**Fluency Review Template**

**Name:** Moises R. Sanchez

**Date:** 02/14/2020

**Week:** Week 06

**Coding Topic:** Manipulating CSS Class Properties Using JavaScript

**Description of Understanding:** we covered how to create, insert, replace, and remove elements from the Document Object Model (DOM) with built-in methods. By increasing your proficiency in manipulating the DOM, you are better able to utilize JavaScript’s interactive capabilities and modify web elements.

Attributes are values that contain additional information about HTML elements. They usually come in **name/value** pairs and may be essential depending on the element.

Some of the most common HTML attributes are the src attribute of an img tag, the href of an a tag, class, id, and style. For a full list of HTML attributes, view the [attribute list](https://developer.mozilla.org/en-US/docs/Web/HTML/Attributes) on the Mozilla Developer Network. Custom elements that are not part of the HTML standard will be prepended with data-.

**Teaching Video:** <https://screencast-o-matic.com/watch/cYn60kwT8B>

<https://screencast-o-matic.com/watch/cYnlq8wU7c>

**Starting at:**

**Also Integrated with:**

|  |  |  |  |
| --- | --- | --- | --- |
| **File** | **Git Link** | **What should I be looking for?** | **Sandbox or Your code?** |
| Example.js | <https://github.com/MoisesSanchez2020/SanchezMoisesCIT261/blob/master/CSS3%20using%20JavaScript/example.js> | CSS manipulation with JavaScript |  |
| Query Dom exaple | <https://codepen.io/MoisesSanchez2020/pen/abOvjKq> |  |  |

**Coding Topic:** Creating CSS3 Transitions and Animations in CSS and triggering them with JavaScript

**Description of Understanding** Transitions in CSS are applied to an element and specify that when a property changes it should do so over gradually over a period of time. Animations are different. When applied, they just run and do their thing. They offer more fine-grained control as you can control different stops of the animations.

**Teaching Video:**  <https://screencast-o-matic.com/watch/cYnXiewOx7>

**Starting at:**

**Also Integrated with:**

|  |  |  |  |
| --- | --- | --- | --- |
| **File** | **Git Link** | **What should I be looking for?** | **Sandbox or Your code?** |
| CSS3 Transitions and Animations in CSS and triggering them with JavaScript | <https://codepen.io/MoisesSanchez2020/pen/qBdOMrw> |  |  |
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