Assignment 5

The Windows set up on my end was impossible since I am using an earlier generation processor. But I know how to go around the loading a new OS.

Git repository I created by using the commands.

<mkdir Commit 1- create directory.

<cd Commit 1 -create directory.

<git init – to initialize Git

<git add Firstrun.txt

<git add readme.md

<git commit –m “Firstrun”- committing the files.

IDE extensions.

Python- provides syntax highlighting and other python functionalities.

Javascript code snippets- enhances JS developments with syntax highlighting.

Pylint- provides linting for Python.

Pylance- offers autocompletion, does code diagnostics and code auto completions.

Python Formatting- code formatter for Python and comes inbuilt in the Python extension.

Extension installations are done by pressing ctrl+shift+x shortcut or by clicking on the extensions icon on the activity bar. The desired extension name is then looked up afterwhich the ‘Install’ option is picked.

I encountered no errors while installing Python from the main website and on VS code too where I have the Python extension.

Git Repo

I had a running GitHub account from before from personal learning though I hadn’t explored further from the surface. Installed Git after downloading the installer. Still finding my way around Bash. Yet to dive into the GUI and CMD.

Installing MySQL proved to be the toughest to do due to how green I am on it.

The first step is to download MySQL installer which is found by browsing the same and choosing the best suited as per your OS. This is followed by running the installer after locating the downloaded file (in my case it was in the downloads though I later moved it to Disk C:/)

I chose the Server Only option in setup type then clicked next (this happened to be a mistake which I corrected later on realising I didn’t have the workbench loaded. Found it later by choosing the custom option). The configuration was as per the prompts and as shown in the class (though I am looking forward to when we are going to uninstall it for a more serious dive in, hopefully soon)

Development environments/VE.

I had installed Docker from a project I had been doing early 2022. The main problem encountered was with the running. I had to enable virtualization which was off, then open ports to enable connection (this was a particular headache as the default ports did not connect and I had to edit those to another range)