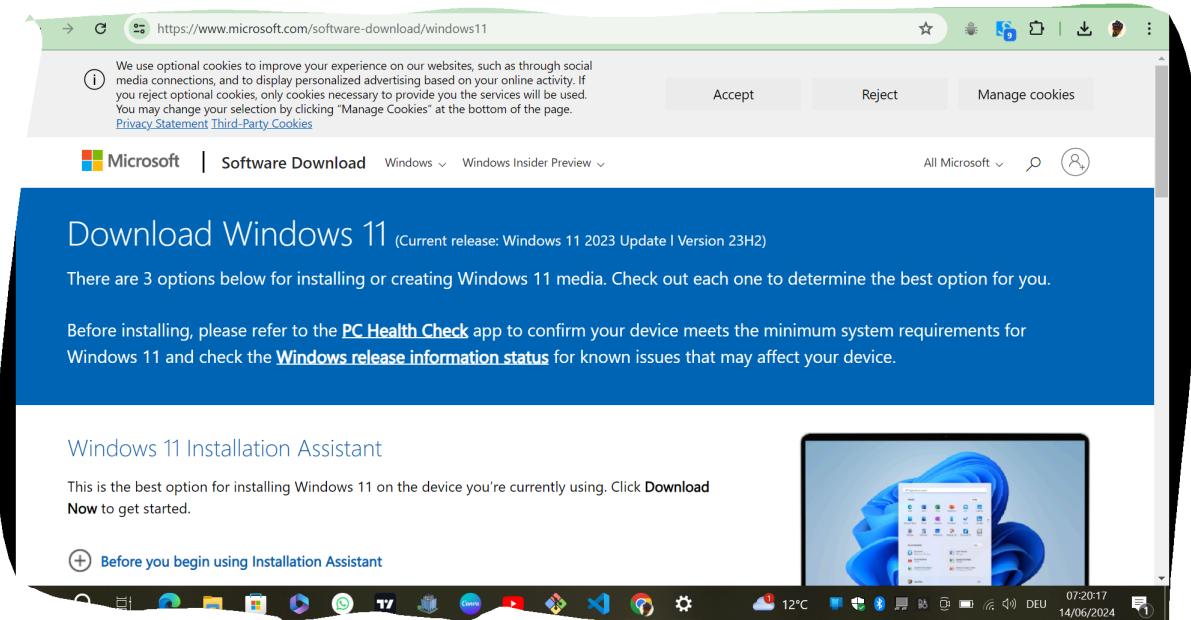
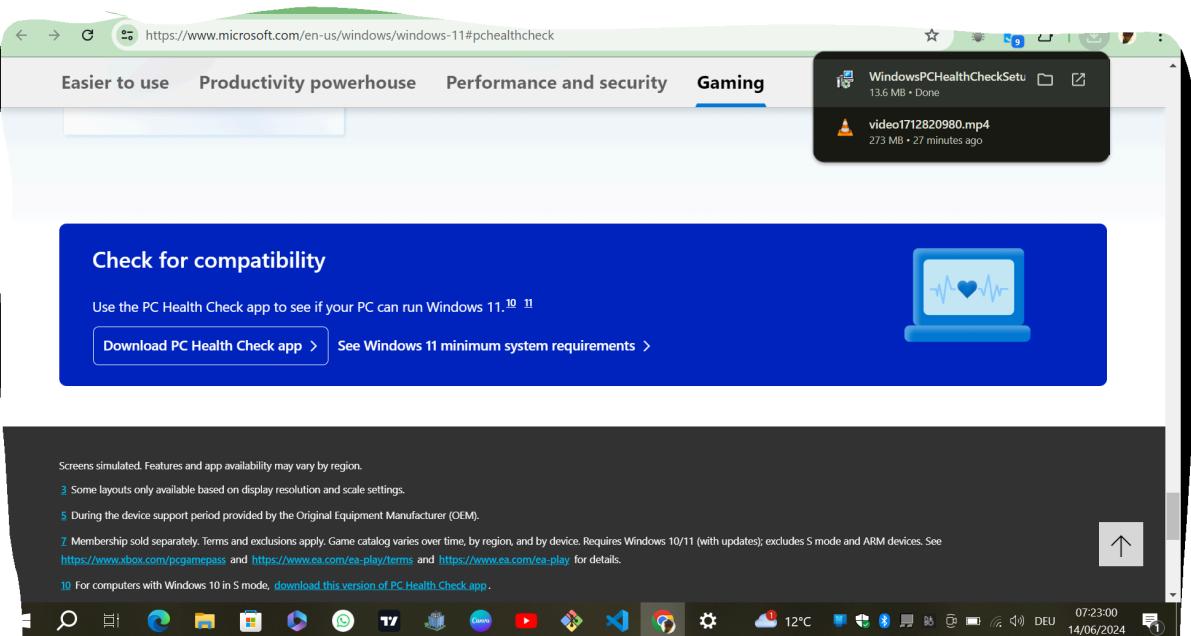


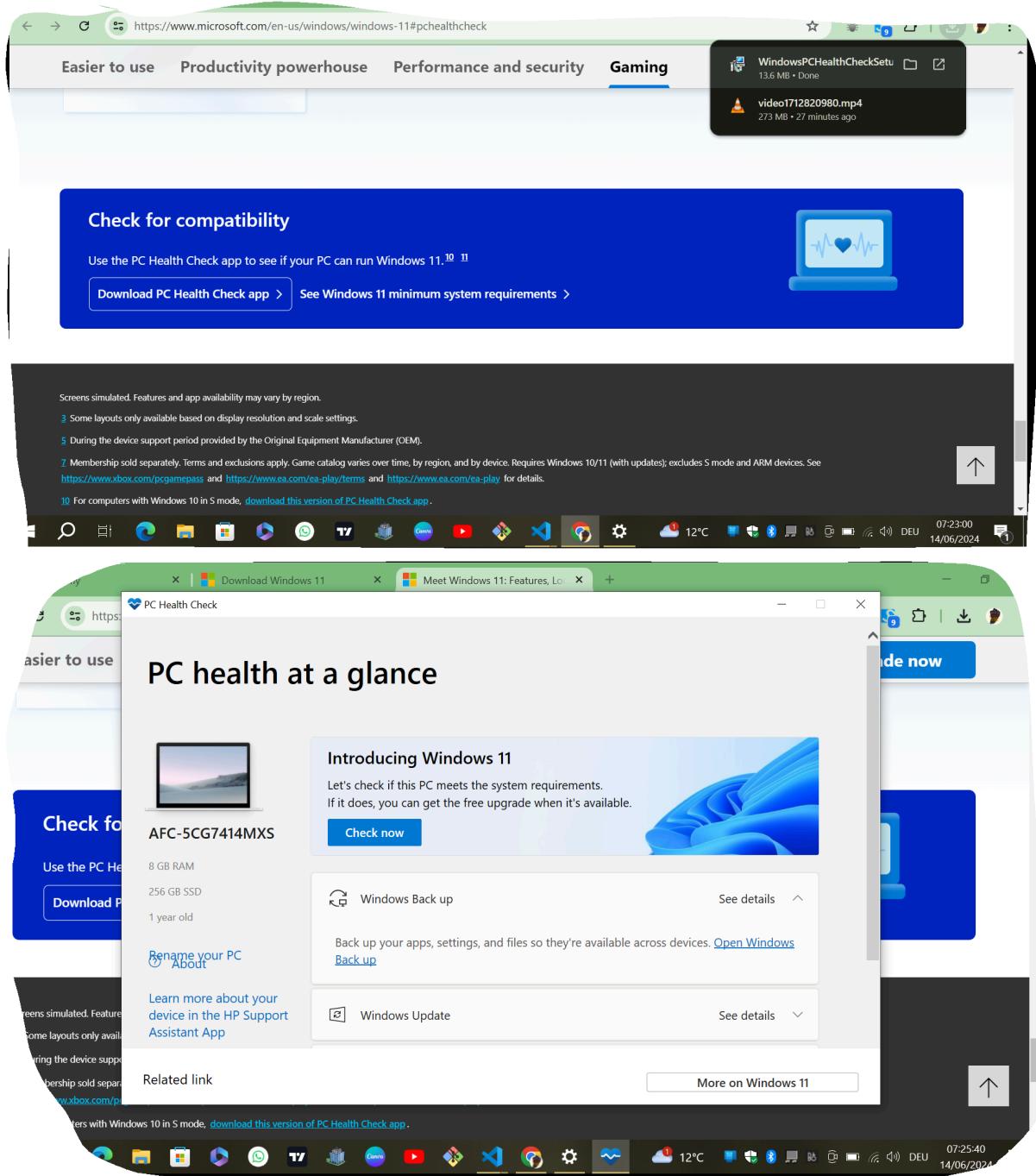
1.i)open a link of window 11



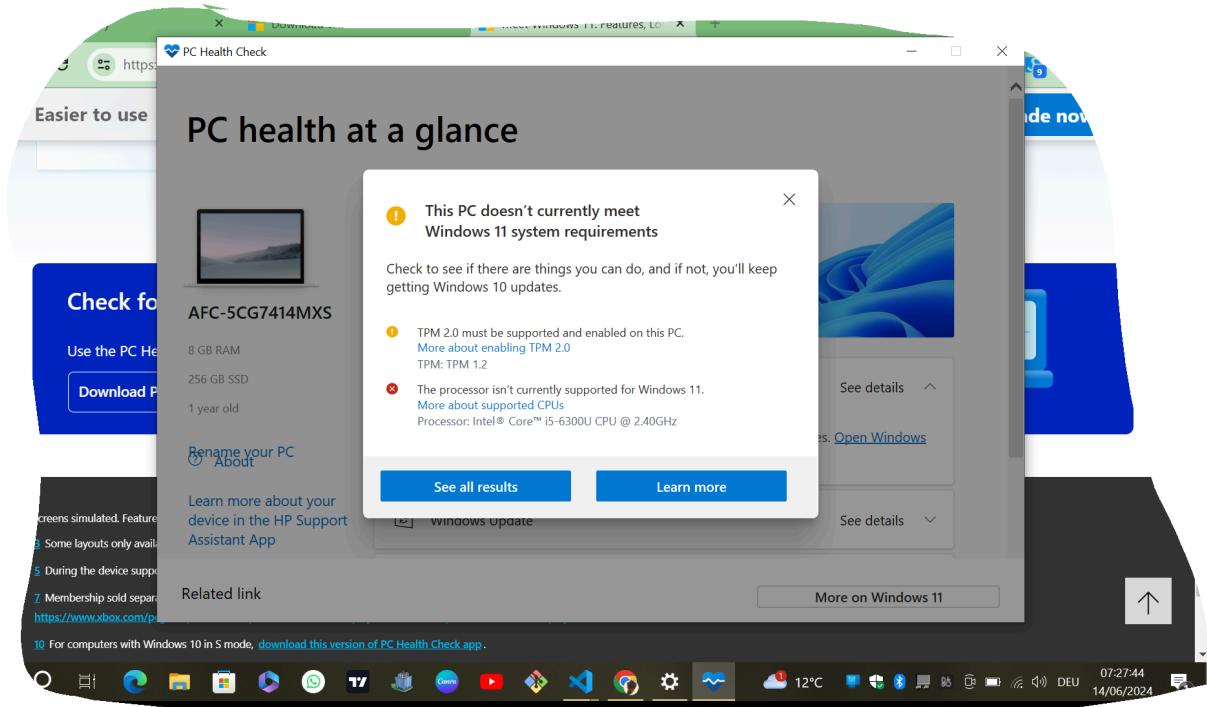
ii)then i refer to a pc health check



iii)download a pc health check and install in my computer



iii) I checked my computer and it says my TPM is below 2 is 1.2 it does not have a minimum requirement.



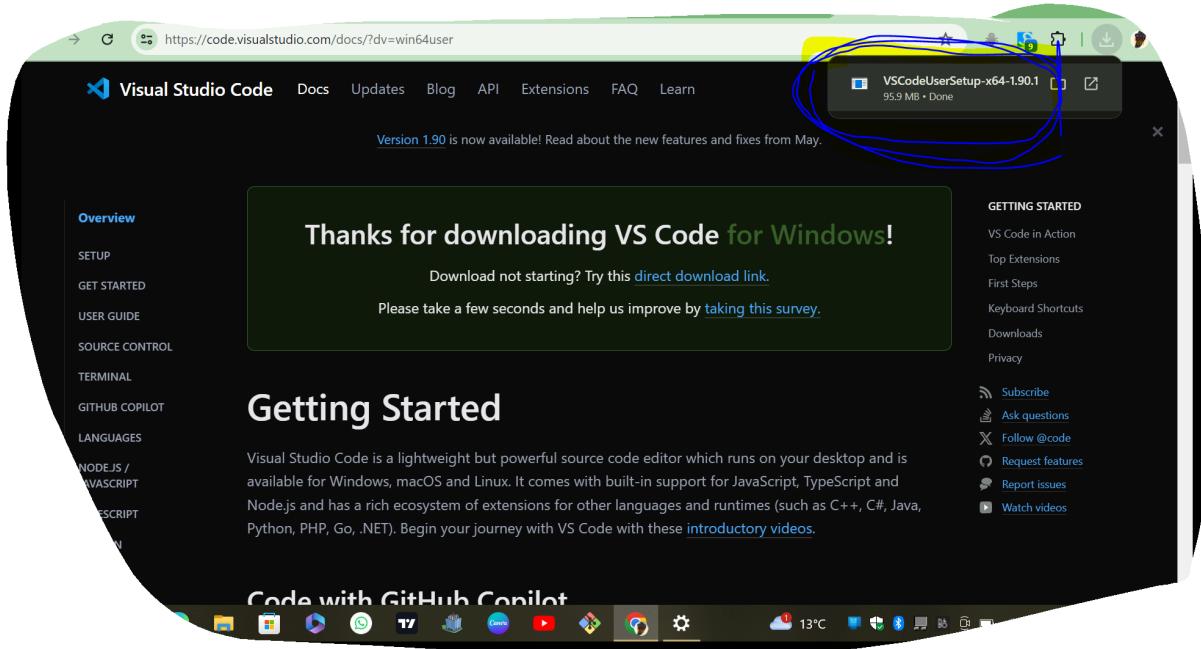
In a nutshell ;i fell to download window 11 for my computer.

Qn 2

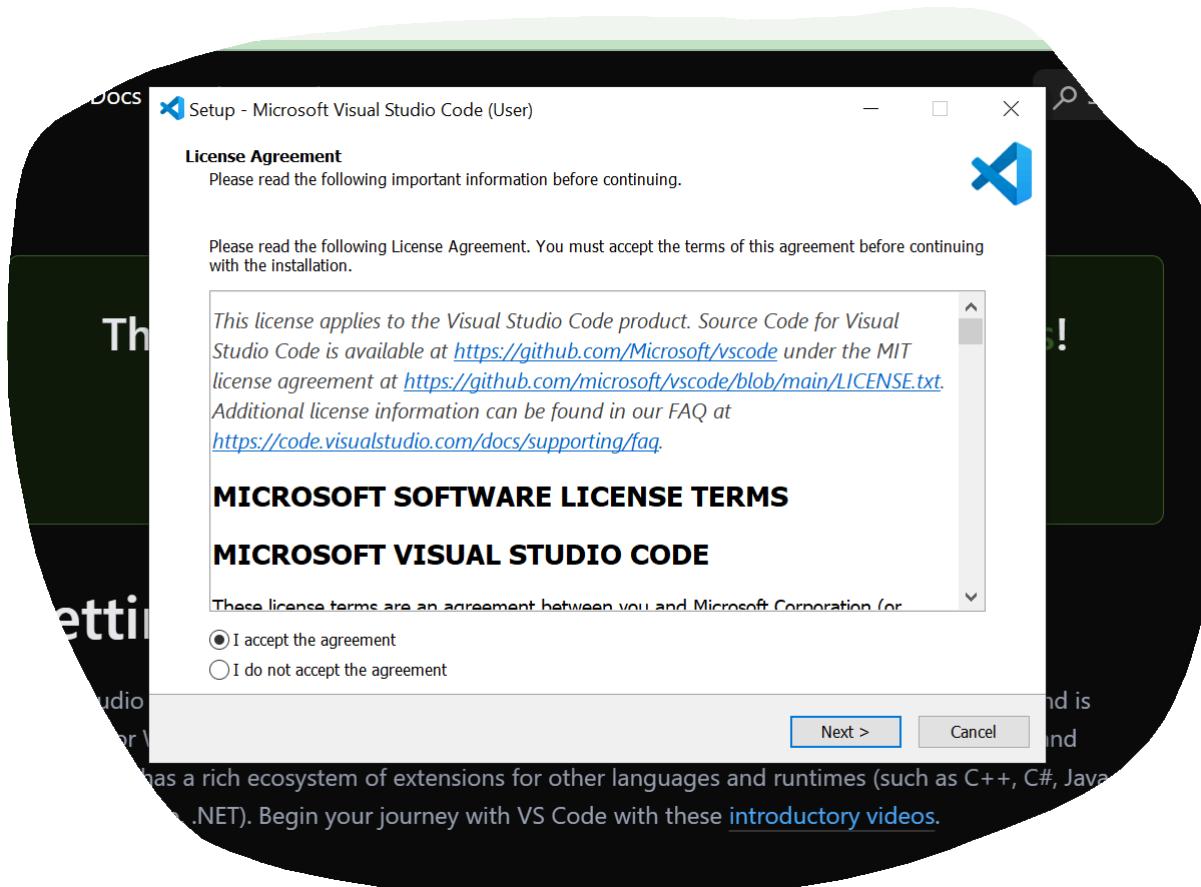
I got two the link of visual studio



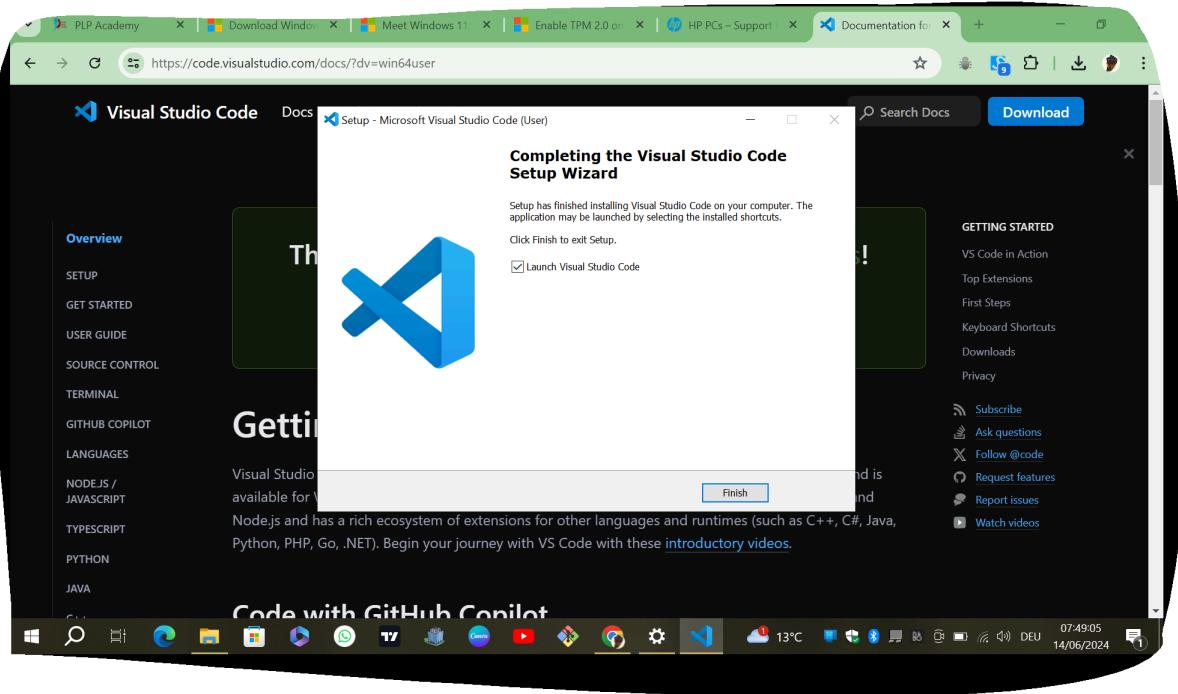
ii)i select download for the window and get visual studio setup



iii)i follow procedure until i install into my computer



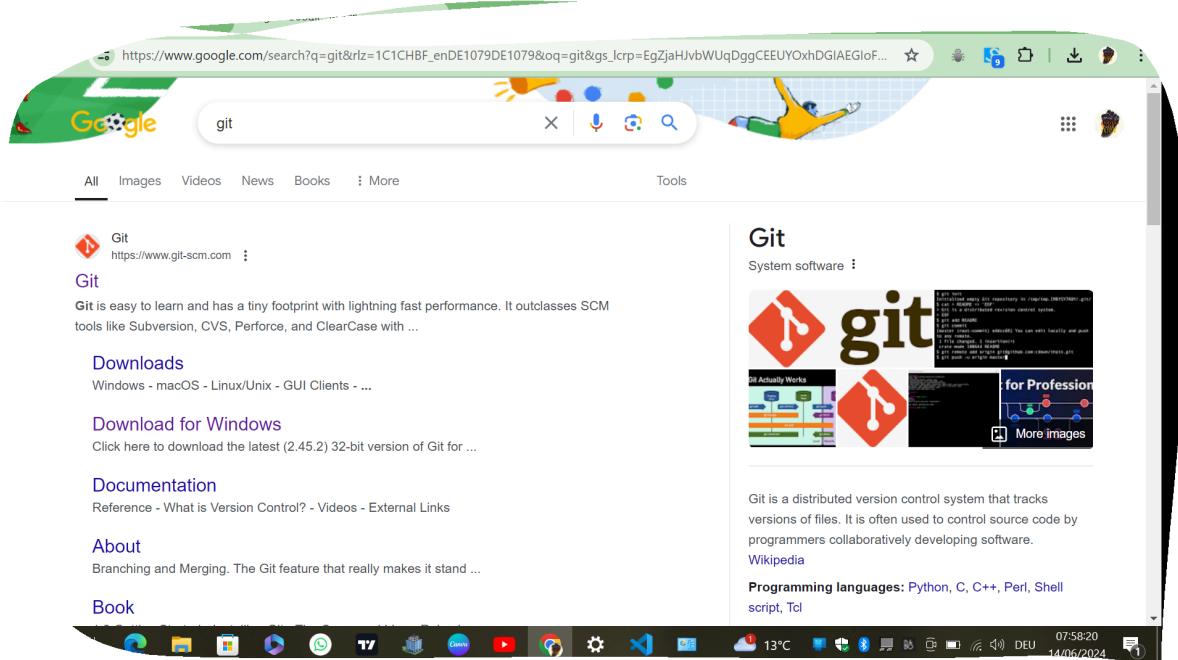
And finish



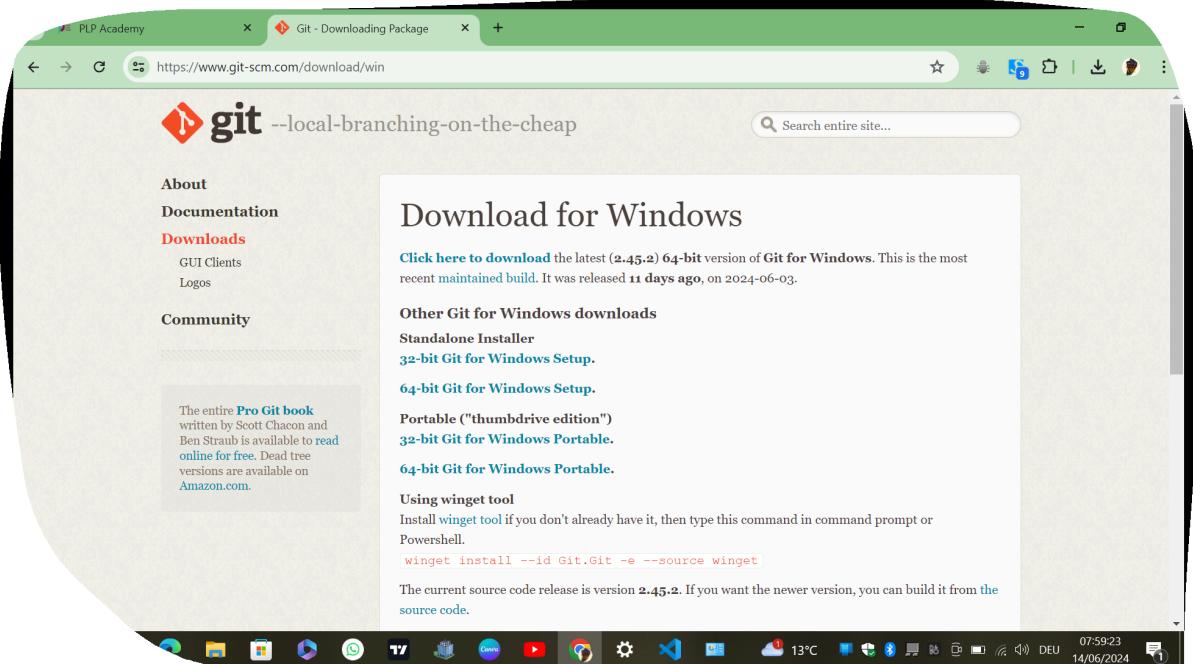
So my Vs code was good to go

Qn3 Git installation

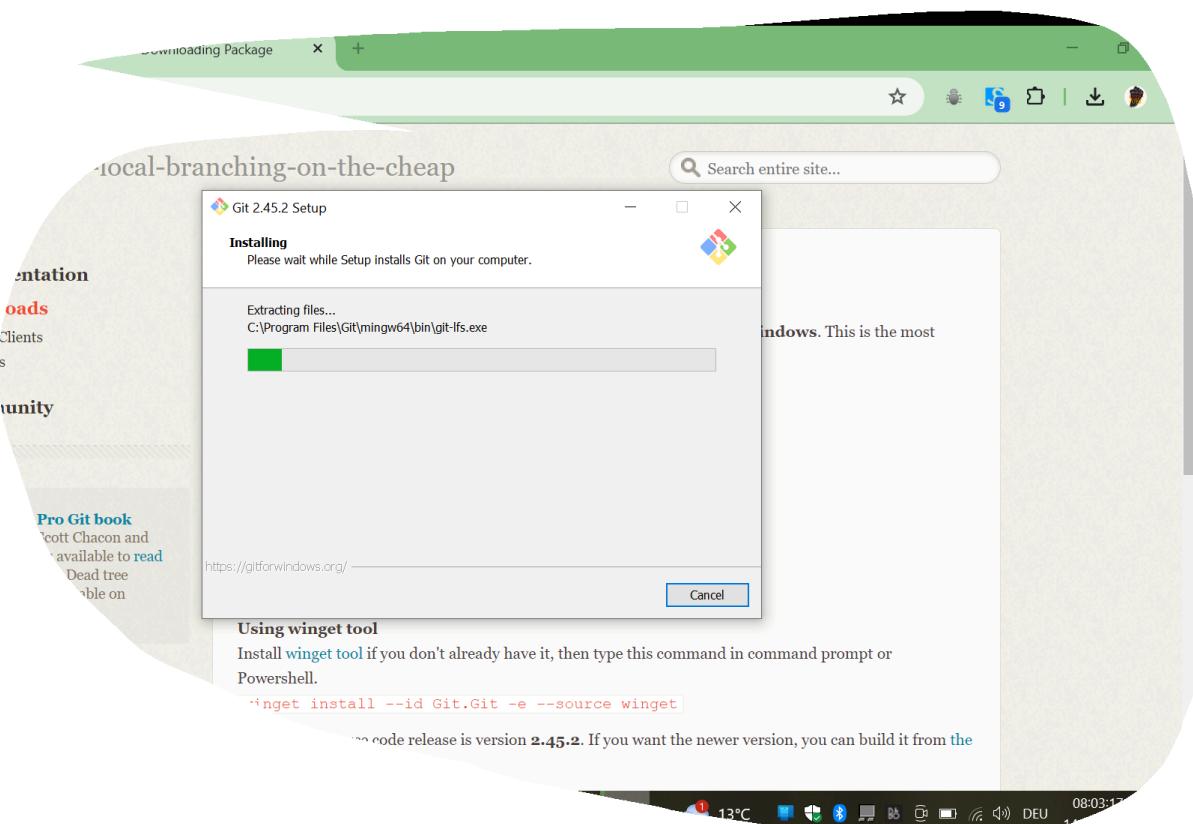
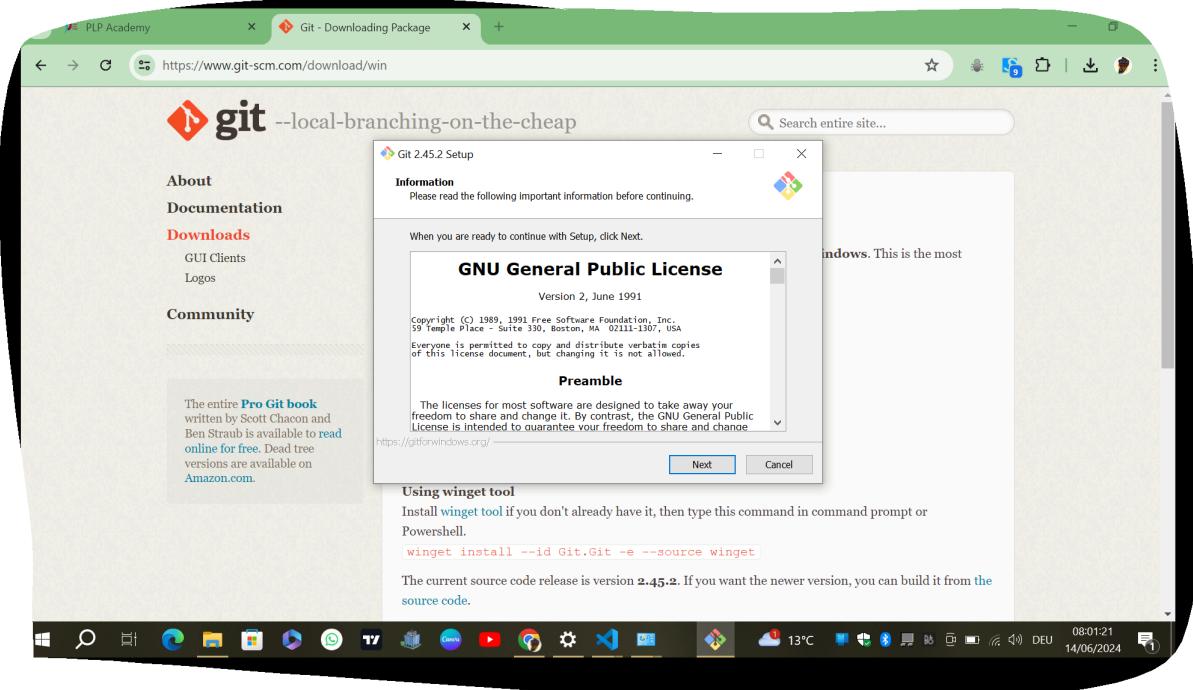
i) search git



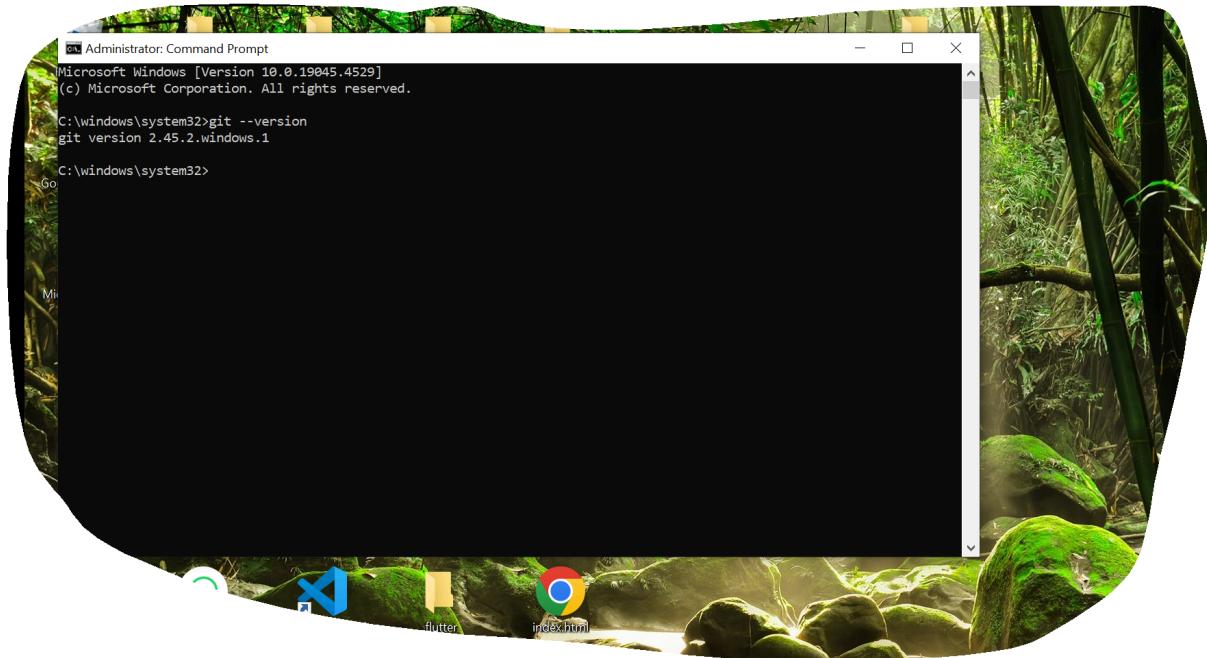
Select download for window



I select 64-bit



After installation i check version



Then i start configuration

A screenshot of a terminal window titled "MINGW64/c/Users/User". The window shows the following text:

```
User@AFC-5CG7414MXS MINGW64 ~
$ git config --global user.name "david nyiti"

User@AFC-5CG7414MXS MINGW64 ~
$ git config --global user.email davidgnyiti@gmail.com

User@AFC-5CG7414MXS MINGW64 ~
$ git config --list
diff.astextplain.textconv=astextplain
filter.lfs.clean=git-lfs clean -- %f
filter.lfs.smudge=git-lfs smudge -- %f
filter.lfs.process=git-lfs filter-process
filter.lfs.required=true
http.sslbackend=openssl
http.sslcainfo=C:/Program Files/Git/mingw64/etc/ssl/certs/ca-bundle.crt
core.autocrlf=true
core.fscache=true
core.symlinks=false
pull.rebase=false
credential.helper=manager
credential.https://dev.azure.com.usehttppath=true
init.defaultbranch=master
```

The terminal window has a black background and white text. The desktop icons at the bottom include a recycle bin, a blue folder, a yellow folder labeled "flutter", and a Google Chrome icon labeled "index.html". The taskbar also shows various application icons like File Explorer, Edge, and FileZilla. The system tray shows the date and time as 14/06/2024 08:12:43.

I create a new repository in a github

Create a new repository

A repository contains all project files, including the revision history. Already have a project repository elsewhere? [Import a repository.](#)

Required fields are marked with an asterisk (*).

Owner * Repository name *

Your new repository will be created as envromental-setup.
The repository name can only contain ASCII letters, digits, and the characters ., -, and _.

Great repository names are short and memorable. Need inspiration? How about [special-meme](#) ?

Description (optional)

Public Anyone on the internet can see this repository. You choose who can commit.
 Private You choose who can see and commit to this repository.

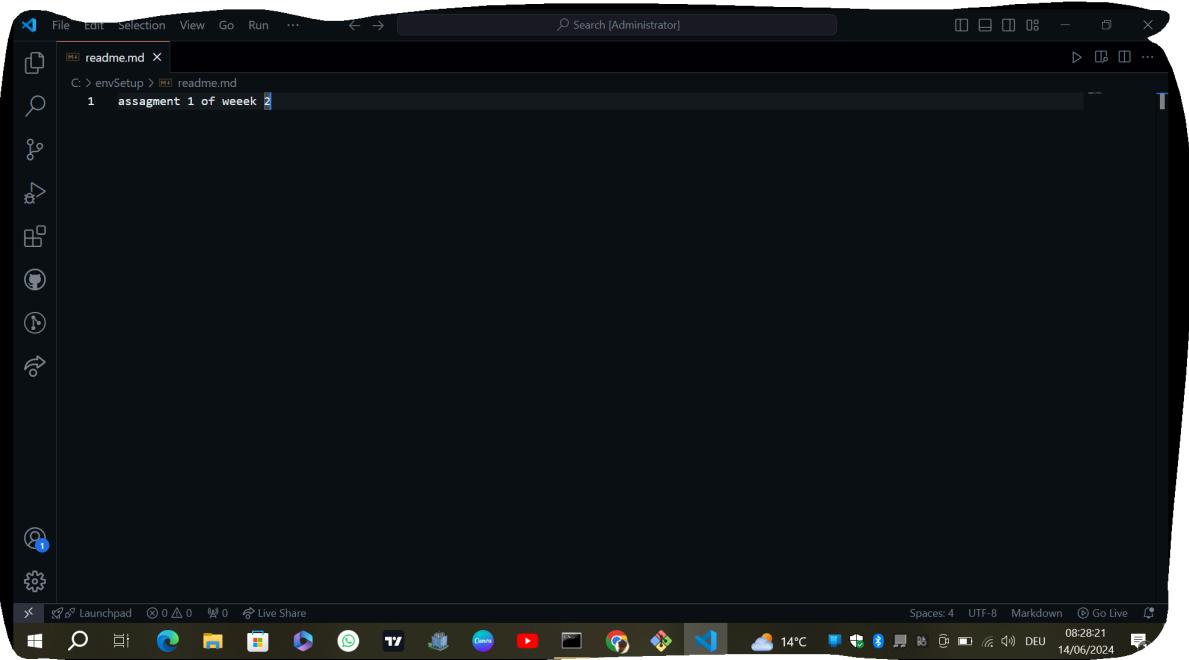
Initialize this repository with:

08:16:01 DEU 14/06/2024

Open a git bash and access my disc and create a new folder named envSetup and using a Vs code I create a new file ,write and save into visual studio.

```
User@AFC-5CG7414MXS MINGW64 ~
$ cd c:/
User@AFC-5CG7414MXS MINGW64 /c
$ mkdir envSetup
User@AFC-5CG7414MXS MINGW64 /c
$ cd envSetup
User@AFC-5CG7414MXS MINGW64 /c/envSetup
$ code README.md
User@AFC-5CG7414MXS MINGW64 /c/envSetup
$ |
```

08:21:12 DEU 14/06/2024



Then I do git init to connect my git with my local repository ,get add ,then commit a message ,connect my git with the remote repository I created first at github.then final push to it.

```
MINGW64:/c/envSetup
$ ls
readme.md

User@AFC-5CG7414MXS MINGW64 /c/envSetup
$ git init
Initialized empty Git repository in C:/envSetup/.git/

User@AFC-5CG7414MXS MINGW64 /c/envSetup (master)
$ git add .

User@AFC-5CG7414MXS MINGW64 /c/envSetup (master)
$ git commit -m "assigment 1 for env setup"
[master (root-commit) cd29f50] assigment 1 for env setup
 1 file changed, 1 insertion(+)
 create mode 100644 readme.md

User@AFC-5CG7414MXS MINGW64 /c/envSetup (master)
$ git remote add origin https://github.com/davidNyiti/envromental-setup.git

User@AFC-5CG7414MXS MINGW64 /c/envSetup (master)
$ git push -u origin master
Enumerating objects: 3, done.
Counting objects: 100% (3/3), done.
Writing objects: 100% (3/3), 244 bytes | 244.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
To https://github.com/davidNyiti/envromental-setup.git
 * [new branch]      master -> master
branch 'master' set up to track 'origin/master'.
```

Finally the committed message is shown in the github account.

The screenshot shows a GitHub repository page for 'envromental-setup'. The repository is public and has one branch ('master') and one commit ('assignment 1 for env setup'). The README file contains the text 'assagment 1 of weeek 2'. On the right side, there is an 'About' section with a note that says 'No description, website, or topics provided.' It also lists basic repository statistics: 1 Commit, 0 stars, 1 watching, and 0 forks. Below that is a 'Releases' section which is currently empty. At the bottom, there is a 'Packages' section.

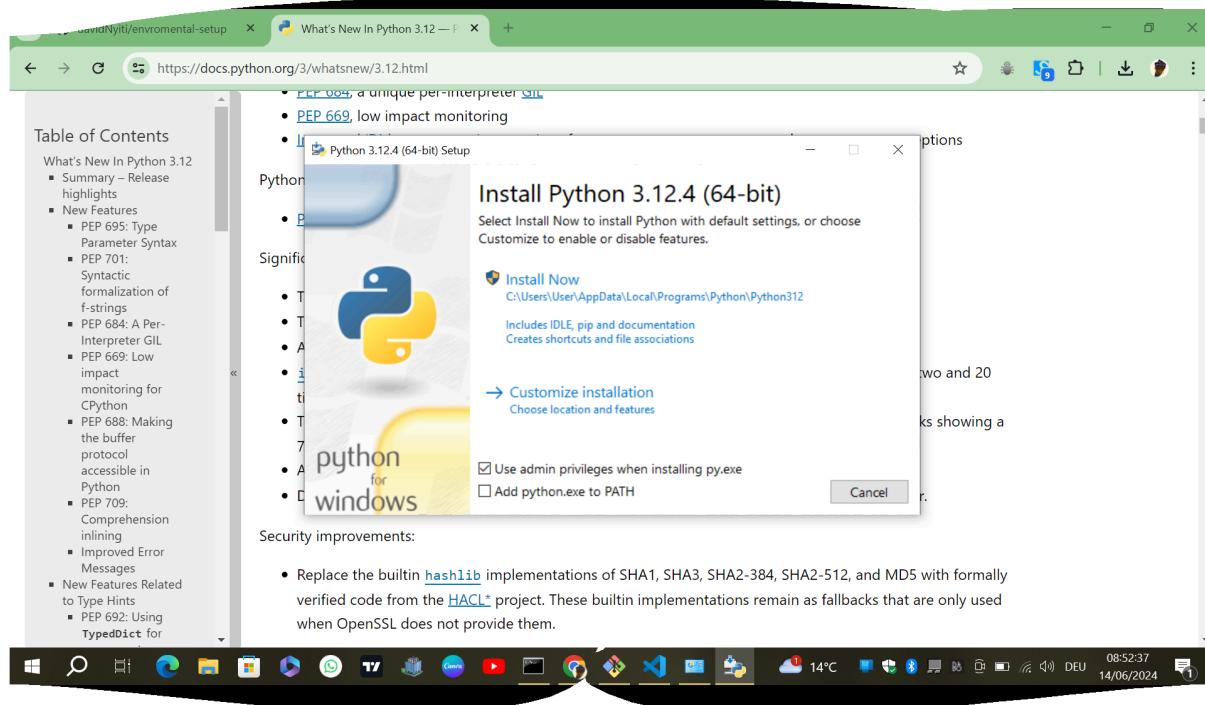
Qn4

i)go to python website python.org

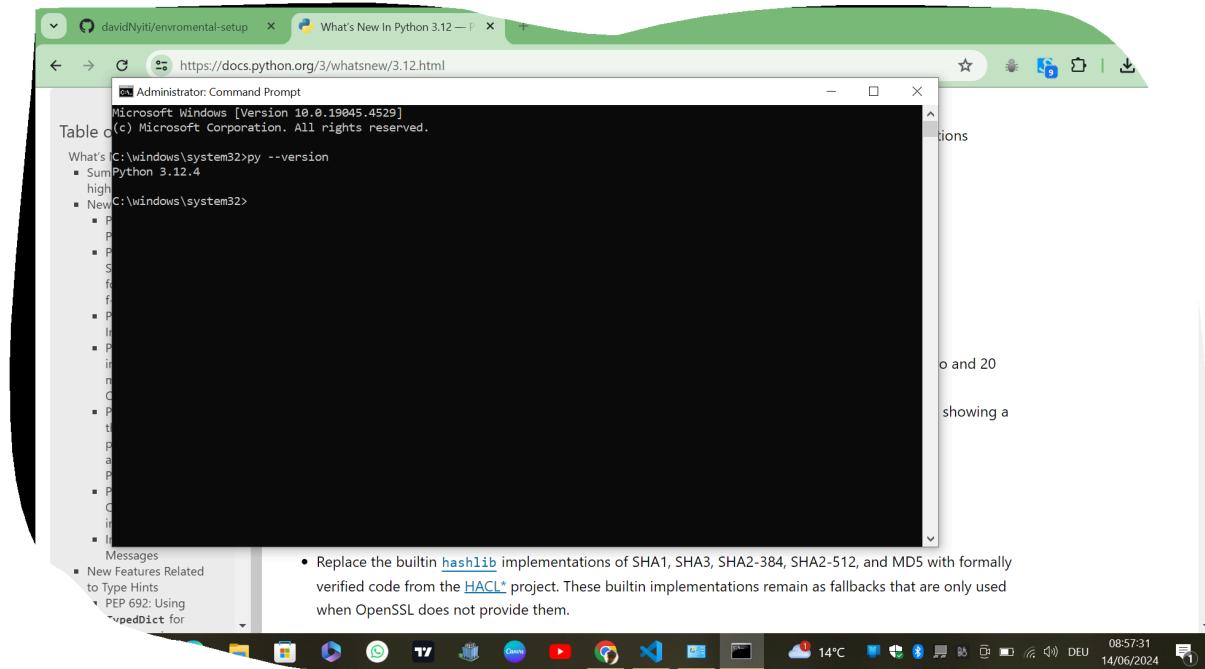
The screenshot shows the Python.org downloads page. The main heading is 'Download the latest version for Windows'. A large graphic features two packages suspended by parachutes against a blue sky. Below the graphic, there is a section titled 'Active Python Releases' with a table showing the following information:

Python version	Maintenance status	First released	End of support	Release schedule
3.13	prerelease	2024-10-01 (planned)	2029-10	PEP 719

ii)select download for window and download and finish setup

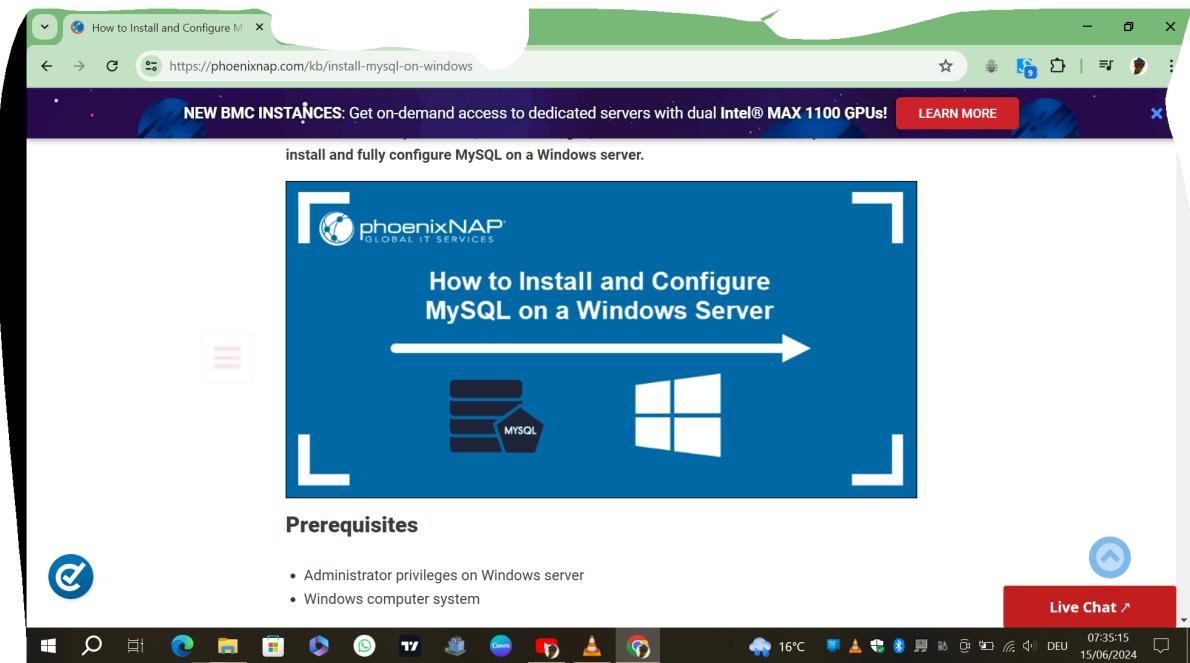


iii) check for the version and it's good to go

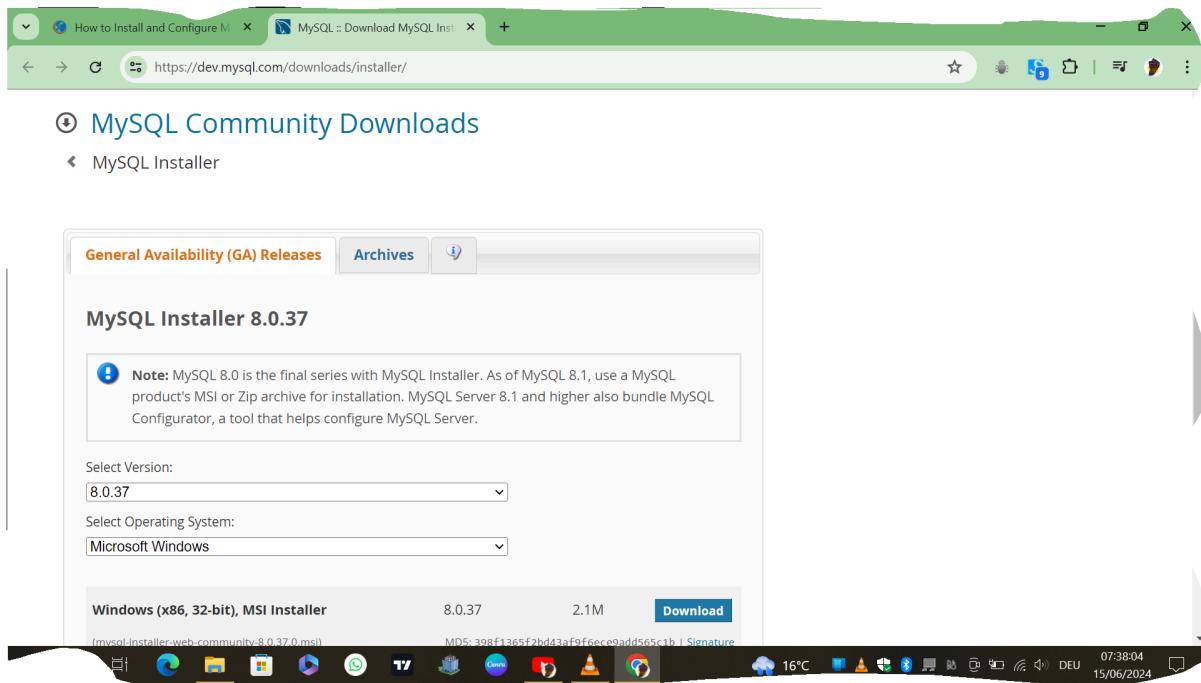


Qn6

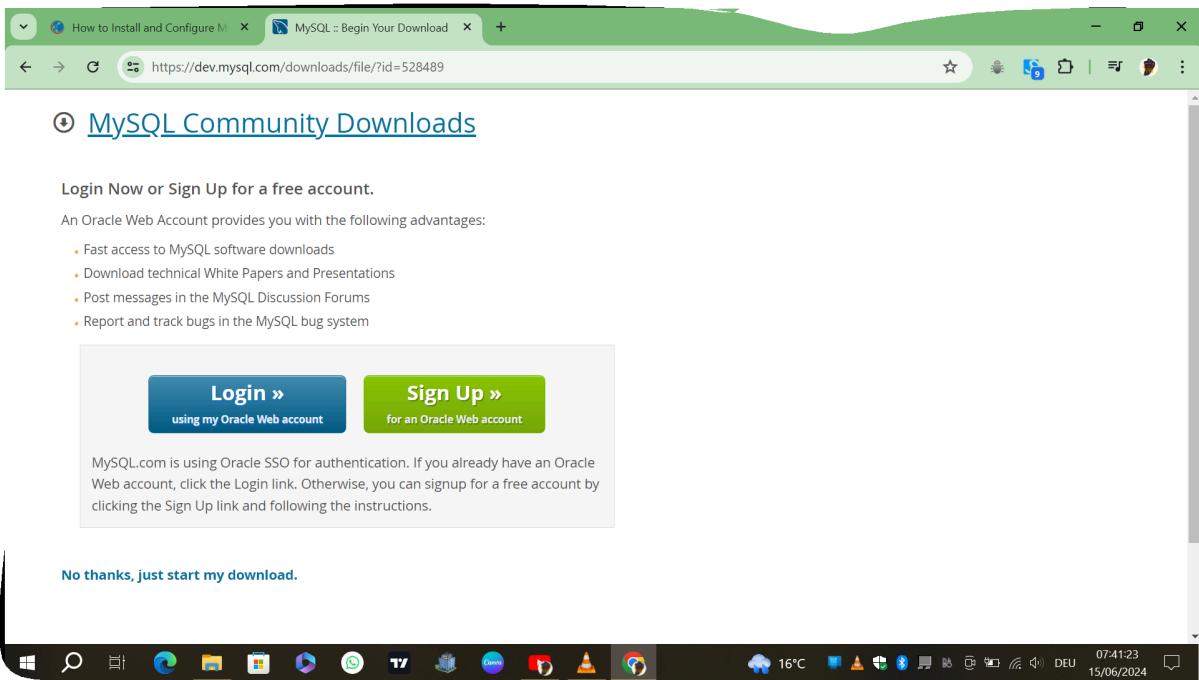
i) I open a link of download a mysql into my computer



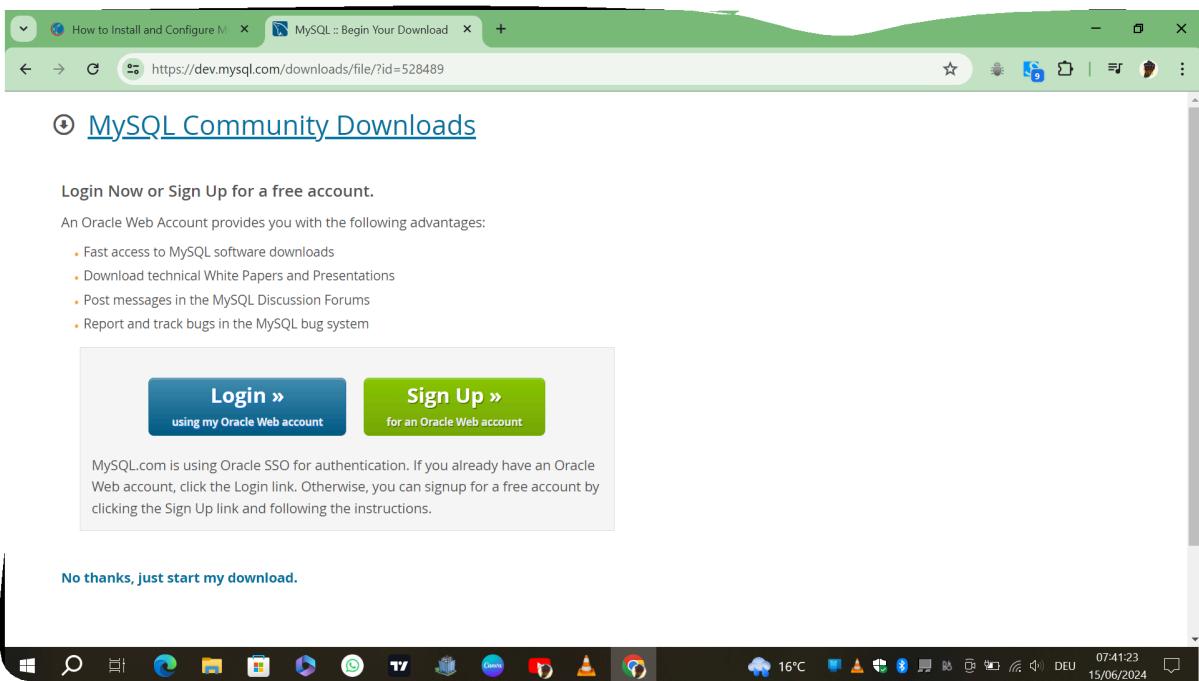
ii)i scroll and select window for download a msq1 installer



iii)Then select second download



I select no thanks ,just start my download
And download into my computer and follow the procedures for the installation into my computer



DE

MySQL Installer

Choosing a Setup Type

Please select the Setup Type that suits your use case.

Server only
Installs only the MySQL Server product.

Client only
Installs only the MySQL Client products, without a server.

Full
Installs all included MySQL products and features.

Custom
Manually select the products that should be installed on the system.

Setup Type Description
Installs only the MySQL Server. This type should be used when you want to deploy a MySQL Server, but will not be developing MySQL applications.

Next > Cancel

nitoshi

msql.mp4 - VLC media player

TCHITOS (Mix) PRAISE AND WORSHIP LIVE 07:52:23

MySQL Installer

Installation

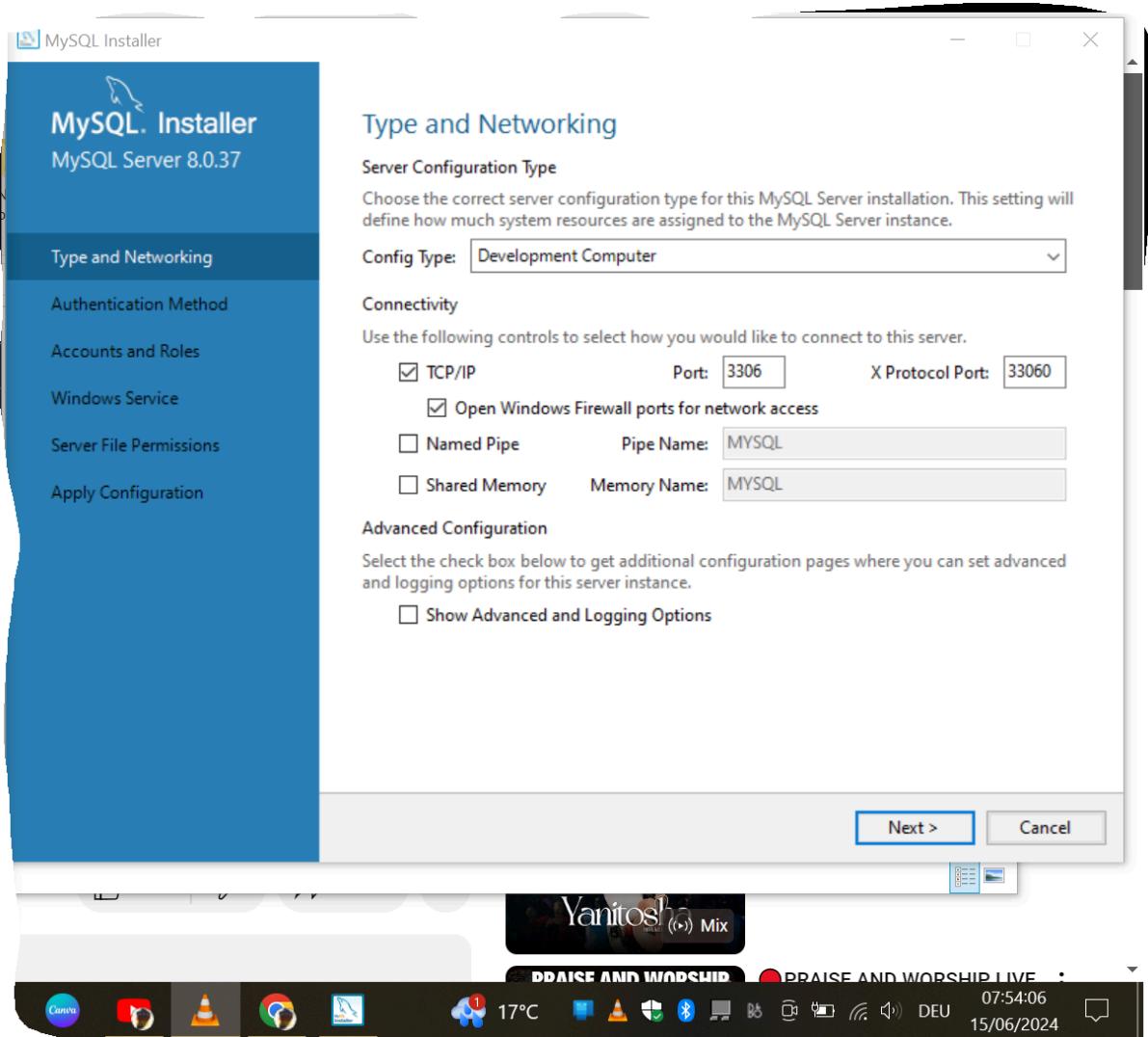
The following products will be installed.

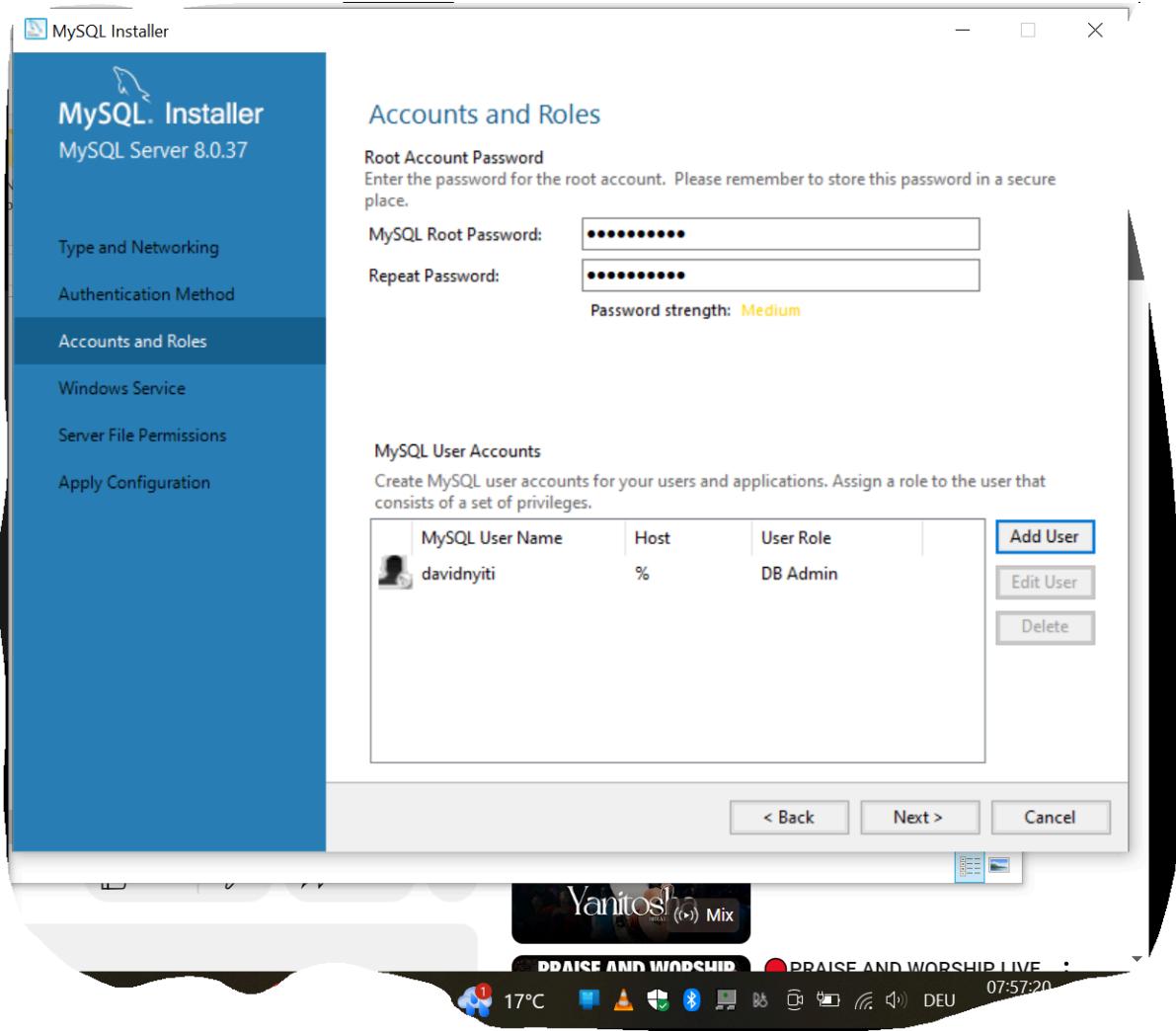
Product	Arch	Status	Progress	Notes
MySQL Server 8.0.37	X64	Ready to Install		

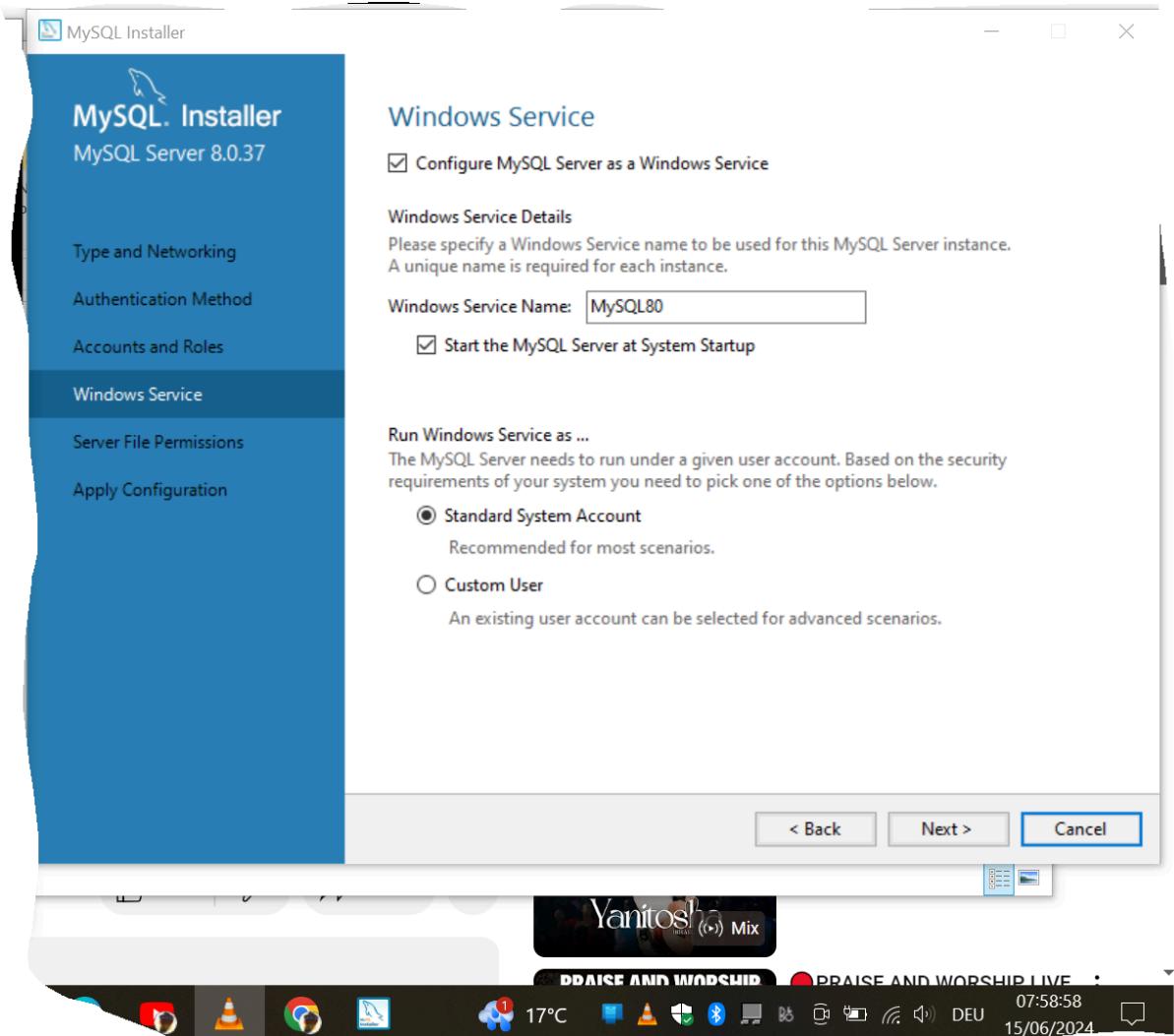
Click [Execute] to install the following packages.

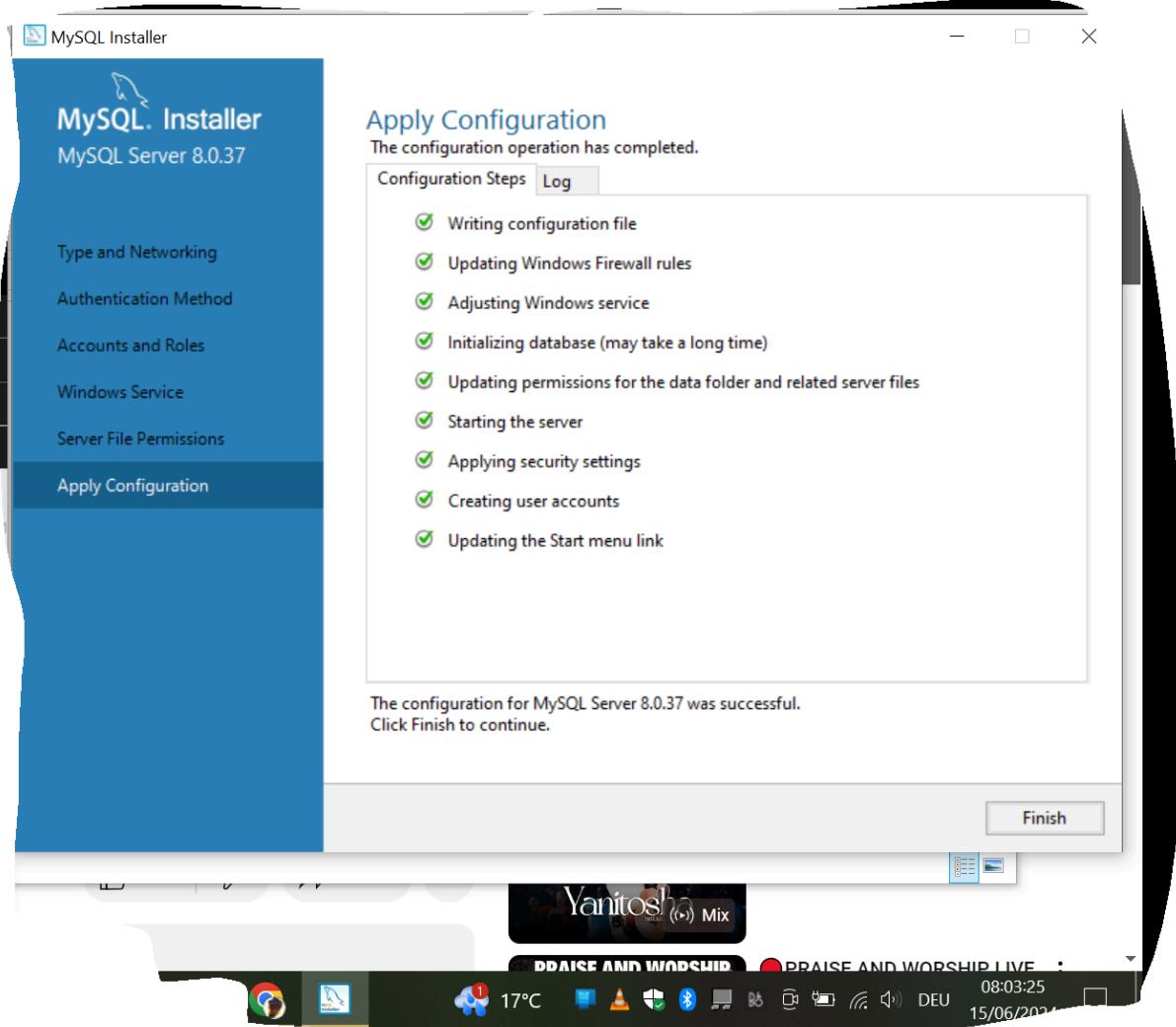
< Back Execute Cancel

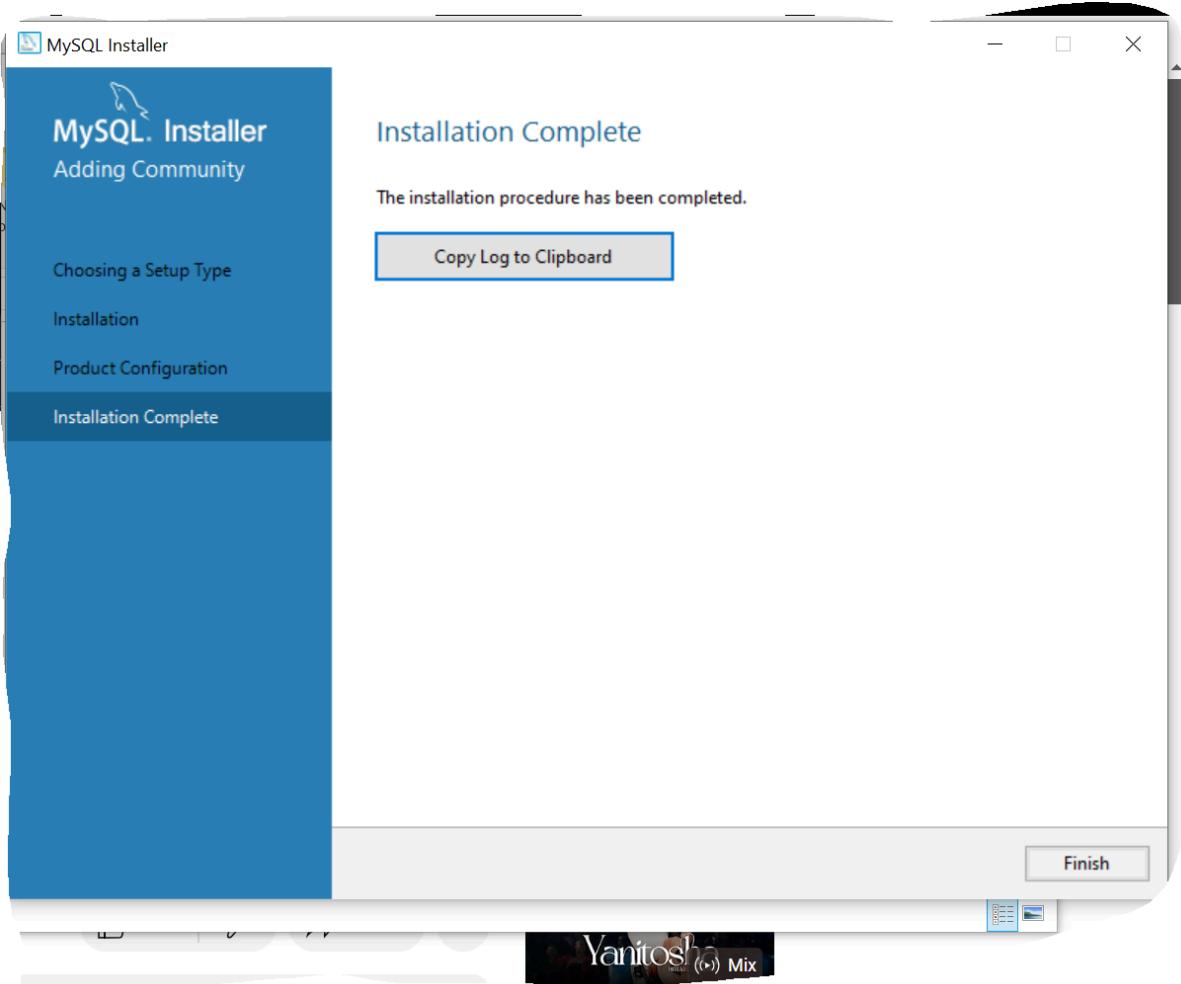
Yanitos (Mix) PRAISE AND WORSHIP LIVE 07:52:23











iv) After i finish install i go for configuration and initialization
To start server on the window to initiate into my computer

Administrator: Command Prompt

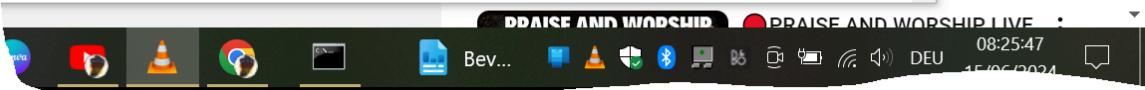
```
Microsoft Windows [Version 10.0.19045.4529]
(c) Microsoft Corporation. All rights reserved.

C:\windows\system32>"C:\Program Files\MySQL\MySQL Server 8.0\bin\mysqld" --console
2024-06-15T06:23:53.772020Z 0 [System] [MY-010116] [Server] C:\Program Files\MySQL\MySQL Server 8.0\bin\mysq
.0.37) starting as process 4232
2024-06-15T06:23:53.779839Z 0 [Warning] [MY-010091] [Server] Can't create test file C:\Program Files\MySQL\MySQL
8.0\data\mysqld_tmp_file_case_insensitive_test.lower-test
2024-06-15T06:23:53.779932Z 0 [Warning] [MY-010091] [Server] Can't create test file C:\Program Files\MySQL\MySQL
8.0\data\mysqld_tmp_file_case_insensitive_test.lower-test
2024-06-15T06:23:53.780646Z 0 [ERROR] [MY-013276] [Server] Failed to set datadir to 'C:\Program Files\MySQL\MySQL
8.0\data\' (OS errno: 2 - No such file or directory)
2024-06-15T06:23:53.782066Z 0 [ERROR] [MY-010119] [Server] Aborting
2024-06-15T06:23:53.783577Z 0 [System] [MY-010910] [Server] C:\Program Files\MySQL\MySQL Server 8.0\bin\mysq
complete (mysqld 8.0.37) MySQL Community Server - GPL.

C:\windows\system32>
```

The path in this command is the default installation folder. In case you have installed MySQL in a different folder, the command needs to reflect that to reach the mysqld executable file successfully.

The --console option displays output directly on your console. Omitting



Then i open a Mysql command line and type my password

```
MySQL 8.0 Command Line Client
Enter password: *****
Welcome to the MySQL monitor.  Commands end with ; or \g.
Your MySQL connection id is 13
Server version: 8.0.37 MySQL Community Server - GPL

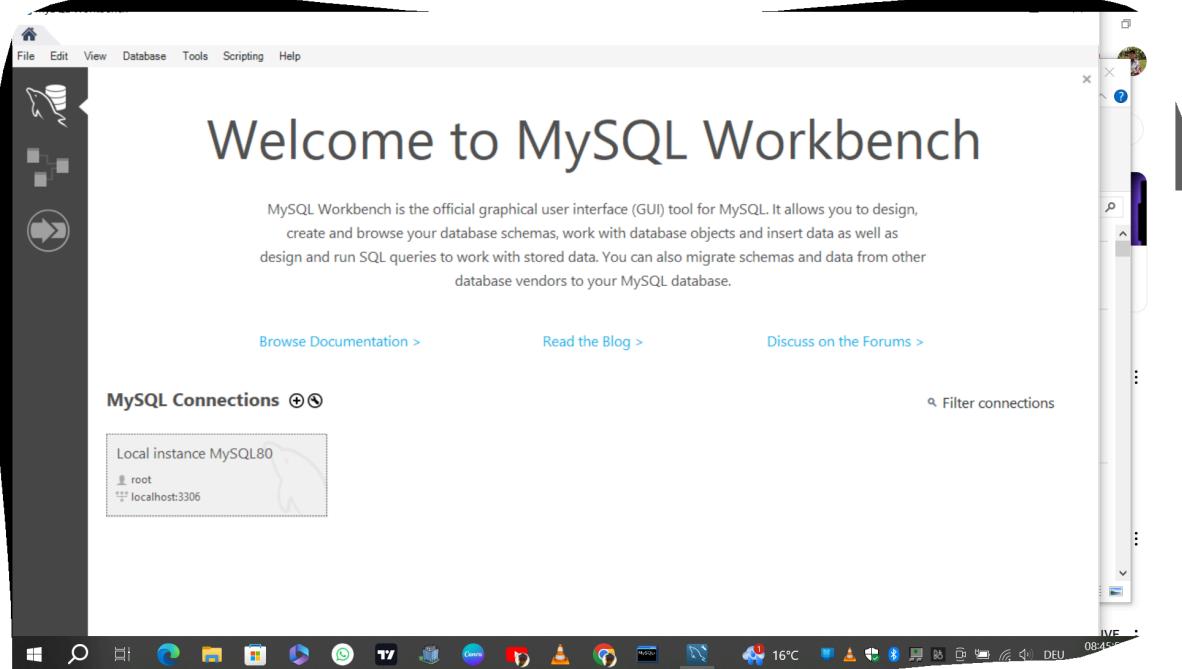
Copyright (c) 2000, 2024, Oracle and/or its affiliates.

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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>
```

I got to MySQL Workbench



Qn 8 navigation of extension as shown in the photo below i have like 17 extension ready for the coding.

