a certain website.</p>
20   <h2>Results</h2>
21   <p>Check out the results of our working function!</p>
22   <div id="output">
23   </div>
24
25 </body>
26 </html>
27
```

Screenshot of our Atom source code

Task 2: Create a JavaScript file

```
1 // Authors: Pichy Jumholwong and Zac Nakamura
2 // Created: 5 May 2022
3 // License: Public Domain
4
5 outputEl = document.getElementById("output");
6
7 new1El = document.createElement("p");
8 // new1El.setAttribute("div", "saucy");
9 new1El.innerHTML = "saucy";
10
11 var new2El = document.createElement("id");
12 // new2El.setAttribute("id", "swaggy");
13 new2El.id = "swaggy";
14
15 outputEl.appendChild(new1El);
16 // outputEl.appendChild(new2El);
17
```

Screenshot of our JavaScript file in Atom

Task 3:

Lab 9: Javascript For The Web

Challenges

We struggled to figure out how to implement the various methods, such as appendChild. We kept running into an error in our console that stated that it could not read the properties of null.

Problems

We had a lot of problems when trying to make our results print correctly in the console as it stated that we either had reference errors or unknown type errors. Because it does not tell us what specifically to change, we realized that we could not randomly put it in the console, but it had to be within a certain website.

Results

Check out the results of our working function!

saucy

saucy




saucy

saucy

Screenshot of our working file on our webpage

Self-Evaluation Rubric:

Self Evaluation Rubric (Pichy Jumpholwong and Zac Nakamura)						
<u>Did you complete the assignment and did you complete it on time?</u>	<u>Submitted on time</u>	<u>Up to 1 day late</u>	<u>Up to 2 days late</u>	<u>Up to 3 days late</u>	<u>4 days late or more</u>	<u>Do you need to clarify?</u>
	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<u>Did you collaborate with a partner?</u>	<u>Worked with partner</u>			<u>Worked alone</u>		<u>Do you need to clarify?</u>
	<input checked="" type="checkbox"/>			<input type="checkbox"/>		
<u>Did you put in earnest effort and provide an articulate summary of your experience?</u>	<u>Excellent</u>	<u>Pretty good</u>	<u>About average</u>	<u>Could be improved</u>	<u>Not this time</u>	<u>What supports this?</u>
	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<u>Was the assignment complete, with minimal errors, correct output, and good style?</u>	<u>Excellent</u>	<u>Pretty good</u>	<u>About average</u>	<u>Could be improved</u>	<u>Not this time</u>	<u>What supports this?</u>
	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<u>How much EXTRA effort did you put into the assignment?</u>	<u>A lot of extra effort</u>		<u>Some extra effort</u>		<u>Not this time</u>	<u>What supports this?</u>

						
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Summary of your evaluation/efforts:

We put A LOT of effort as we have googled, and used different websites for DOM examples such as W3Schools, Stackoverflow, Python Tutor, etc. This is because we had trouble with having our console print our results without any errors. Instead of solely relying on our console, we also used Python Tutor where you can paste javascript code and it would tell us what each line of code would do along with any mistakes. We then realized that our console was inputting an error as our parameters were not corresponding to a specific website. Instead of deleting our code that did not work, we decided to comment it out because it later helped us with further problems and serves as a reminder that we tried Bonus X to make other elements change and let us see previous incorrect code.