

# Kabuu Charity

## 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:**

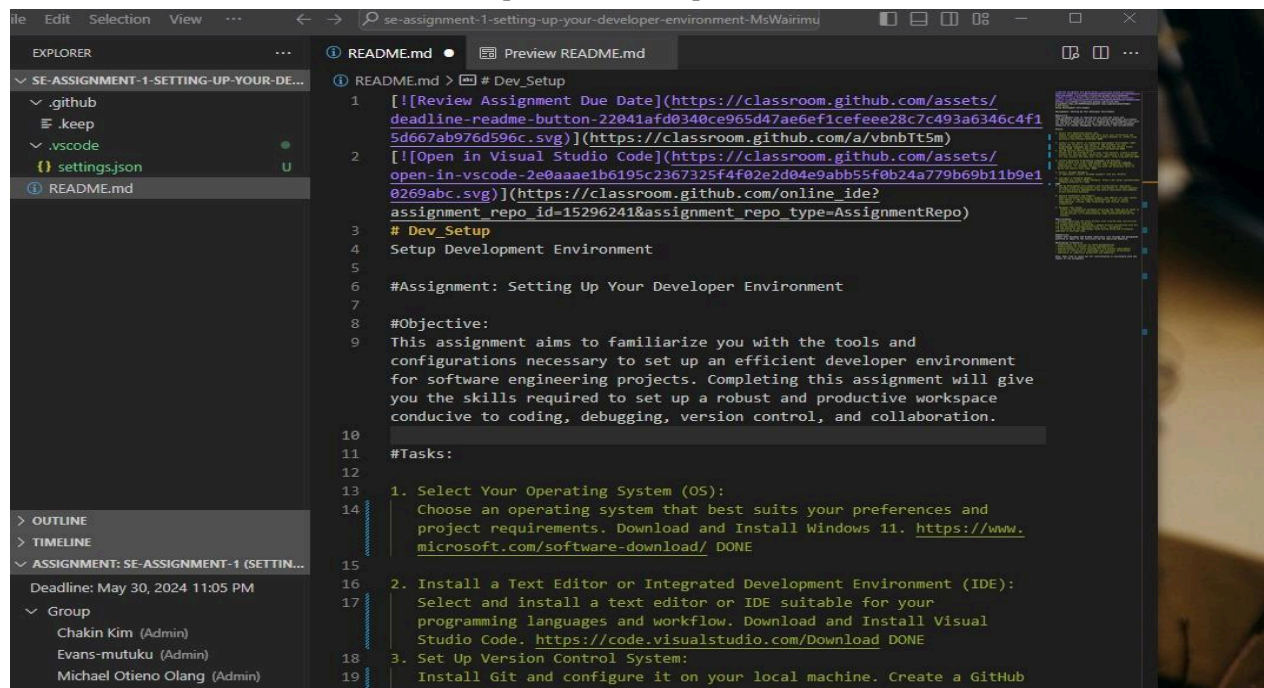
1. I created a bootable drive with Windows 11 from another PC.
2. After creating the bootable drive, I ejected it from that PC.
3. I later ran the bootable drive on my laptop.
4. I inserted the drive while the PC was off, then later I turned it on while the drive was still in.
5. I then set the boot 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.

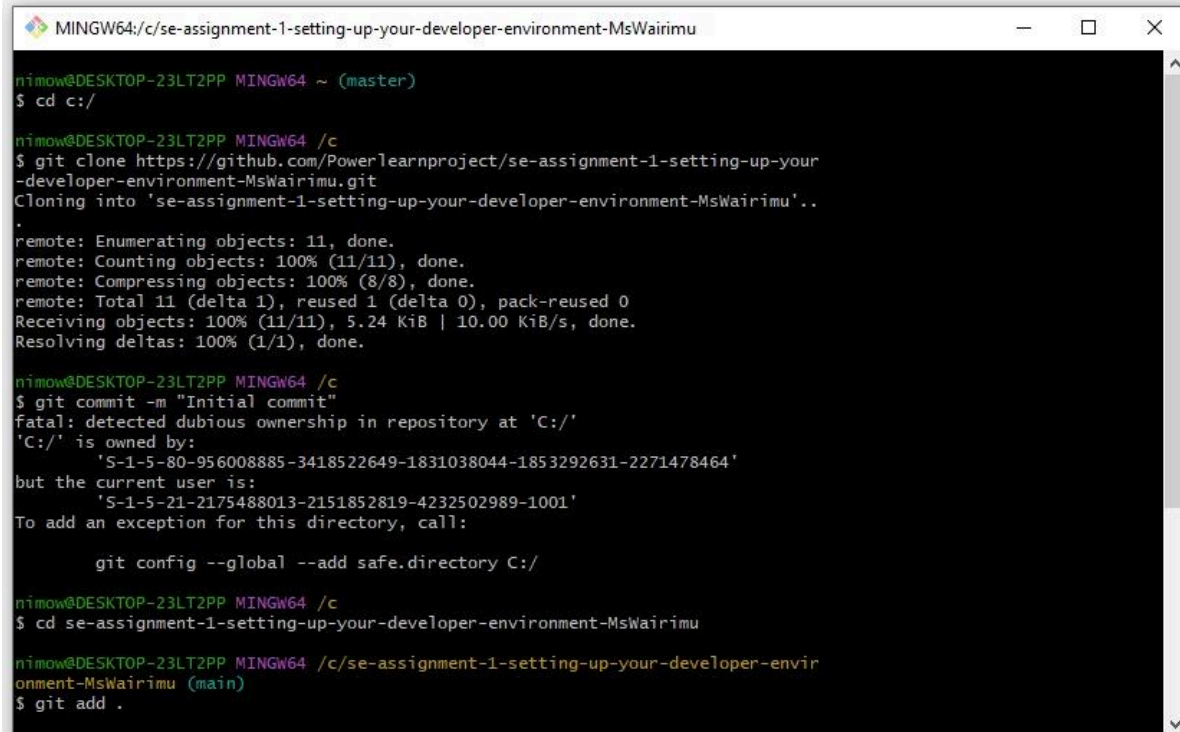


### 3. Version Control System

#### 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.

A screenshot of a Windows command prompt window titled "MINGW64: c:/se-assignment-1-setting-up-your-developer-environment-MsWairimu". The window shows the following commands and output:

```
nimow@DESKTOP-23LT2PP MINGW64 ~ (master)
$ cd c:/

nimow@DESKTOP-23LT2PP MINGW64 /c
$ git clone https://github.com/Powerlearnproject/se-assignment-1-setting-up-your-developer-environment-MsWairimu.git
Cloning into 'se-assignment-1-setting-up-your-developer-environment-MsWairimu'..
remote: Enumerating objects: 11, done.
remote: Counting objects: 100% (11/11), done.
remote: Compressing objects: 100% (8/8), done.
remote: Total 11 (delta 1), reused 1 (delta 0), pack-reused 0
Receiving objects: 100% (11/11), 5.24 KiB | 10.00 KiB/s, done.
Resolving deltas: 100% (1/1), done.

nimow@DESKTOP-23LT2PP MINGW64 /c
$ git commit -m "Initial commit"
fatal: detected dubious ownership in repository at 'C:/'
'C:/' is owned by:
'S-1-5-80-956008885-3418522649-1831038044-1853292631-2271478464'
but the current user is:
'S-1-5-21-2175488013-2151852819-4232502989-1001'
To add an exception for this directory, call:

    git config --global --add safe.directory C:/

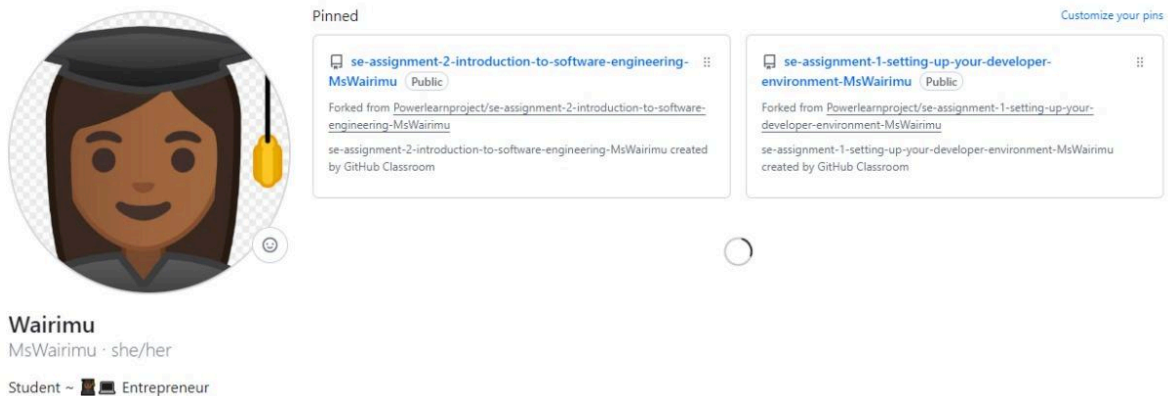
nimow@DESKTOP-23LT2PP MINGW64 /c
$ cd se-assignment-1-setting-up-your-developer-environment-MsWairimu

nimow@DESKTOP-23LT2PP MINGW64 /c/se-assignment-1-setting-up-your-developer-environment-MsWairimu (main)
$ git add .
```

## 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.

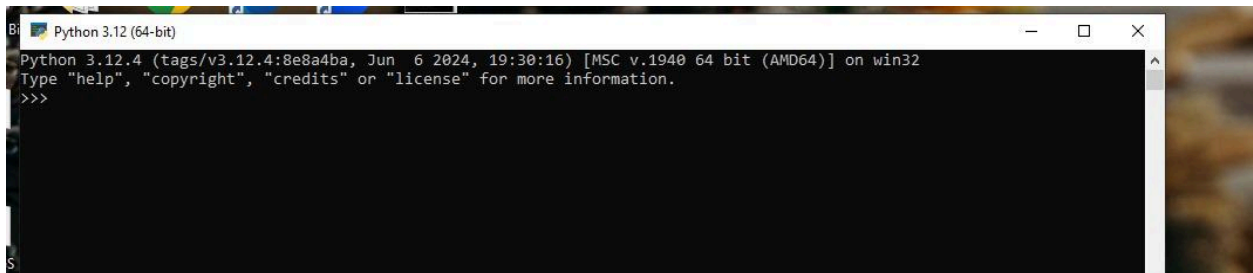
Program Files (x86)	2/28/2024 8:56 PM	File folder
se-assignment-1-setting-up-your-develo...	6/19/2024 9:47 PM	File folder
se-assignment-2-introduction-to-softwa...	6/11/2024 11:00 PM	File folder
Users	3/14/2024 1:13 AM	File folder

## 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.

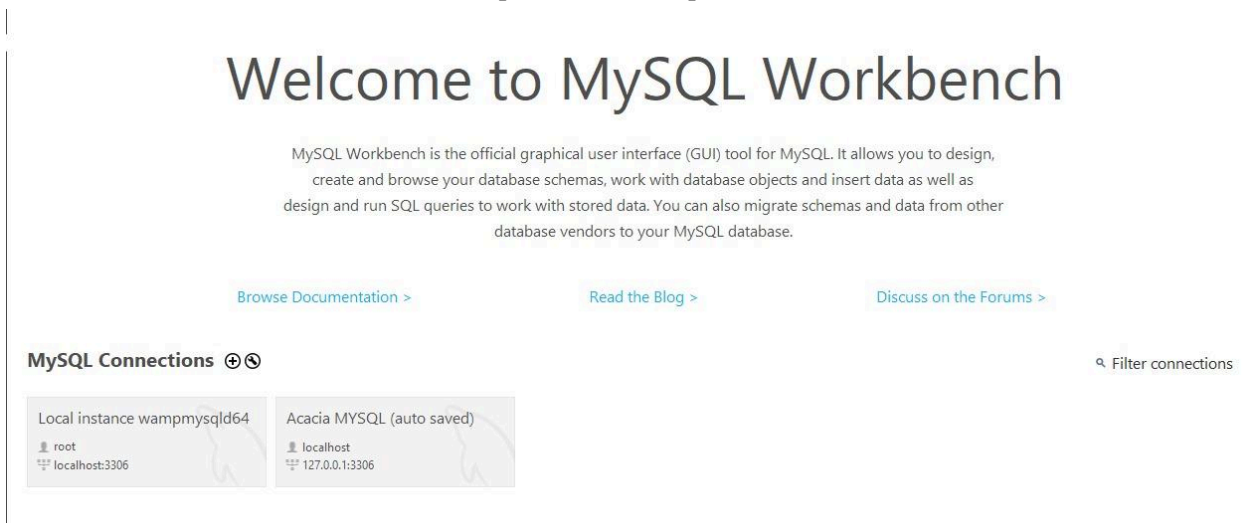


## 6. Database

### 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.

