1. Select Your Operating System (OS): Choose an operating system that best suits your preferences and project requirements. Download and Install Windows 11. https://www.microsoft.com/software-download/windows11

My machine came with windows 11 already installed

Windows specifications

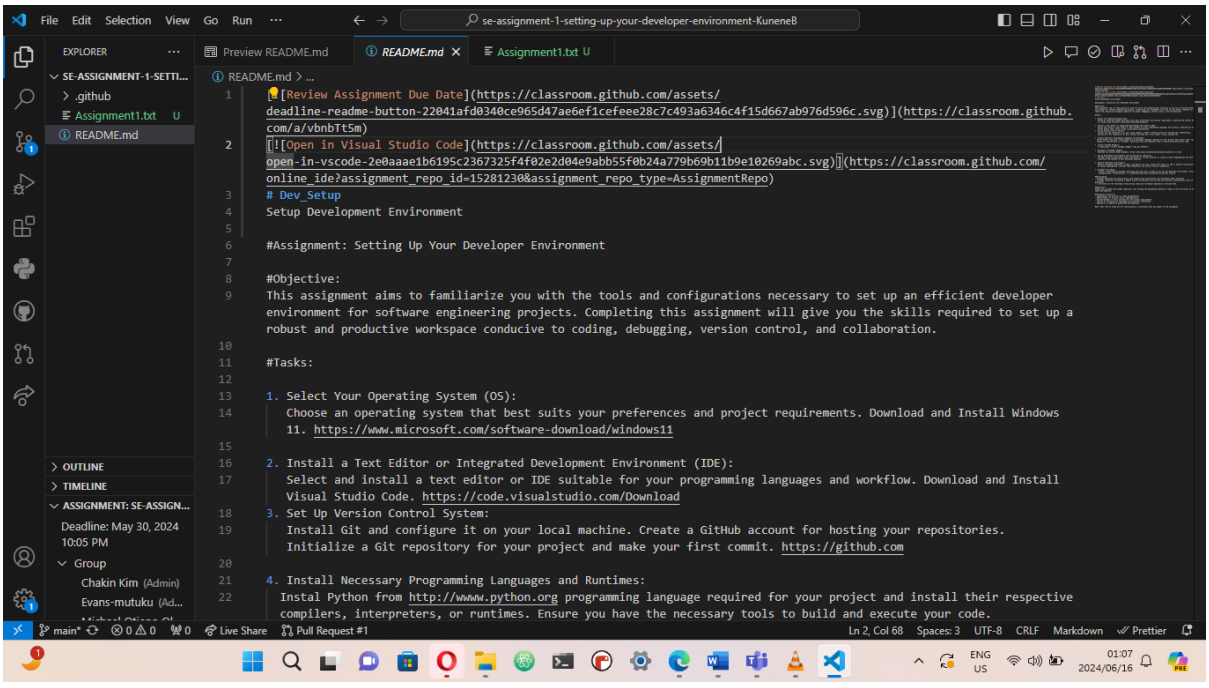
Edition	Windows 11 Home Single Language
Version	22H2
Installed on	2023/07/08
OS build	22621.3593
Experience	Windows Feature Experience Pack 1000.22700.1003.0

Microsoft Services Agreement
Microsoft Software License Terms

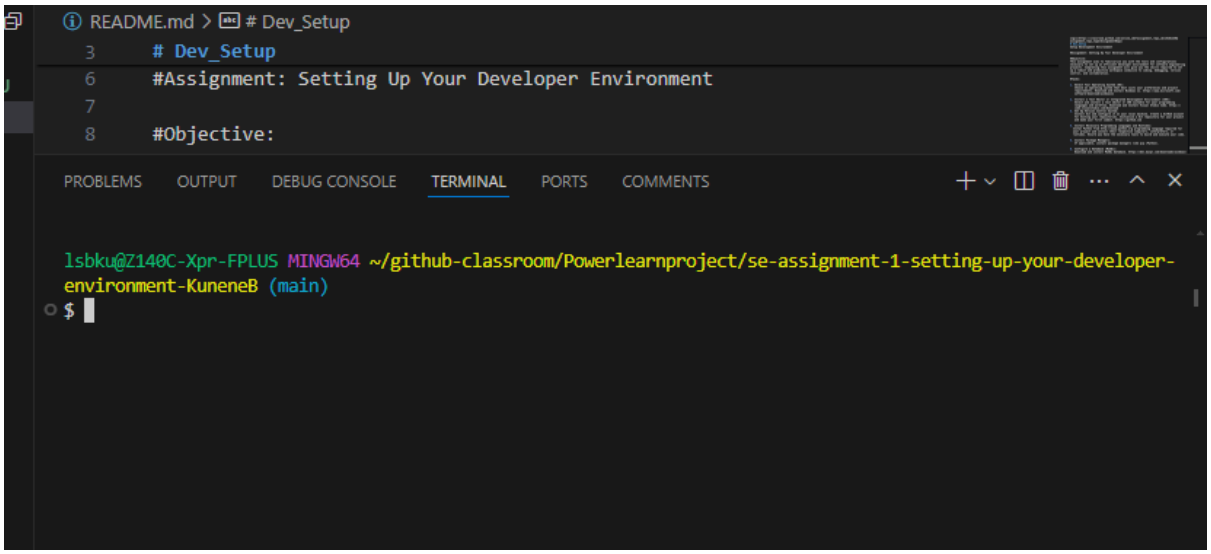
Support

Manufacturer	Mecer
Phone	011-2371919
Hours	8:00~17:00
Website	Online support

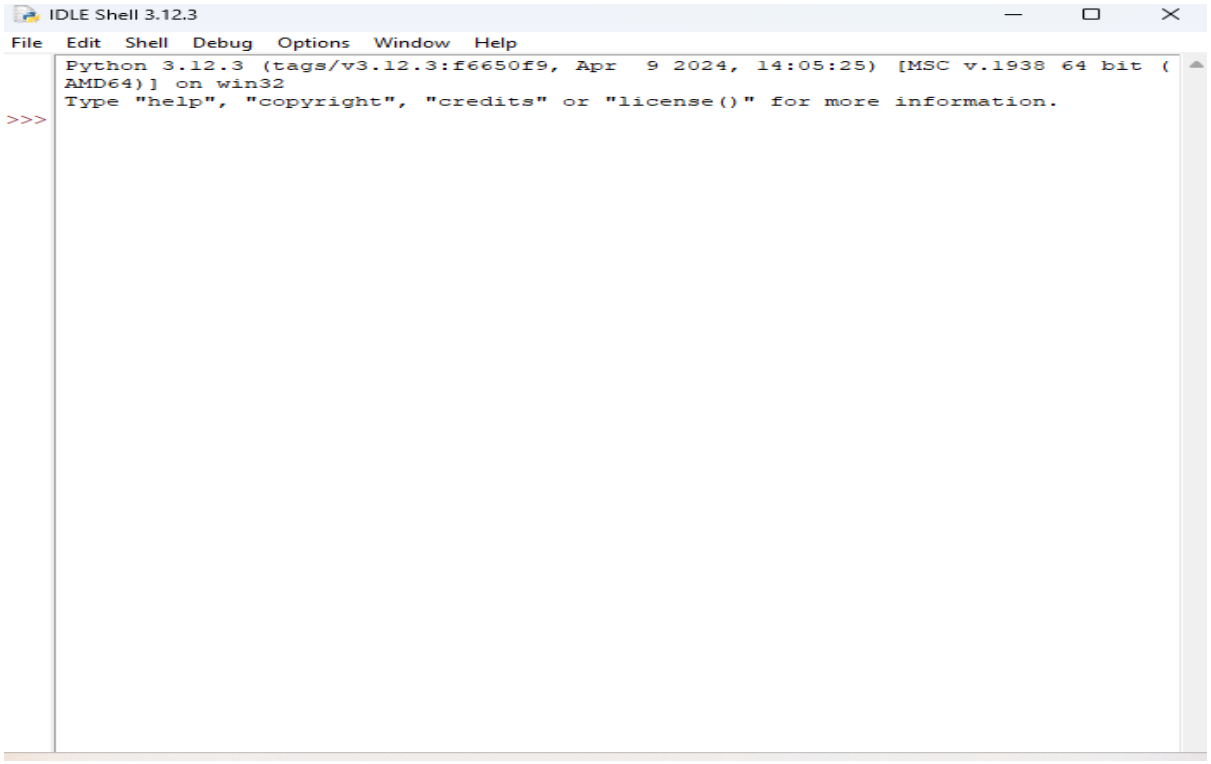
2. Install a Text Editor or Integrated Development Environment (IDE): Select and install a text editor or IDE suitable for your programming languages and workflow. Download and Install Visual Studio Code. https://code.visualstudio.com/Download



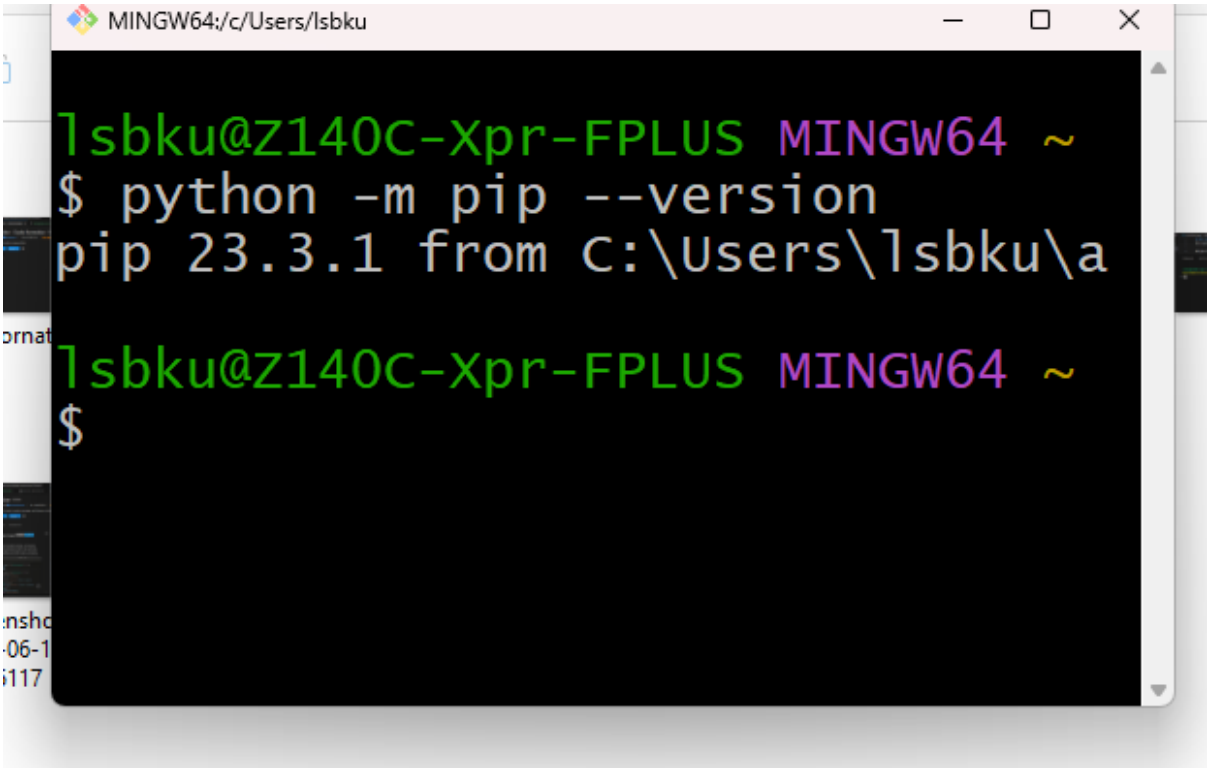
3. Set Up Version Control System: Install Git and configure it on your local machine. Create a GitHub account for hosting your repositories. Initialize a Git repository for your project and make your first commit. https://github.com



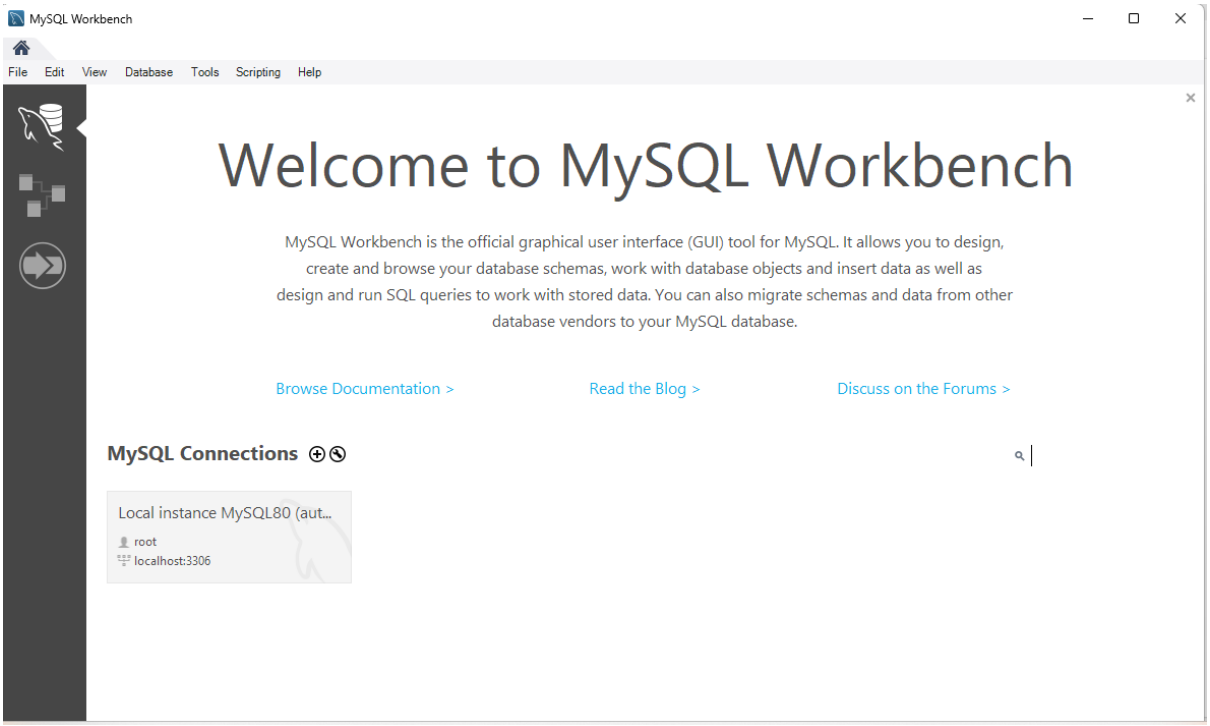
4. Install Necessary Programming Languages and Runtimes: Instal Python from http://wwww.python.org programming language required for your project and install their respective compilers, interpreters, or runtimes. Ensure you have the necessary tools to build and execute your code.



5. Install Package Managers: If applicable, install package managers like pip (Python)

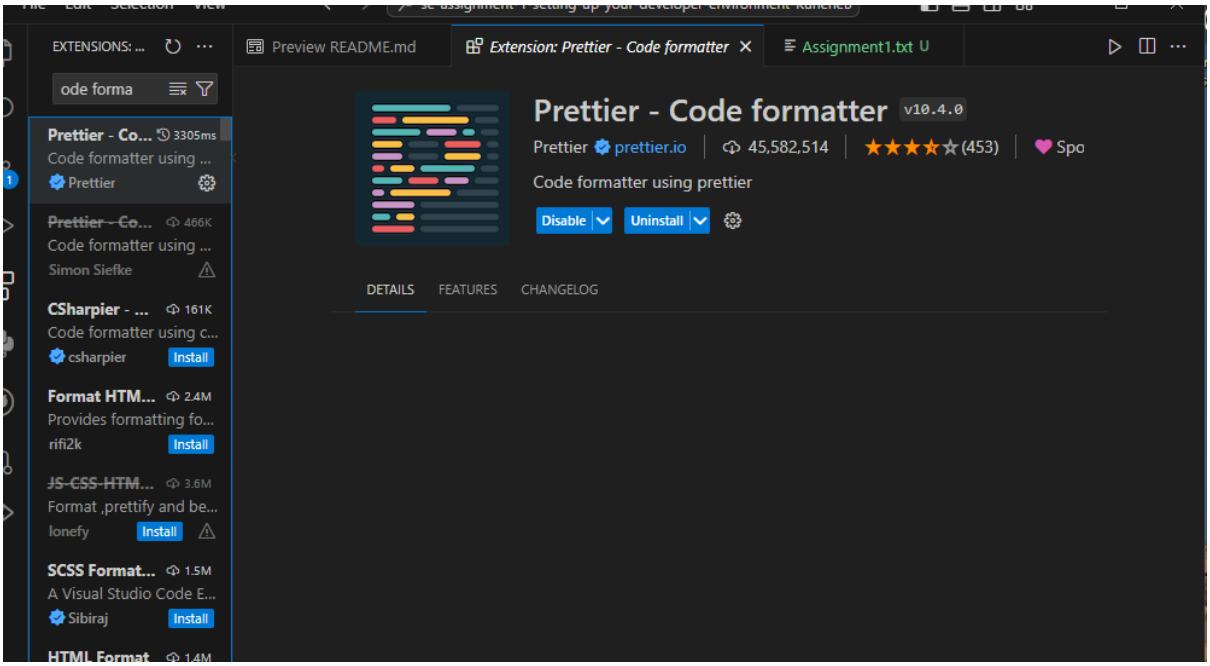


6. Configure a Database (MySQL): Download and install MySQL database. https://dev.mysql.com/downloads/windows/installer/5.7.html



7. Set Up Development Environments and Virtualization (Optional): Consider using virtualization tools like Docker or virtual machines to isolate project dependencies and ensure consistent environments across different machines.

8. Explore Extensions and Plugins: Explore available extensions, plugins, and add-ons for your chosen text editor or IDE to enhance functionality, such as syntax highlighting, linting, code formatting, and version control integration.



Summary

I followed the instructor’s steps in installing most of the softwares, as a result I didn’t encounter many challenges except when it came to MySQL where I was given an alternative link by my fellow learner on a WhatsApp group