**Familiarity Review**

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**Coding Topic:** **Servlets**

**Description of Understanding:** The Java Servlets are known as a program that runs on a web or application server. This program is a middle layer that stands between a web browser HTTP client and database on the HTTP server.

With Servlets, you have the ability to collect data from the user through a web page forms and then present the record from the database in a dynamic form.

**Why do we use Servlets?**

* It performs better.
* Because they are written in Java, they are independent.
* Servlets are security conscious and well trusted.
* Servlets operated in the address of a webserver. So, you don’t need to create any other process to handle client’s requests.

**Servlet Task can:**

* Read the explicit data sent by the clients (browsers).
* Read the implicit HTTP request data sent by the clients (browsers).
* Process the data and generate the results.
* Send the explicit data (i.e., the document) to the clients (browsers).
* Send the implicit HTTP response to the clients (browsers).

**Servlet Packages:**

The **package** contains a number of classes and interfaces that describe and define the contracts between a **servlet** class running under the HTTP protocol and the runtime environment provided for an instance of such a class by a conforming **servlet** container.

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| **File** | **Git Link** |
| **Servlet** | <https://github.com/nkenta/cit360/tree/master/Servlet> |

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| **What should I be looking for?** | **Sandbox or Your code?** |
| In this servlet fluency project, I made a simple login form for users. The **index.html** is the webpage where users can enter their username and password. The **web.xml** is used to deploy the file in other to determine how the URL maps to servlets. The **webLogin.java** holds the controls of when user logs in successfully or not. It also holds the the username and password to gain access. As an example, the login details are buyi for both the “**userName**” and “**password**” | Mine |
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