**Coding Topic:** System Level Test

**Description of Understanding:** This is a testing of a system to make sure the system is working as desired, testing things like front-end and back-end.

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| **File** | **Git Link** | **What should I be looking for?** | **Sandbox or Your code?** |
| AmazonTest.xlsx | **https://github.com/ireland-isaac/isaac-ireland.github.io/blob/master/familiarity%20review/SystemLevelTests/AmazonTest.xlsx** | List of tests on System | Self-made chart, based upon book |
| Zoom\_0.mp4 | **https://github.com/ireland-isaac/isaac-ireland.github.io/blob/master/familiarity%20review/SystemLevelTests/zoom\_0.mp4** | Video of me working through the Excell | Video |

**Coding Topic:** Servlets

**Description of Understanding:** This one gave me the most trouble, and I had to install a different coding base, since my last one just would not comply, my understanding is seen the .doc file

**Teaching Video:**

**Starting at:**

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| **File** | **Git Link** | **What should I be looking for?** | **Sandbox or Your code?** |
| servlets.docx | <https://github.com/ireland-isaac/isaac-ireland.github.io/blob/master/familiarity%20review/Servlets/servelets.docx> | Description of knowledge |  |
| Zoom\_0.mp4 | <https://github.com/ireland-isaac/isaac-ireland.github.io/blob/master/familiarity%20review/Servlets/zoom_0.mp4> | Brief show and tell | Sandbox, with own code |
| JSONEchoServlet.java | <https://github.com/ireland-isaac/Netbeans/tree/master/JSONEchoServlet.java> | Simple Servlet example done with JSON | Sandbox |

**Coding Topic:** Threads, Executables, runnables

**Description of Understanding:** This seems like a useful tool in helping make use of modern CPUs and also is handling the many threads that can be needed when many users are accessing the same interface. Executables help balance the creation and removal of runnables and threads.

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| **File** | **Git Link** | **What should I be looking for?** | **Sandbox or Your code?** |
| Multithread.java | https://github.com/ireland-isaac/isaac-ireland.github.io/blob/master/familiarity%20review/threading/Multithread.java | Showing threading | Mine |
| SimpleThreadPool.java | <https://github.com/ireland-isaac/isaac-ireland.github.io/blob/master/familiarity%20review/threading/SimpleThreadPool.java> | All three together | Mine |
| Threadsless.java | https://github.com/ireland-isaac/isaac-ireland.github.io/blob/master/familiarity%20review/threading/threadless.java | There is a timer on this, it shows 21 mil (threadA does it in 5) | Mine |
| Thread-executables.runnables.docx | https://github.com/ireland-isaac/isaac-ireland.github.io/blob/master/familiarity%20review/threading/thread-executables-runnables.docx | An explanation of what I understand and can do | My write up |