**Fluency Review Template**

**Name:** Julian Romero

**Date:** February 24 through March 3, 2018

**Week:** 7, 8

**Coding Topic:** HTML5 Tags - Video, Audio, and Canvas

**Description of Understanding:** This was another fun topic. The first concept I learned about was how to load up any video on an HTML using HTML5 tags. I was fairly straight forward, however, I did discover there are quite a few options to enable and access. The main tag functions I studied were ‘src’ (the video location itself), ‘type’, ‘codecs’, ‘controls’, ‘autoplay’, ‘loop’ and sizing. The next concept I studied was loading an audio file using HTML5 tags. Similar to video tags, the audio tags include options such as controls and autoplay. Canvas tags were a little more complicated but I was able to follow some online instructions on how to make lines and shapes within a canvas using a function. I used the instructions to create a few colorful lines.

**Teaching Video:** [Lessons 7, 9, 10](https://www.youtube.com/watch?v=dKUelgg_Fp4)

**Starting at:** N/A

**Also Integrated with:** HTML5 Tags - Video, Audio, and Canvas

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| --- | --- | --- | --- |
| **File** | **Git Link** | **What should I be looking for?** | **Sandbox or Your code?** |
| HTML5 Tags - Video, Audio, and Canvas | [https://github.com/romero-julian/CIT-261-Portfolio/...](https://romero-julian.github.io/CIT-261-Portfolio/Topics%2010/HTML5_Tags.html) | Example use of video, audio and canvas tags in HTML5 | Mine |

**Coding Topic:** Designing, Defining, and Triggering CSS3 Transitions without Custom Libraries (Thought Library), Designing, Defining, and Triggering CSS3 Transforms without Custom Libraries (Thought Library), Designing, Defining, and Triggering CSS3 Animations without Custom Libraries (Thought Library)

**Description of Understanding:** This topic I had dabbled on in weeks 5 and 6. I research how to trigger transitions in CSS3 and found that there are custom libraries and thought libraries. In topic 8, I created the same html with thought libraries and using JavaScript, was able to trigger the transitions. I also create similar triggers for transforms and animations. In my study, I found a really awesome design that not only shows how to code all the transitions, but also test every one of them. I added this to my portfolio.

**Teaching Video:** [Lesson 11, 12, 13](http://youtu.be/QWMUVhpfu40)

**Starting at:** All

**Also Integrated with:** Topics 11, 12 and 13

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| --- | --- | --- | --- |
| **File** | **Git Link** | **What should I be looking for?** | **Sandbox or Your code?** |
| Designing, Defining, and Triggering CSS3 Transitions, Transforms and Animations without Custom Libraries (Thought Library) | [https://github.com/romero-julian/CIT-261-Portfolio/...](https://romero-julian.github.io/CIT-261-Portfolio/Topics%2008/CSS3_Transitions_Animations.html) | Examples of transitions, transforms and animations | Mine |
| Animate | [https://romero-julian.github.io/CIT-261-Portfolio/...](https://romero-julian.github.io/CIT-261-Portfolio/Topics%2013/animate) | All types of animation | Sandbox |

**Diagram**: UML Class Diagram

**Description of Understanding:** I was able to use a Class Diagram as a part of the design of my DVD Collection application. The diagram helped me to identify the necessary classes and interfaces.

**Teaching Video:** None

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| **File** | **What should I be looking for?** | **Example**  **Or Your code?** |
| /myrepository/uml/classdiagrams/dvdcollection.pdf | My first try at this diagram. | My code |