**I. Your Name: Max Lama**

**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";

window.onload = () *=>* {

*let* colorArr = colors.split(",");

*let* outputString = '<ol>';

for(*const* color of colorArr) {

outputString += `<li>${color}</li>`;

}

outputString += '</ol>'

document.querySelector("#output").innerHTML = outputString;

}

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";

window.onload = () *=>* {

*let* colorArr = colors.split(',');

*let* outputString = colorArr.map(*x* *=>* `<li>${*x*}</li>`).join('');

outputString = `<ol>${outputString}</ol>`;

document.querySelector('#output').innerHTML = outputString;

}

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**

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**

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?

The element that triggered the event