<https://github.com/quyendinh096/jupyter-exploration..git>

**a. What You Did:**

During the lab session, I undertook several key tasks to get familiar with GitHub and Jupyter Notebook. Here’s a summary of the steps:

Setting Up GitHub Account:

* I created a GitHub account by signing up on the GitHub website.
* After setting up my profile, I verified my email address to complete the registration process.

Creating a Repository:

* Logged into my GitHub account, I created a new repository named “jupyter-exploration”
* I initialized the repository with a README file to document the purpose of the repository.

Installing Jupyter Notebook:

* I installed Python first then I installed Jupyter Notebook by downloading it from the official website and following the installation instructions.
* After installation, I launched Jupyter Notebook.
* I installed python environments.
* Restarted Jupyter lab.
* I created a new Jupyter Notebook file in the "My\_First\_Notebook" repository.
* I performed basic operations such as creating and running cells, writing simple Python code, and documenting the steps with markdown cells.
* I saved the notebook and committed the changes to my GitHub repository.

**b. What You Learned:**

* I learned that repositories are used to organize and store project files on GitHub.
* Commits are used to record changes to these files, helping keep track of different versions of the project.
* I discovered how to create and manage Jupyter Notebooks.
* I learned to run cells to execute code and use built-in tools for data visualization and analysis.
* Jupyter Notebooks can be linked with GitHub for version control.
* Changes to notebooks can be tracked and shared on GitHub, making collaboration easy and maintaining a history of modifications.
* Jupyter Notebooks provide an interactive environment for writing and executing code
* The challenge was configuring the Jupyter Notebook to recognize the correct Python environment. I solved this by managing correct Python environments.