**I. Your Name:** Liam Alexiou

**II. Instructions:**

1. Change this file name to **lastName-firstInitial-3B-quiz.docx**
2. Complete the questions below by typing your answers into the document
3. This will be graded and counts as a “Checkoff”
4. This is open Internet, open brain, and open VSCode. Feel free TO test out your JS answers by running them in a web browser
5. When you are done, go ahead and ZIP up this file and post it to the dropbox before it closes

1) Write code that:

A) turns the colors string (below) into an array

B) now loop through this array of colors using a for..of loop and

C) create an HTML ordered list (it will be a String)

D) Add this list to the HTML page inside of <div id="output"></div>

const colors = "red,green,blue";

const words = colors.split(“,”);

let html = “<ol>”;

for (let w of words){

html += `<li>${w}</li>`;

}

document.querySelector(“#output”).innerHTML = html;

2) Now do the same thing, again, as question #1 above, but this time utilize array.map() and array.join() (instead of for..of and string concatenation)

const colors = "red,green,blue";

const words = colors.split(“,”);

const html = `<ol>${words.map(w => `<li>${w}</li>`).join(“”)}</ol>`;

document.querySelector(“#output”).innerHTML = html;

3) Encode the following information into a *well-formed* XML file named **app-data.xml**

* the title of the app (which, for example, might be used in a <title> or <h1> tag) is “Greeter"
* a list of greetings - "Hi", "Hello" and "Hey there”
* The *root element* must be named <greeter-data>
  + You can name the other elements whatever you wish
* Make sure that you follow the other rules of XML (see the **ajax-2** assignment linked from **PE-03**)
* Recall that (if you want to) you can always verify that an XML file is *well-formed* by opening it in a web browser

**app-data.xml**

<?xml version=“1.0” encoding=“UTF-8”?>

<greeter-data>

<title>Greeter</title>

<list cid=“greetings”>Hello,Hiya,Hi,Hey there,Wazaahh,What’s up</list>

</greeter-data>

4) Now encode the same information from the above question into a well-formed JSON file named **app-data.json**

* Recall that (if you want to) you can always verify that a JSON file is well-formed by heading to <https://jsonlint.com/>

**app-data.json**

{

“title”: “Greeter”,

“greetings”: [“Hello”,“Hiya”,“Hi”,“Hey there”,“Wazaahh”,“What’s up”]

}

5) In an XHR callback function for onload or onerror, we often have a parameter named e or evt, which holds an Event object. In this context, what does e.target represent?

e.target represents the element that triggered the event, hence “e” for element.