**Fluency Review Template**

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**Date:** Sept 29, 2018

**Week:** 02

**Home page (Index) Link:** <http://cit261.ryandockstader.com/>

**Coding Topic:** JavaScript

**Topic Link:** <http://cit261.ryandockstader.com/01-Javascript/>

**Description of Understanding:** I’ve been working on a JavaScript/TypeScript based project using Angular 6 in my spare time over the summer, so this one felt like a natural starting point for this semester. This topic, however, made realized that there is so many more details that I have either not needed, or didn’t realize. I’m glad that I had the opportunity to go back to basics and gain a deeper understanding of the core things that make JavaScript, JavaScript. The usages that I went over here were client-side JavaScript. I used buttons to trigger a function to pull three text input (principal, interest rate, years of loan), and then used the output of that function to calculate the loan payment, the interest paid with each payment, and then add that JS object to an array. Then, looping over that array I created a table to display the loan amortization schedule. Chrome is the browser I used to develop, so it will be the best for testing as well.

**Teaching Video:** I taught this week, but we either missed or weren’t aware of the recording requirement. If I need to do an extra topic to make up for that, let me know.

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| **File** | **Git Link** | **What should I be looking for?** | **Sandbox or Your code?** |
| Script.js | <https://github.com/rdockstader/BYUI-CS/tree/master/CIT261/Web/01-Javascript> | Shows understanding of loops, functions, variables, parameters, arrays | Mine |
| Index.html | <https://github.com/rdockstader/BYUI-CS/tree/master/CIT261/Web/01-Javascript> |  | Mine |
| Style.css | https://github.com/rdockstader/BYUI-CS/tree/master/CIT261/Web | (I like to make things look like bootstrap, even when not using bootstrap. So this is mostly just to show that I’m not using something I shouldn’t be 😊 ) | Mine |