1. Selecting my operating system.

Windows Update

You're up to date
Last checked: Today, 10:10 AM

Check for updates

View optional updates

This PC doesn't currently meet the minimum system requirements to run Windows 11

Get the details and see if there are things you can do in the PC Health Check app.

- Apparently i cant install windows 11 because my core is not up-to-date.

But if i was to install i would have gone to https://www.microsoft.com/software-download/windows11.

Download Windows 11 (Current release: Windows 11 2023 Update l Version 23H2)

There are 3 options below for installing or creating Windows 11 media. Check out each one to determine the best option for you.

Before installing, please refer to the **PC Health Check** app to confirm your device meets the minimum system requirements for
Windows 11 and check the **Windows release information status** for known issues that may affect your device.

Windows 11 Installation Assistant

This is the best option for installing Windows 11 on the device you're currently using. Click **Download Now** to get started.

(+) Before you begin using Installation Assistant

Download Now

2. On the text editor i choose visual studio, here is the link i used to download
https://code.visualstudio.com/Download

Download Visual Studio Code

Free and built on open source. Integrated Git, debugging and extensions.

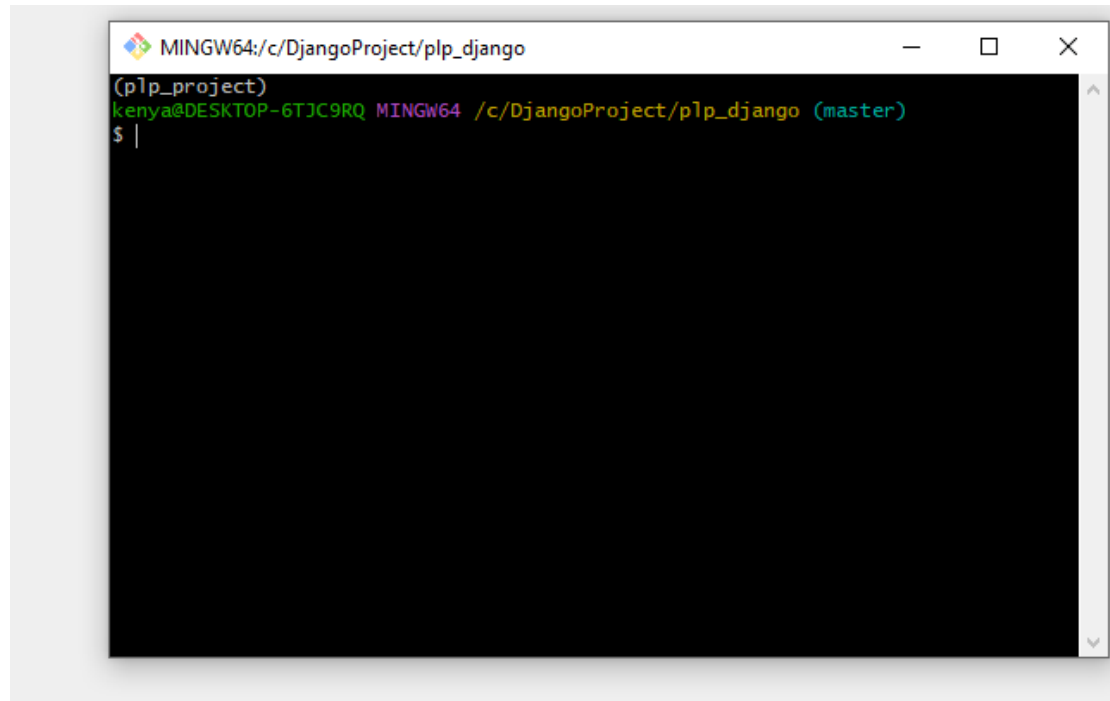|						
User Installer	x64	Arm64		.deb	x64	Arm32	Arm64
System Installer	x64	Arm64		.rpm	x64	Arm32	Arm64
.zip	x64	Arm64		.tar.gz	x64	Arm32	Arm64
				Snap	Snap Store	
CLI	x64	Arm64		CLI	x64	Arm32	Arm64

I choose the windows one and i followed the steps, i set up my enviroment as my instructors Chakin ans Dave demonstrated, installed the right extensions
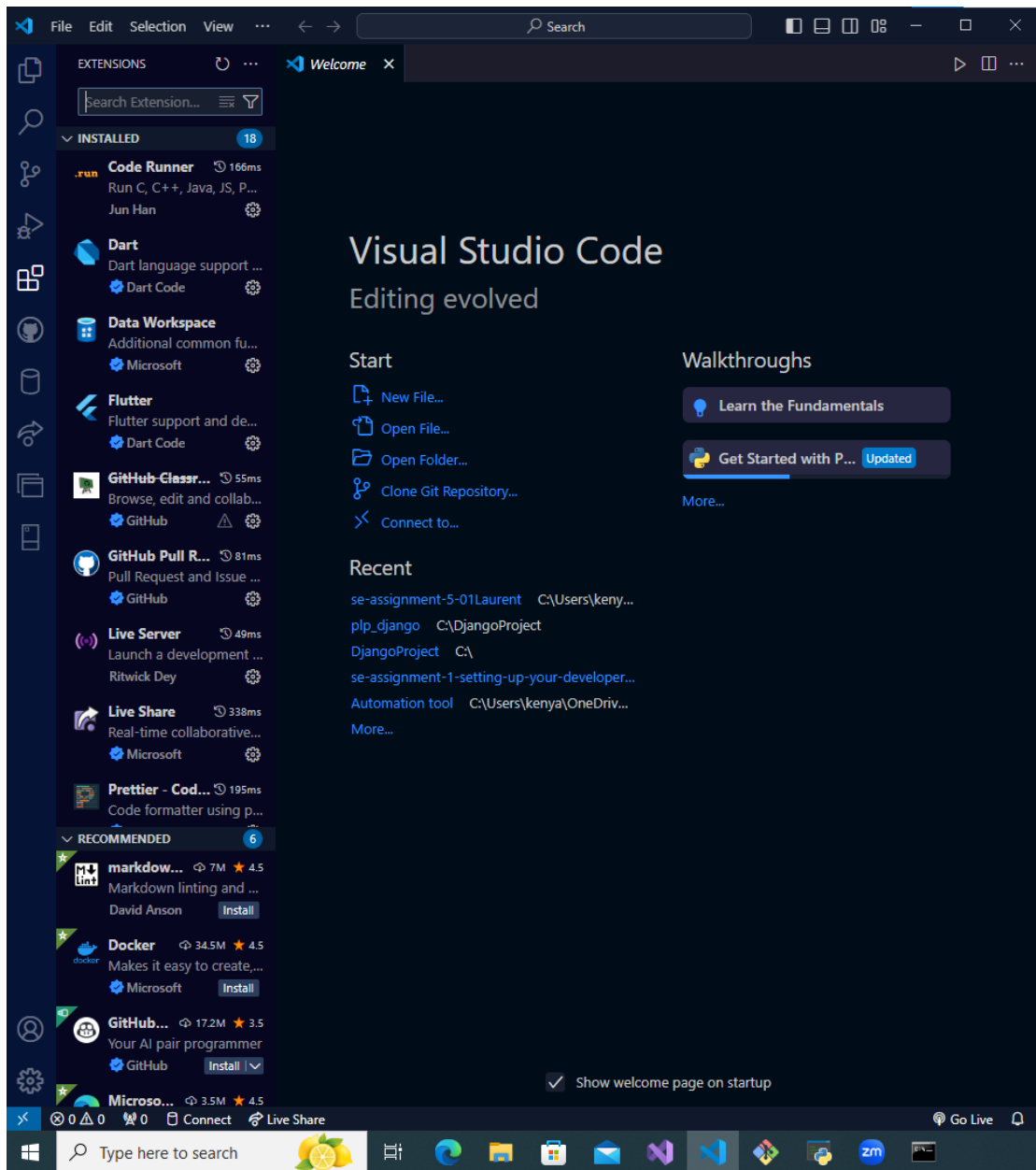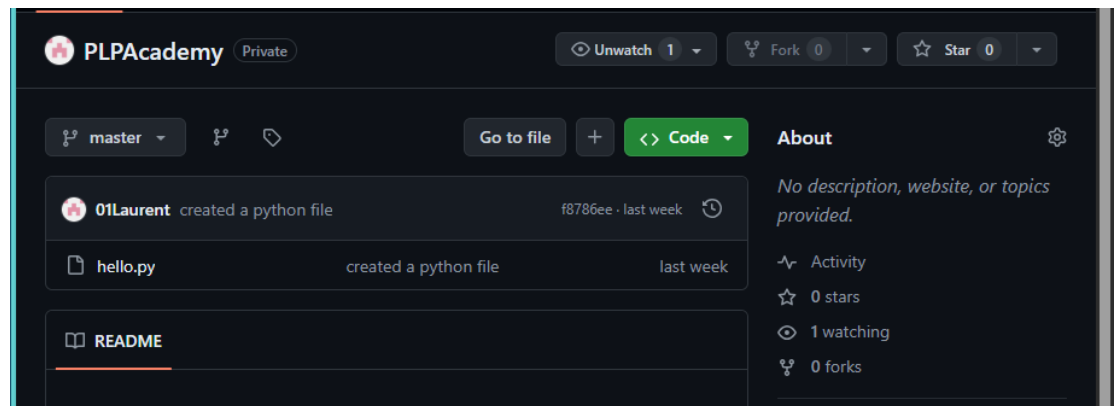
Here is how my environment looks like.

3. I installed Git bash and connected it to my git hub account
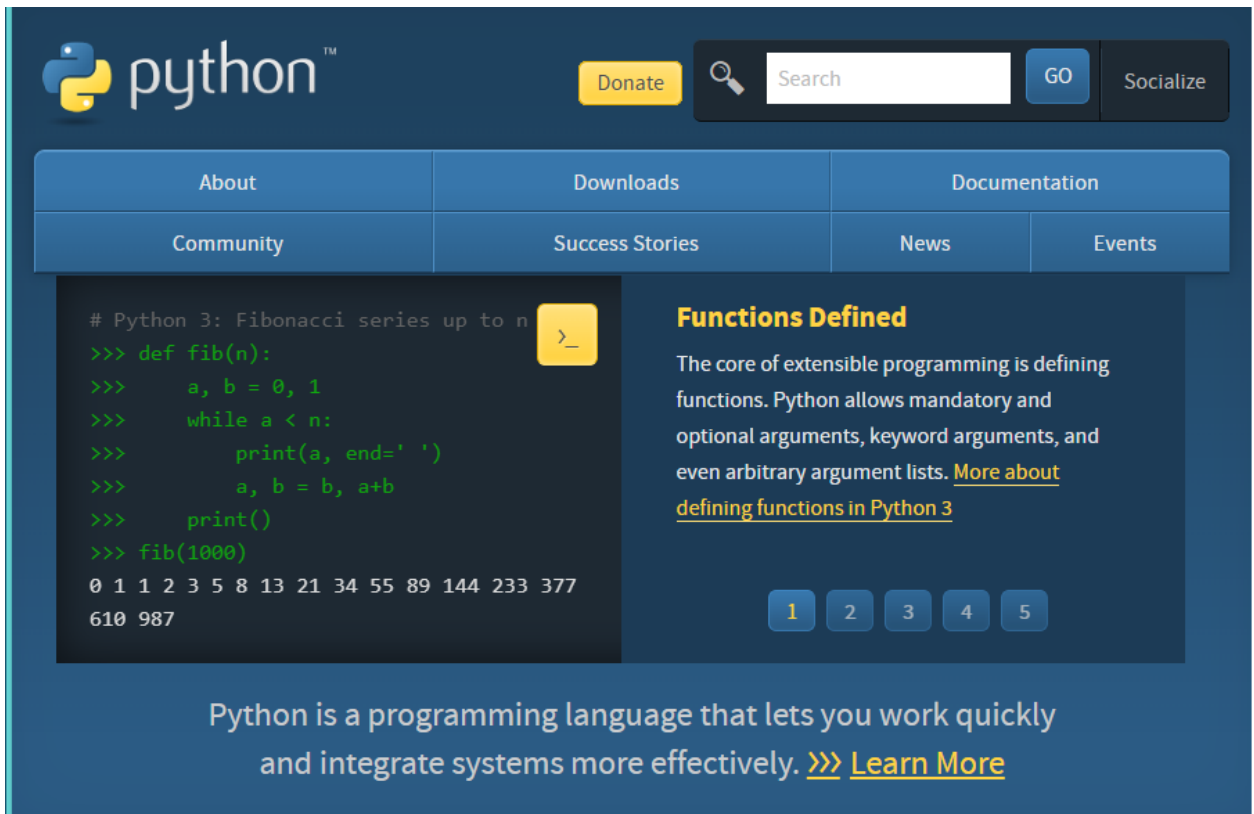   - Here is the link to my GitHub account 01Laurent (github.com)
   - Here is my git bash

I use git bash to cd to my projects, create new projects and also push my projects to GitHub.

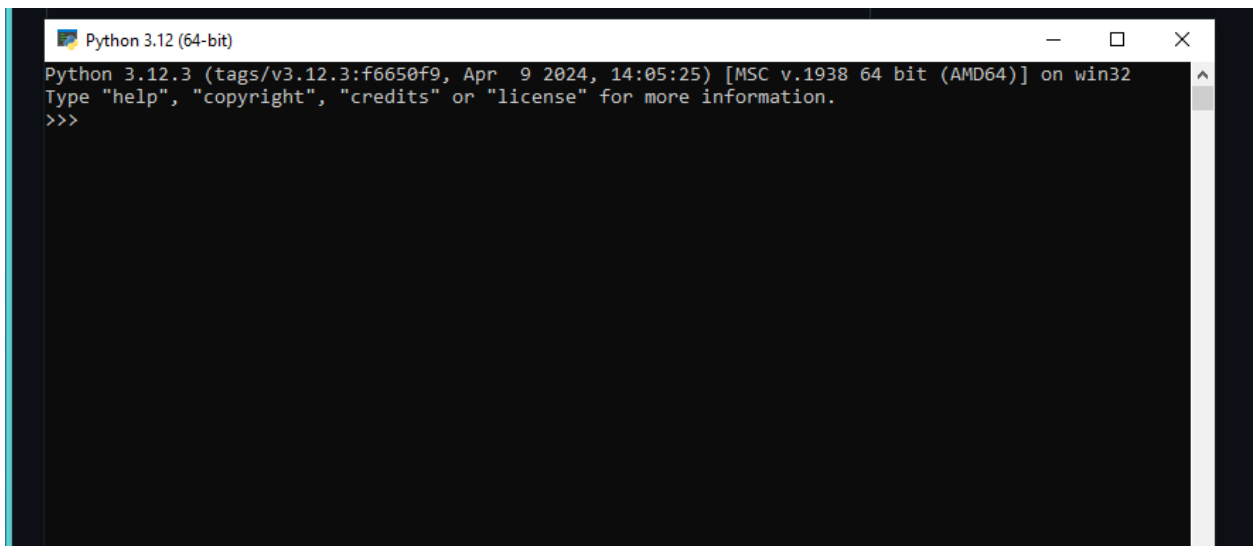- This was the first repo i created and pushed my first project.

4. For the programming language i installed python from https://www.python.org/downloads/

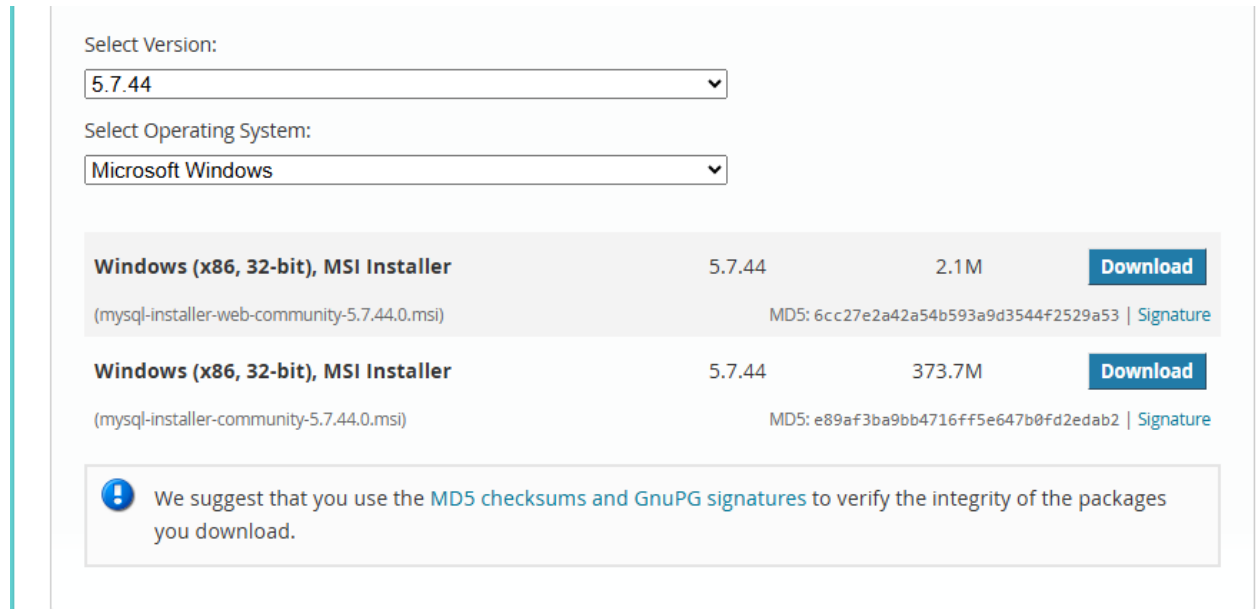Here is the python page i got my download from where i followed all the steps and got this

5. I installed package managers such as pip using the following commands

Python3 get-pip.py

I also installed Django which I'm now using to create my projects since its providing a suitable framework for me to execute my projects.

6. I installed my SQL from
https://dev.mysql.com/downloads/windows/installer/5.7.html

I choose the second option since i didnt want to use the web one, and i followed the steps and finally this is what i have

And i also have workbench.
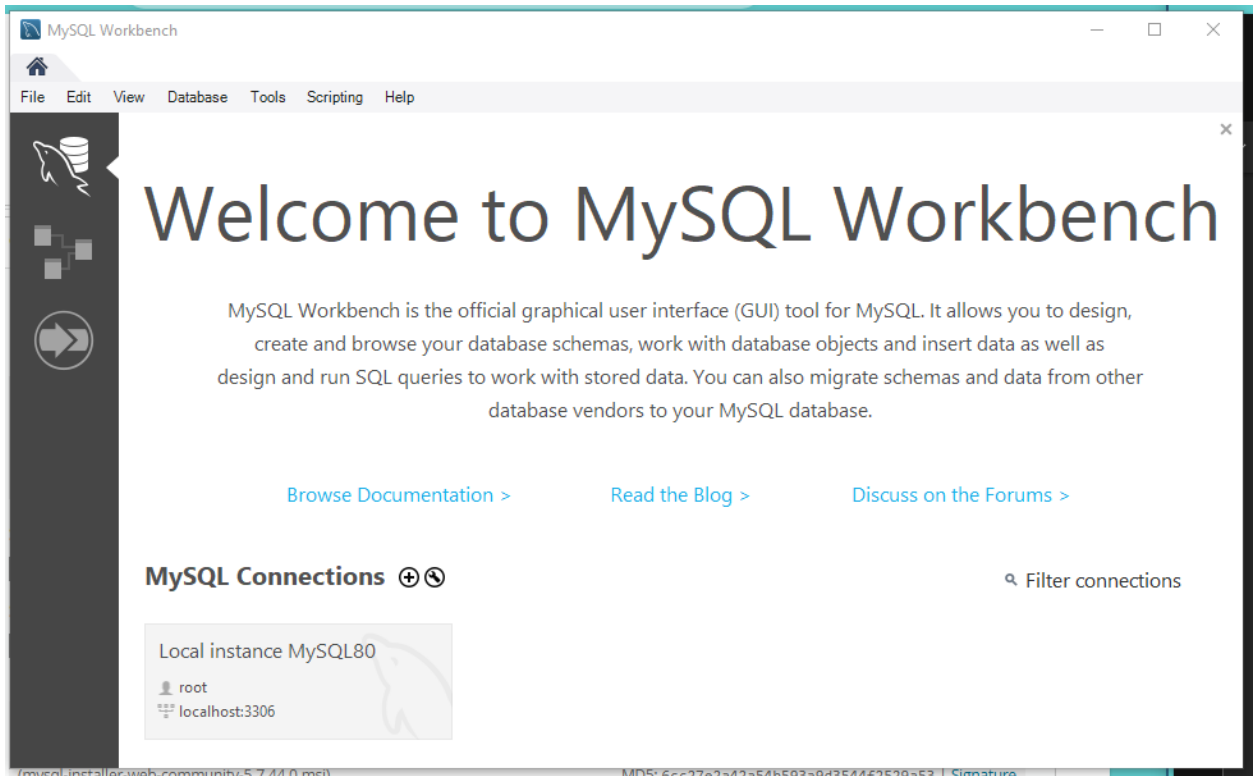
7. For the developments environments i didn't choose any.

8. For the extensions and pluggins in installed
   - Prettier
   - Git lens
   - Code formatter
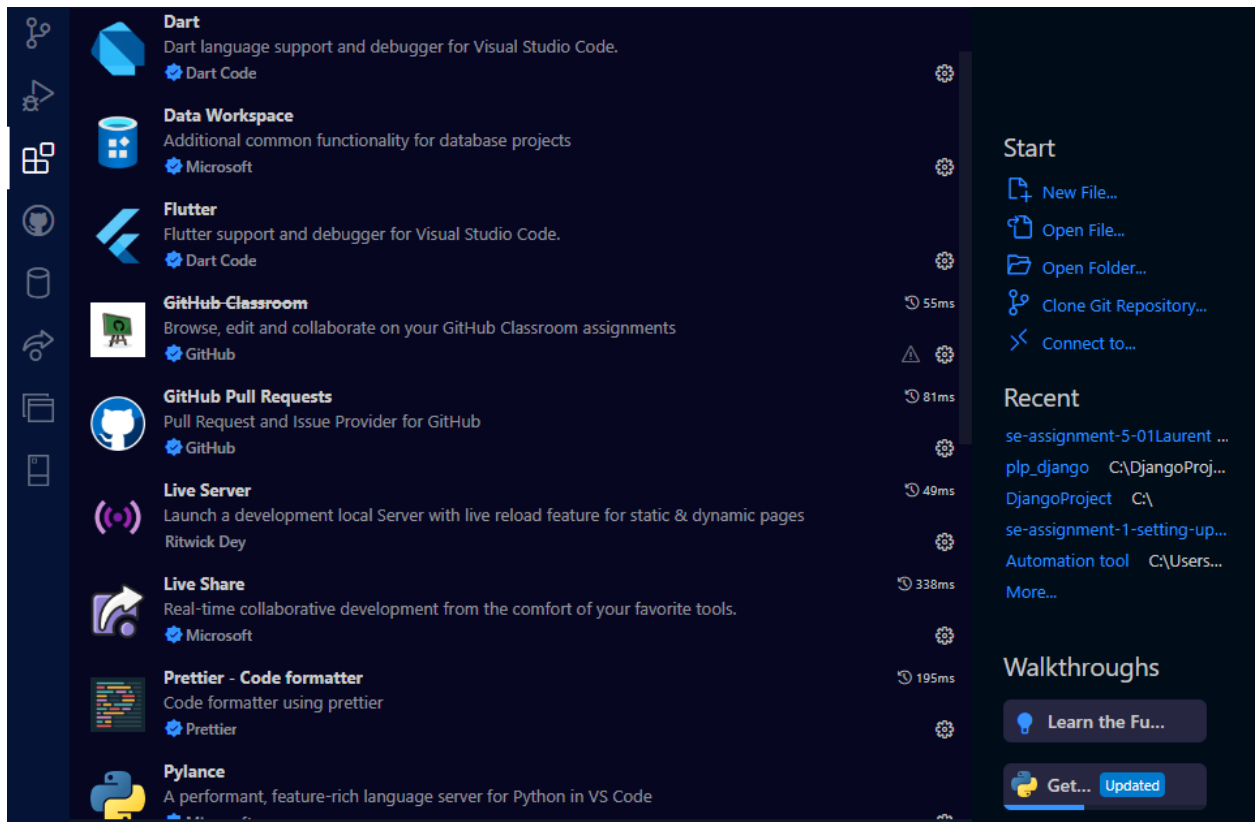   - Pylance
   - The python extension
   - Flutter
   - SQL tools
   - SQL lite viewer
   - Dart
   - Code runner

Developer Environment Setup

Windows 11 Installation
1. Download the Installation Assistant from [Windows 11 download page](https://www.microsoft.com/software-download/windows11).
2. Follow the on-screen instructions to upgrade to Windows 11.

Visual Studio Code Installation
1. Download the installer from [VS Code download page](https://code.visualstudio.com/Download).
2. Run the installer and complete the setup.

Git Installation and Configuration
1. Download the Git installer from [Git download page](https://git-scm.com/downloads).
2. Run the installer and complete the setup.
3. Configure Git:
   ```bash
   git config --global user.name "01Laurent"
   ```

git config --global user.email "kiirulaurent@gmail.com"

Some of the problems i encountered during installation.

- On installing windows 11 my device is not compatible with windows 11 so during installation the process got stuck.
- When installing git i had a problem adding it to the right path but with the help of Chakin, Dave and some research on chat GPT i was able to figure it out.