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LAB 02 Personal Report

Creating something is always intriguing to me, so I decided to create an account for GitHub. Going through the GitHub is something that is different from a typical website, being able to publish and elevate programming in an easy yet vast website sounds exciting. For the first addition of this lab, I had to make a new repository and name it as “jupyter-exploration” and create with a README. thought about making a description for the lab session but seemed too less to think about at that time. By the instructions, I decided to download jupyter through a website. For that to happen, I searched Anaconda distribution and downloaded it. With the navigator which was apparently not updated (later updated), I had to make a new account and then launched the jupyter notebook for me to utilize and went back to my web browser (Opera GX). Created a new notebook as the name “My\_First\_Notebook”. Cells are the container for the text or code that is going to written and there are three types of cells: code cells, markdown cells, and raw cells. Code cells are used to write and execute the code written. The markdown cells are used to write text in a formatted way, using markdown syntax. I went ahead and created a simple code (print(“Hello, World!”)) and ran it. For the markdown cell, I wrote (this is my first markdown cell in jupyter). Saved the notebook with the little save button and uploaded the file in my repository. As for the new concepts and tools, the introduction to GitHub and jupyter and as for the version control for GitHub is the records for the changes to a file or set of files over time so that you can recall specific versions later. Interactive computing allows me to write and execute code in real-time, making it easy to explore data and experiment with different algorithms and models. As for the challenges was probably due to the hardware problems I had downloading anaconda. The time where I made my repository private and didn’t know how to change and lastly, getting confused for how the notebook truly worked but later gained understanding for it.