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Assignment 1

Developer Environment Setup Documentation

1. Operating System

Windows 10 to Windows 11 Update

1. My current Operating system is Windows 10
2. I have updated my Pc OS to Windows 11 pro
   - **Steps to Update:**
     1. I created a bootable drive with Windows 11 from another PC.
     2. After creating the bootable drive, I ejected it from that PC.
     3. I later ran the bootable drive on my laptop.
     4. I inserted the drive while the PC was off, then later I turned it on while the drive was still in.
     5. I then set the boot order to start from the USB flash drive with the windows 11 installation files, I saved the changes and proceeded with the setup.
     6. I then later followed the on-screen instructions and completed the installation process.
     7. Later I checked if the windows is active

2. Text Editor or Integrated Development Environment (IDE)

Visual Studio Code

Installation Steps:
  - I visited the Visual Studio Code Download Page (https://code.visualstudio.com/Download).
  - I downloaded the installer for Windows.
  - I ran the installer and followed the setup wizard to complete the installation.
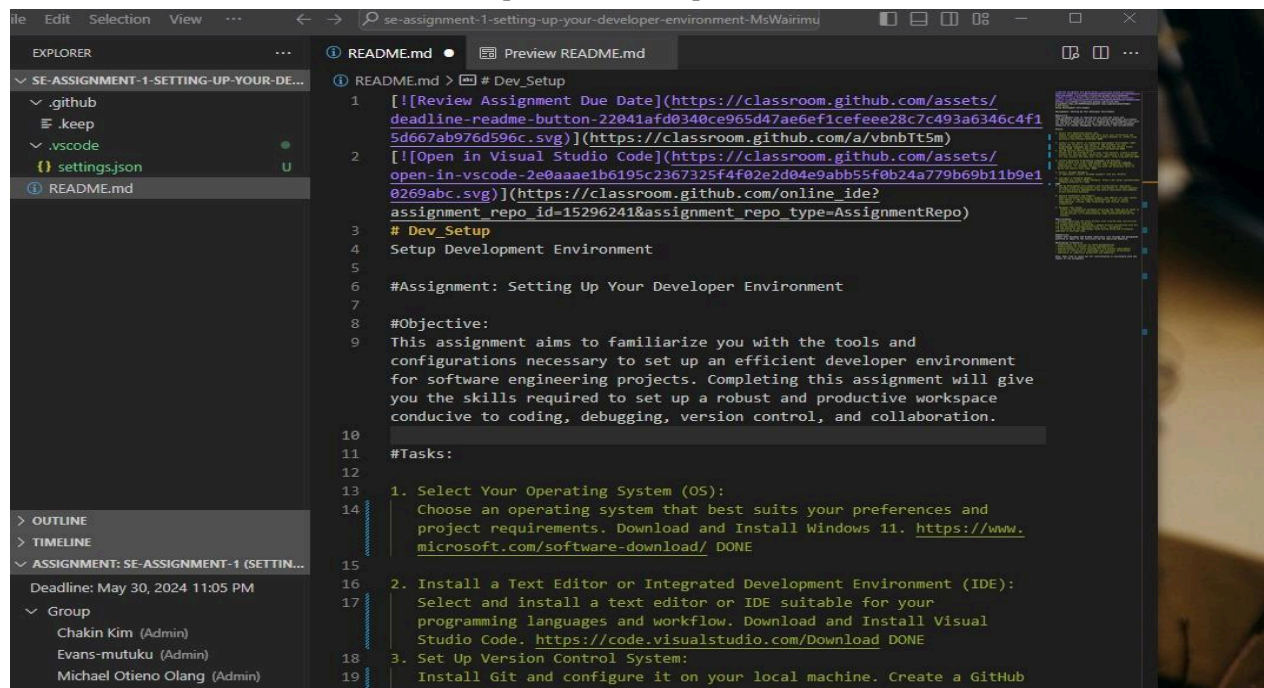
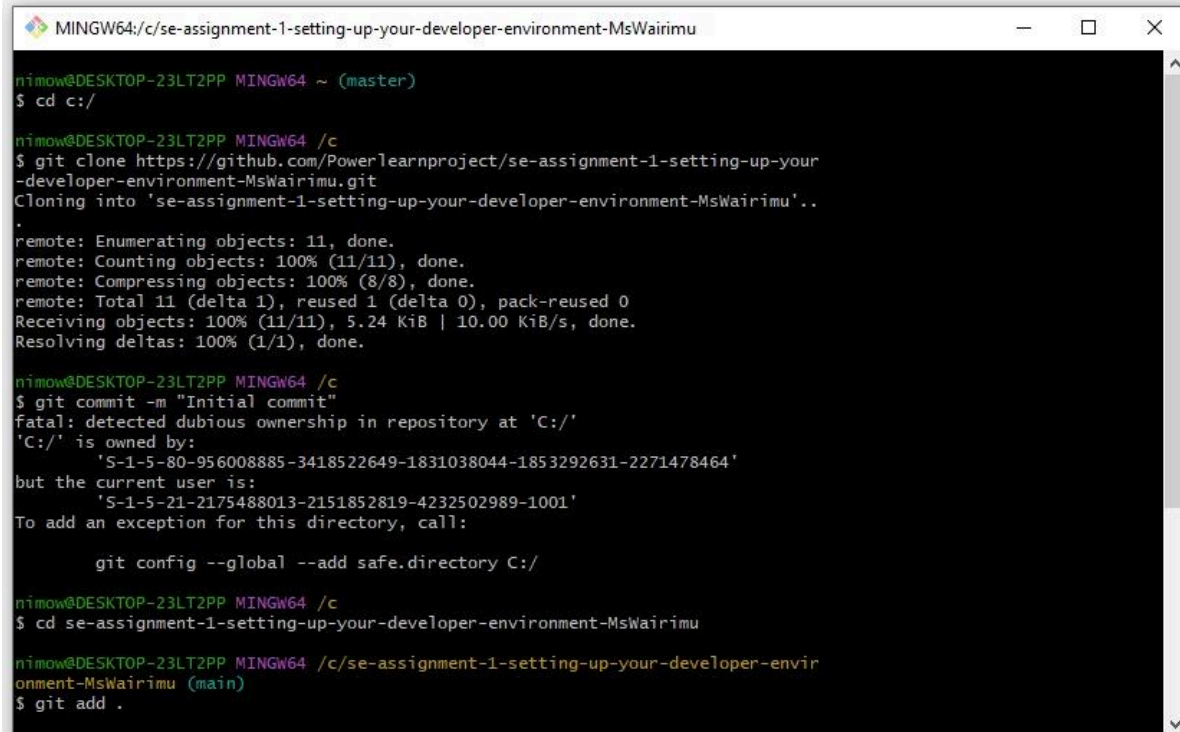# 3. Version Control System

Git

Download and Installation:
  - I browsed and went to the Git Download Page (https://git-scm.com/downloads).
  - I downloaded the appropriate installer for Windows.
  - I ran the installer and followed the setup wizard to complete the installation.

4. GitHub

1. Create GitHub Account:

 - I visited GitHub (https://github.com), about a year ago.
 - I signed up for a new account by providing the required information.
 - I verified my email address to complete the registration.
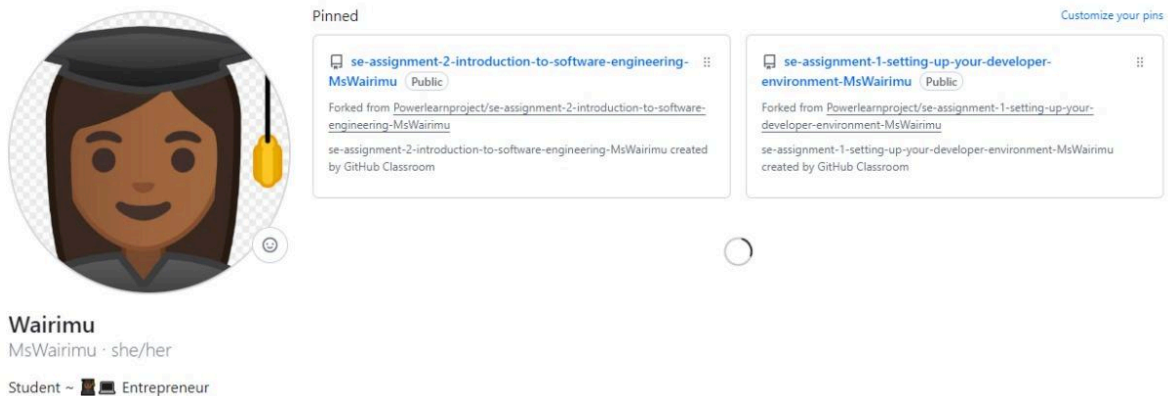
2. Clone a Repository:

 - I opened the terminal (git).
 - I navigated to the directory where I wanted to clone the repository.
 - I ran the following command:
        - git clone https://github.com/username/repository.git
        - I replaced `https://github.com/username/repository.git` with the actual URL of the repository to
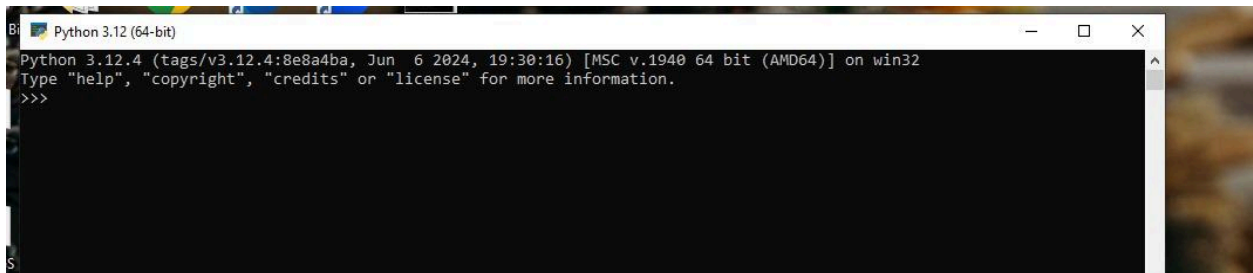be cloned.

5. Programming Languages and Runtimes

Python

1. Download and Installation:
   - I visited the Python Download Page (https://www.python.org).
   - I downloaded the latest version for Windows.
   - I ran the installer and ensured to check the option "Add Python to PATH".
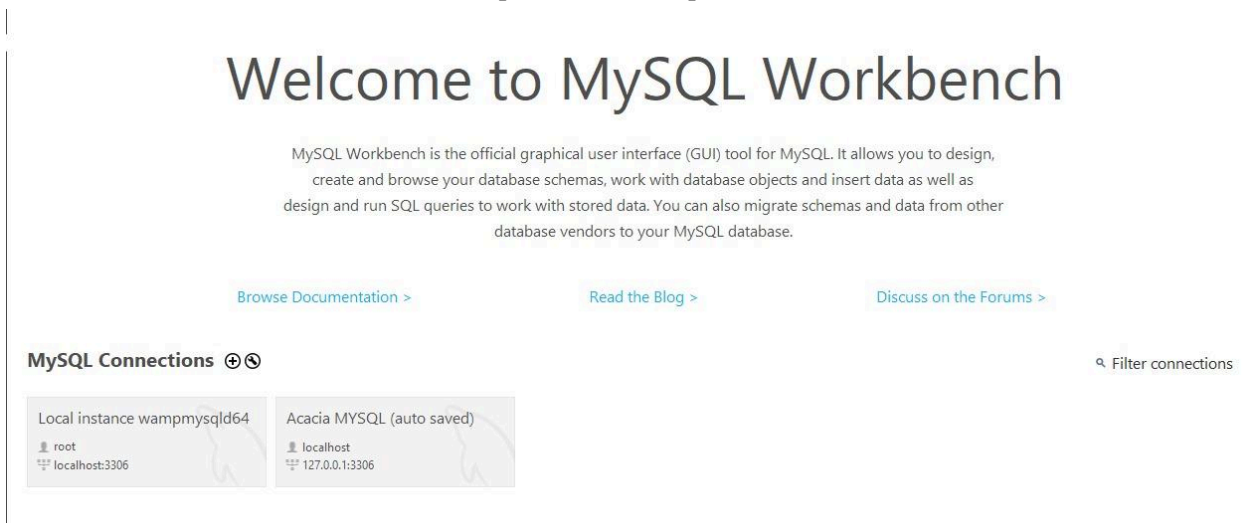   - I followed the setup wizard to complete the installation.

6. Database

MySQL

1. Download and Installation:
   - I visited the MySQL Installer Page
   - I downloaded the installer.
   - I ran the installer and followed the setup wizard to complete the installation.

WAMP

- - I visited the WAMP download page
- - I followed the steps and installed the WAMP version that's compatible with my PC's specs.
- - After installation, I ran the application to make sure that its functioning.

Exploring Extensions:

- I opened Visual Studio Code.
- I clicked on the Extensions icon in the sidebar or pressed `Ctrl+Shift+X`.
- I searched for and installed the following recommended extensions:
-The following extensions are the ones I managed to install.