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**Project 1 – CSE 5344**

**Building a Simple Web Client and a Multithreaded Web Server**

**Project folder named “.zip” includes:**

1. server.py (Contains server code)
2. client.py (Contains client code)
3. Test.html (Contains HTML code)
4. ReadMe file

**How to run the program:**

1. Run command prompt and go to the directory where server.py and client.py are located.
2. Run each file in separate command prompts
3. After setting the directory, run the following commands:
4. python server.py
5. python client.py

Instructions:

1. First run the server.py file.
2. Then run the client.py file
3. Then run the HTML code using the url: <http://localhost:8080/Test.html>
4. The HTML file must be saved in the same folder as the server file. HTML file name: Test.html.

Follow the instructions given.

Screenshot of the browser server communication:

A screenshot of a computer

Description automatically generated

**References:**

1. [**https://github.com/suziesu/Computer-Networking/tree/master/assignment1**](https://github.com/suziesu/Computer-Networking/tree/master/assignment1)
2. [**https://www.geeksforgeeks.org/socket-programming-multi-threading-python/**](https://www.geeksforgeeks.org/socket-programming-multi-threading-python/)
3. [**https://www.bogotobogo.com/python/python\_network\_programming\_server\_client\_file\_transfer.php**](https://www.bogotobogo.com/python/python_network_programming_server_client_file_transfer.php)