

Setup Documentation

Table of content.

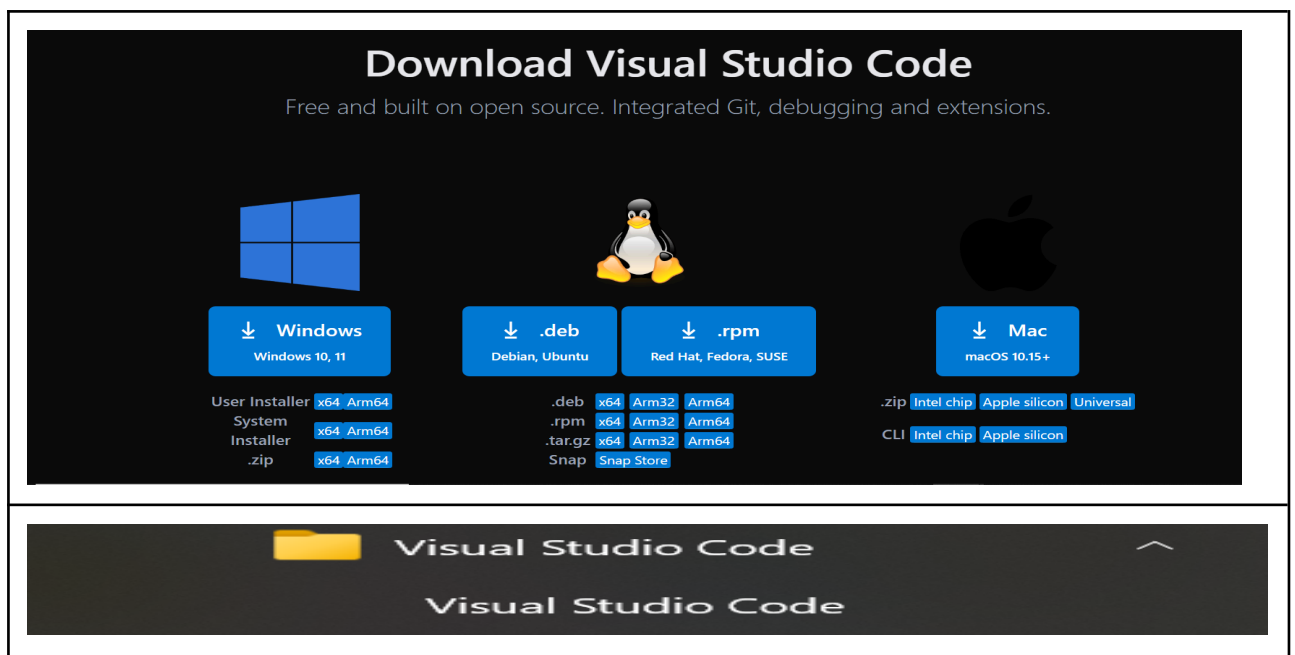
Table of content.....	1
1. Download windows 11.....	1
2. Text Editor/IDE Installation.....	1
3. Version Control System Setup.....	2
4. Programming Languages and Runtimes.....	2
5. Database Configuration.....	3
6. Development Environments and Virtualization.....	3
7. Extensions and Plugins.....	4
8. Challenges and Solutions.....	4

1. Download windows 11

- Already has windows 10 installed on the pc.

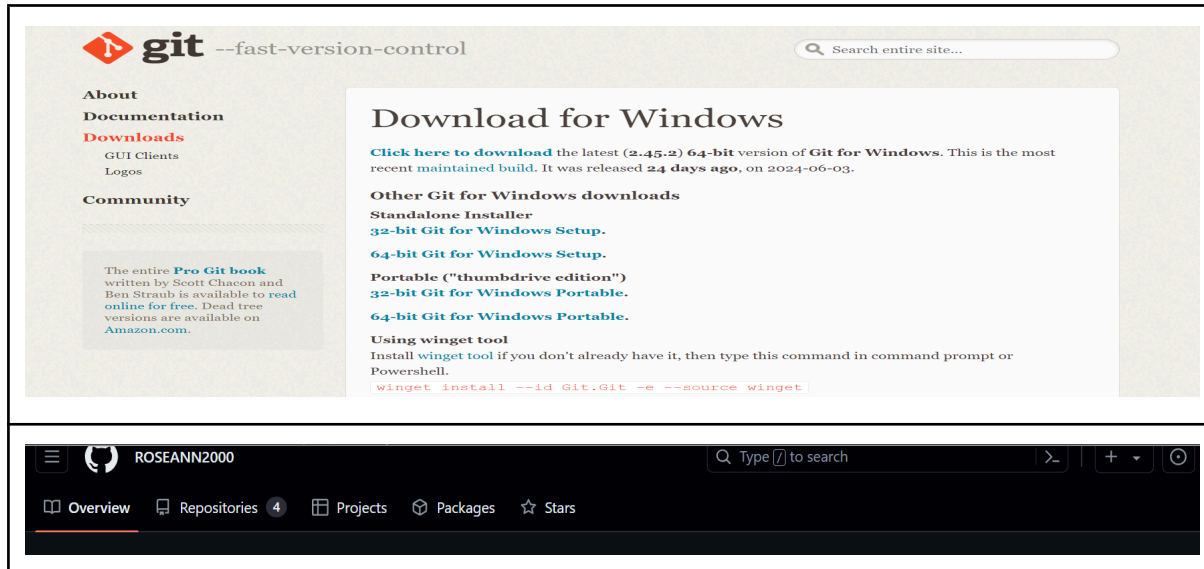
2. Text Editor/IDE Installation

- Already had Visual Studio Code installed on pc from previous classes.
- Steps: Went to Windows Edge and searched Visual Studio code.
- Downloaded Visual Studio Code for windows.
- Run the installer and follow the setup wizard to complete the installation.



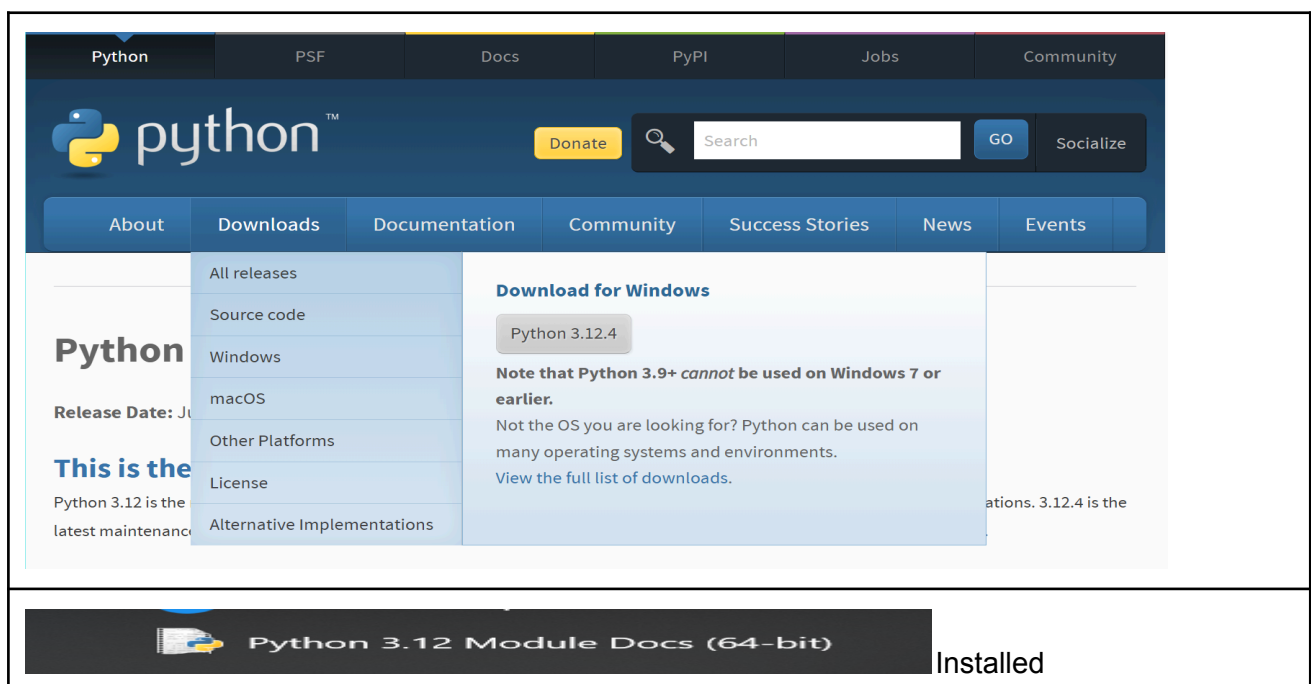
3. Version Control System Setup

- Installed Git
- Configured Git user details
- Created a GitHub account
- Initialised a Git repository



4. Programming Languages and Runtimes

- Installed Python
- Verified Python and installed pip



5. Database Configuration

- Downloaded and installed MySQL
- Basic configuration and setup

 **MySQL Community Downloads**

 MySQL Installer

General Availability (GA) ReleasesArchives



MySQL Installer 5.7.44

**Note:** MySQL 8.0 is the final series with MySQL Installer. As of MySQL 8.1, use a MySQL product's MSI or Zip archive for installation. MySQL Server 8.1 and higher also bundle MySQL Configurator, a tool that helps configure MySQL Server.

Select Version:

5.7.44

Select Operating System:

Microsoft Windows

 **MySQL**

 **MySQL Installer - Community**

6. Development Environments and Virtualization

- Installed Docker

Docker Desktop

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 **Docker Desktop**

7. Extensions and Plugins

- Opened VS Code, went to the Extensions view by clicking the Extensions icon in the Activity Bar and installed the following extensions:

Python:

- Searched for "Python" and clicked "Install".

GitLens:

- Searched for "GitLens" and clicked "Install".

Prettier - Code formatter:

- Searched for "Prettier" and clicked "Install".

ESLint:

- Searched for "ESLint" and clicked "Install".
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8. Challenges and Solutions

- My pc can't support Windows 11. For this issue , I decided to use Windows 10 instead.
- The installation of Docker was also a challenge. I read through the installation notes once more taking notes on where to click and what not to do.