GitHub repository: <https://github.com/w207762509/jupyter-exploration>

**a. What You Did:**

To start the lab session, I first set up a GitHub account and created a new repository. I then attempted to install Jupyter Notebook via the command line, but encountered issues because "pip is configured with a location that requires TLS/SSL," so I had to download and install Jupyter Notebook separately. Once installed, I launched Jupyter Notebook, created a new notebook, and performed basic operations from the assignment. I am still working on fixing the error or maybe I need professor or other teammates to have a look at my problems.

**b. What I learn:**

In this lab, I was introduced to several new concepts and tools that are crucial for modern programming and data analysis. One of the key things I learned was the importance of version control through GitHub. By creating a repository, I gained hands-on experience with managing different versions of my code and collaborating with others. I found it really useful to track changes and understand how GitHub can help in maintaining the history of a project.

Interactive computing with Jupyter Notebooks was another significant learning experience. I discovered how Jupyter Notebooks allow you to write and run code in a more interactive way, combining code, comments, and visualizations all in one place. This approach makes it easier to document my work and see results immediately, which is great for learning and experimenting.

However, I did face some challenges, particularly with installing Jupyter Notebook. I encountered an issue where "pip is configured with a location that requires TLS/SSL," which prevented me from installing Jupyter Notebook directly from the command line. To overcome this, I had to download and install Jupyter Notebook manually from the official website. As mentioned earlier, I will try to install Jupyter properly and completed other Github extension as needed to work on future group projects