

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 23H2 Update 1 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.



↓ Windows
Windows 10, 11

User Installer

x64 Arm64

System Installer


x64 Arm64

.zip

x64 Arm64

CLI

x64 Arm64



↓ .deb
Debian, Ubuntu

↓ .rpm
Red Hat, Fedora, SUSE

.deb

x64 Arm32 Arm64

.rpm

x64 Arm32 Arm64

.tar.gz

x64 Arm32 Arm64

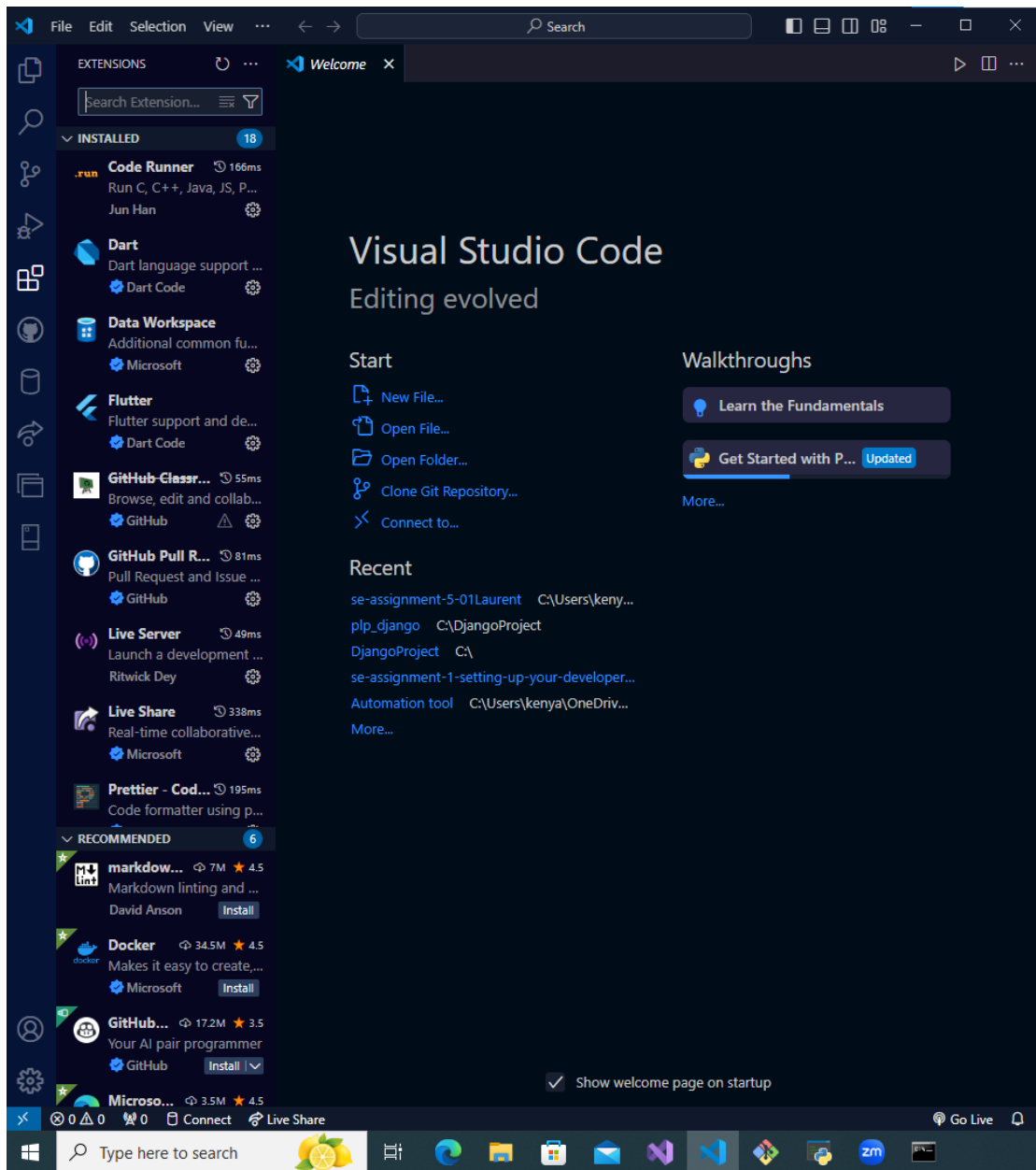
Snap

Snap Store

CLI

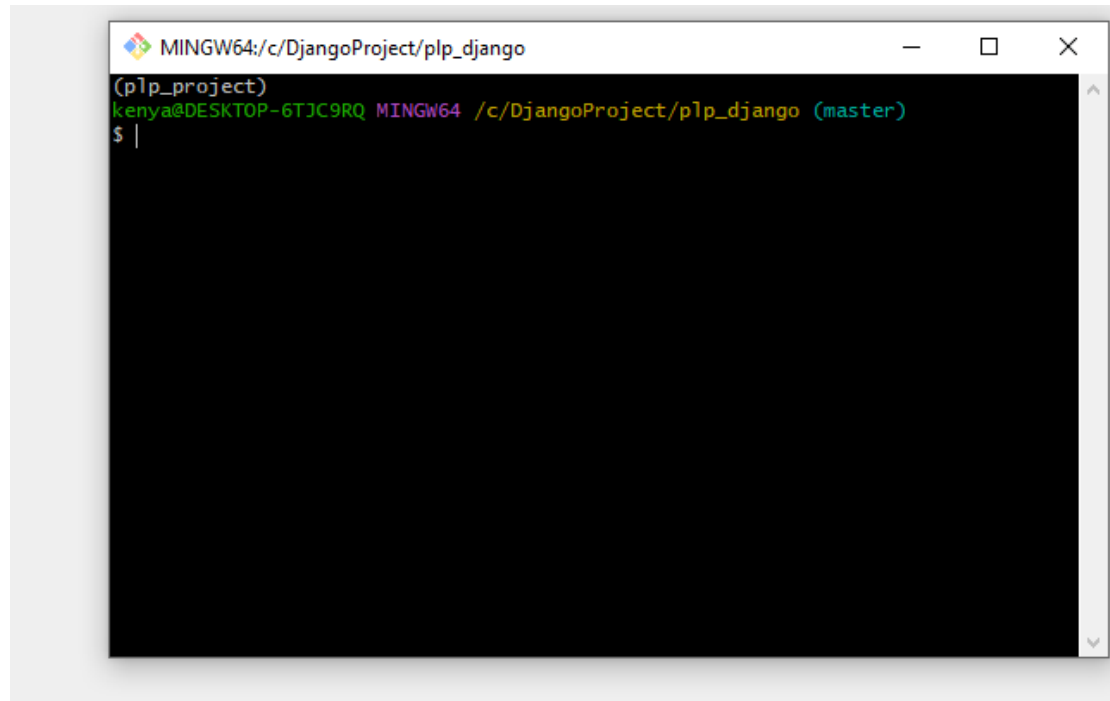
x64 Arm32 Arm64

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



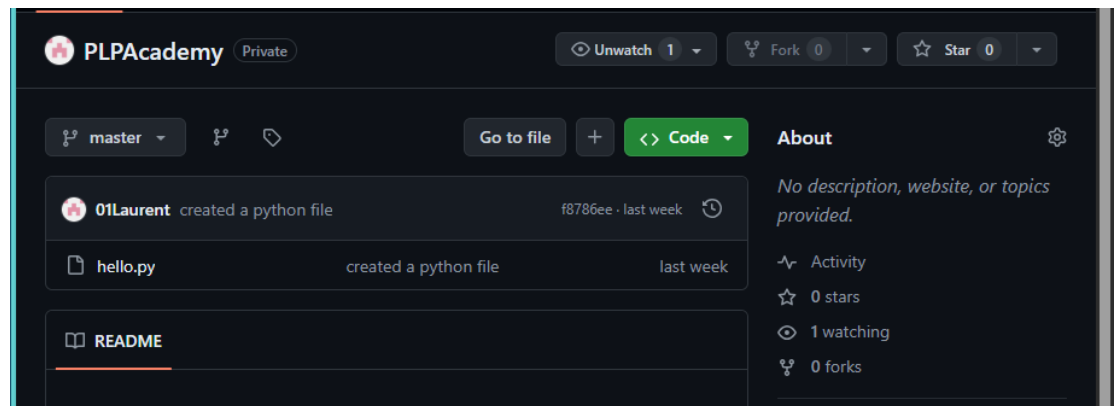
Here is how my environment looks like.

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



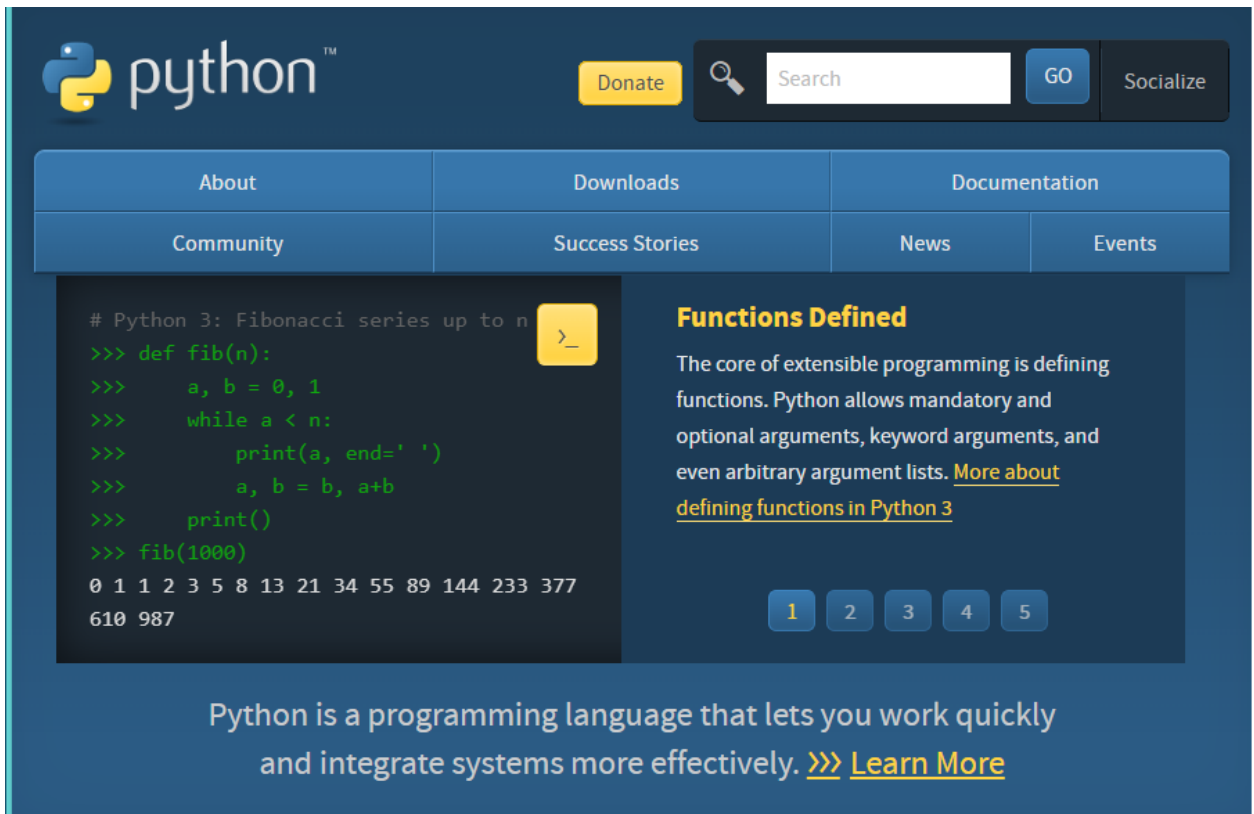
```
MINGW64:/c/DjangoProject/plp_django
(plp_project)
kenya@DESKTOP-6TJC9RQ MINGW64 /c/DjangoProject/plp_django (master)
$ |
```

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

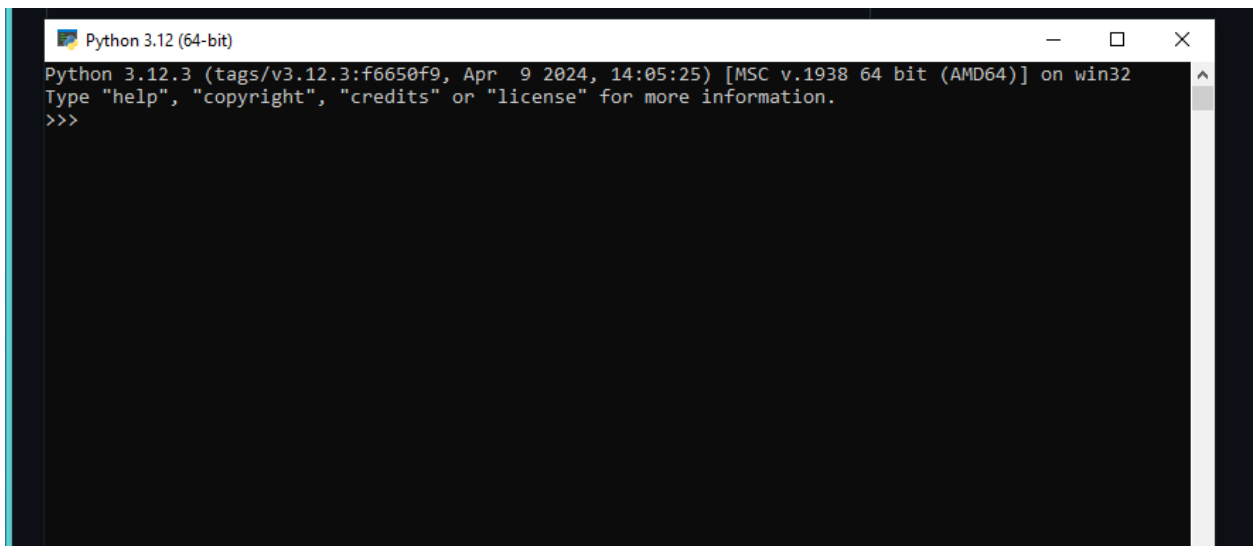


This was the first repo i created and pushed my first project.

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



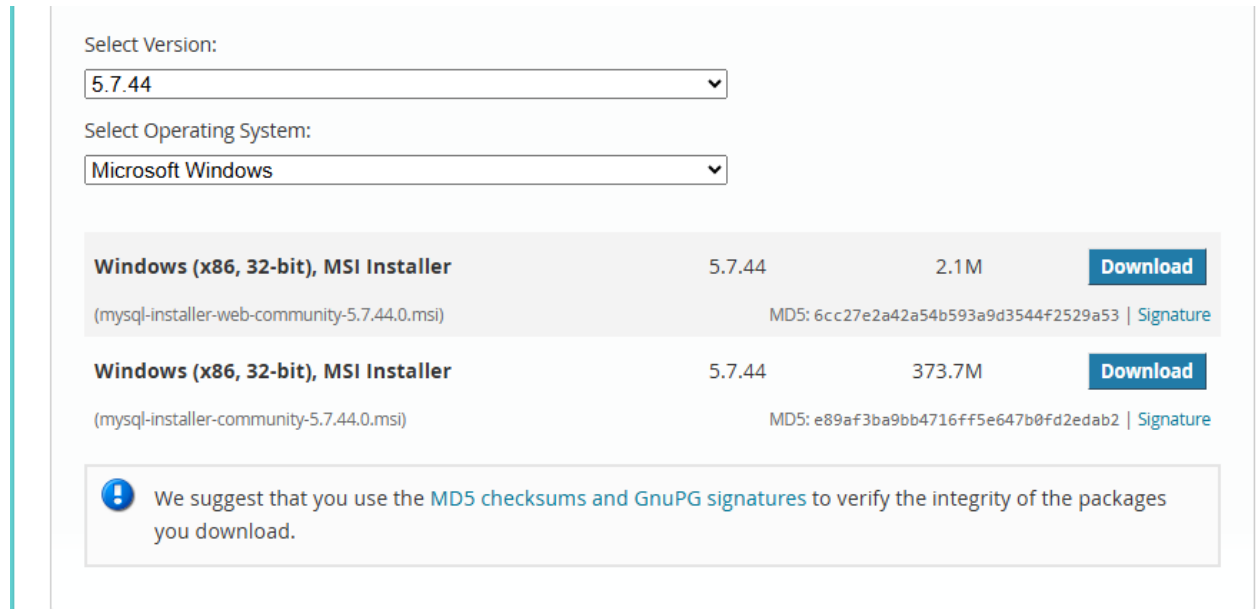
5. I installed package managers such as pip using the following commands

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>



Select Version:
5.7.44

Select Operating System:
Microsoft Windows

Windows (x86, 32-bit), MSI Installer (mysql-installer-web-community-5.7.44.0.msi)	5.7.44	2.1M	Download
Windows (x86, 32-bit), MSI Installer (mysql-installer-community-5.7.44.0.msi)	5.7.44	373.7M	Download

MD5: 6cc27e2a42a54b593a9d3544f2529a53 | [Signature](#)

MD5: e89af3ba9bb4716ff5e647b0fd2edab2 | [Signature](#)

! We suggest that you use the [MD5 checksums](#) and [GnuPG signatures](#) to verify the integrity of the packages you download.

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

```
MySQL 8.0 Command Line Client - Unicode
Enter password: *****
Welcome to the MySQL monitor.  Commands end with ; or \g.
Your MySQL connection id is 9
Server version: 8.0.37 MySQL Community Server - GPL

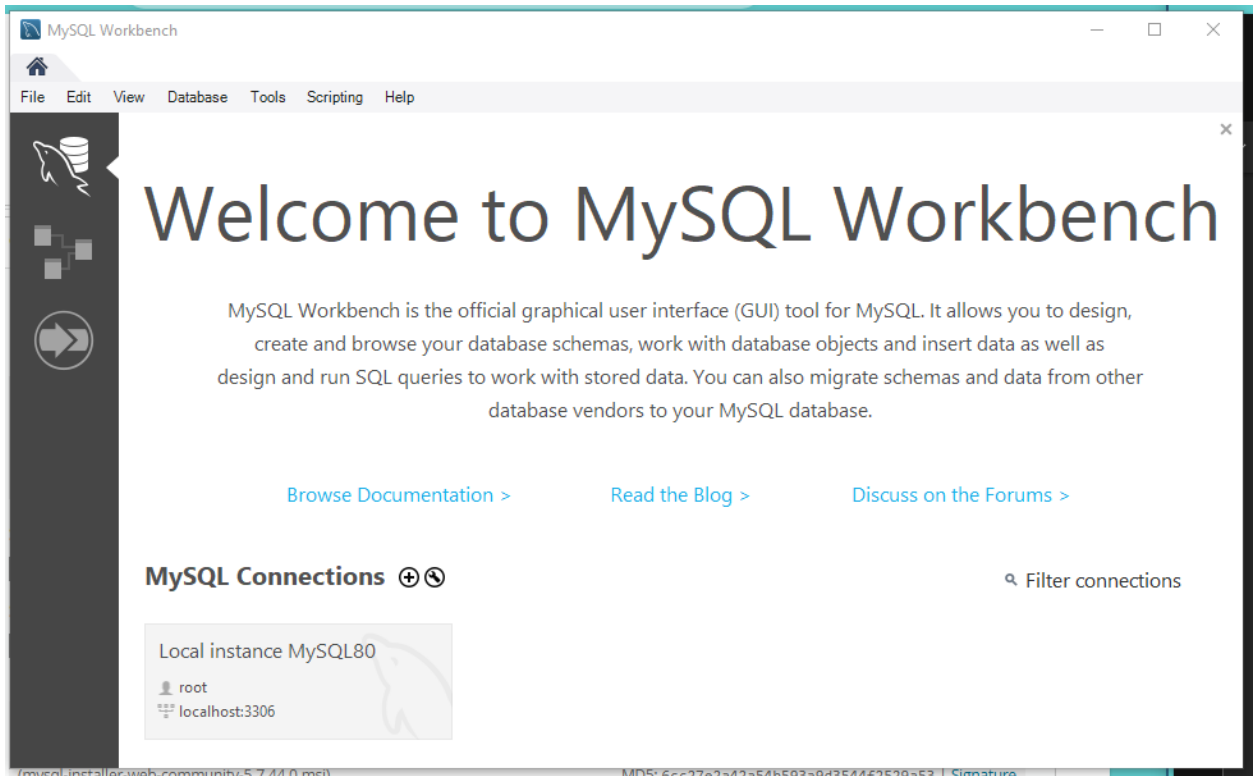
Copyright (c) 2000, 2024, Oracle and/or its affiliates.

Oracle is a registered trademark of Oracle Corporation and/or its
affiliates. Other names may be trademarks of their respective
owners.

Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

mysql>
```

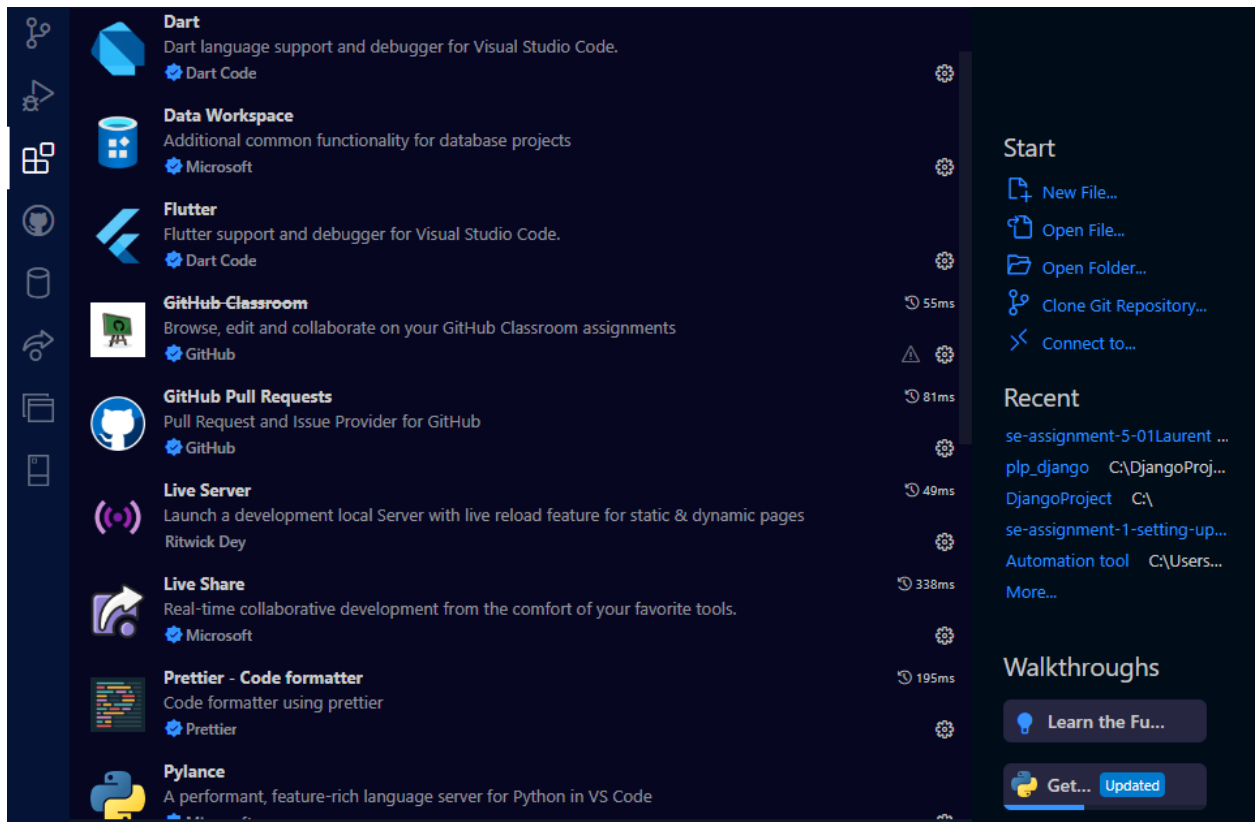
And i also have workbench.



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.