L02

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**Exploring GitHub and Using Jupyter Notebook**

GitHub is a cloud-based code hosting platform where developers can host, collaborate, and share their codes with other developers globally. Here are some basics functions and uses of GitHub:

* Coordinates - tracks and update work / work efficiently,
* Increases safety - with packages
* Effective team management – issue and pull request locking
* Improves new code – items can be discussed before changing code
* Increased code safety - analyze and identify vulnerabilities to the code
* Easy code hosting – codes and documentation all in one place

Since I already have a GitHub account and have already installed Jupyter Notebook, my steps for completing this assignment are below:

* I logged into my GitHub account and created a repository for class.
* I ensured my repository was public and copied the link below

Here’s a link to my GitHub repository:

<https://github.com/Favourasu123/jupyter-exploration>

Jupyter Notebook is a user-friendly platform that enables interactive and collaborative programming. It has live code, visualizations, and explanatory text, making it easy to understand.

**Reflection:**

It was fun to learn the tools available in Jupyter Notebook. How to create headers and add special characters into coding cells is something I had never done before. Additionally, GitHubs version control is as handy as the control z button on my keyboard. It ensures that I can develop and explore coding without the fear of messing up.

While completing the challenge part of the lab, I checked the LaTex documentation page to see instructions on how to complete the lab but the page was too complicated for me. To overcome this problem, I quickly went into ChatGPT and prompted it with how to input special characters in Python using LaTex. This helped me complete the challenge.