**Fluency Review Template**

**Name:** Troy Tuckett

**Date:** June 15, 2015

**Week:** 2

**Coding Topic:** MVC

**Description of Understanding:** This is the topic I have spent the most time trying to learn. I have really tried to master one topic at a time instead of skipping around and only understand the kindergarten level of it. One of the things that really started to make sense was this last week while I was working on a program for a calculator in MVC it finally clicked that the model and the view don’t know that the other exists and that is why we have the controller. It works like a TV remote, when you push the volume it controls the model and when you click the channel button is controls the view. I think that this really started to make sense too because one can be used for just the computations and the logic and one is mostly used for just the GUI interface you are trying to do.

**Teaching Video:**<https://plus.google.com/u/0/communities/1038278547410936948>

**Starting at:** 35:05

**Also Integrated with:** Nothing yet

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| **File** | **Git Link** | **What should I be looking for?** | **Sandbox or Your code?** |
| View.java | <https://github.com/tuckettt/MVC> | This shows my use of View in MVC | Mine |
| Model.java | <https://github.com/tuckettt/MVC> |  | Mine |
| Controller.java | <https://github.com/tuckettt/MVC> |  | Mine |

**Coding Topic:** jUnit

**Description of Understanding:** This last week I worked on providing evidence of my understanding of Junit Testing and System Testing.  Here is where you can find evidence of my fluency.

**Teaching Video:** <https://www.youtube.com/watch?v=TNn_XDoZ8>

**Starting at:** 8:14

**Also Integrated with:** I am writing tests for MVC and Java Collections

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| **File** | **Git Link** | **What should I be looking for?** | **Sandbox or Your code?** |
| MyPortTest.java | [**https://github.com/tuckettt/CIT360-Portfolio.git**](https://github.com/tucketttCIT360-Portfolio.git) | This is the class being tested | Mine |
| MyPortTestTest.java | [**https://github.com/tuckettt/CIT360-Portfolio.git**](https://github.com/tucketttCIT360-Portfolio.git) | This is the test class. | 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 |