

**These are the steps I took to download and install Visual Studio Code (VS Code) on Windows 11:**

**Download Visual Studio Code Installer:**

- Opened Microsoft store
- Clicked "Download" button.
- It was installed

**Launch Visual Studio Code:**

- After installation, I launched VS Code by searching for "Visual Studio Code" in the Start menu then clicking it

**Set Up Preferences (Optional):**

- Upon first launch, I configured preferences like the default theme (such as Dark+ (default dark)), font size, and other settings.

**Install Extensions (Optional but Recommended):**

- Explored the Extensions Marketplace within VS Code (clicked on the Extensions icon in the Activity Bar on the side or press Ctrl+Shift+X).
- Searched for and installed extensions needed for my development environment (e.g., Python).

**Challenges with Visual Studio Code**

The challenge I encountered involved running Python within Visual Studio Code.

**These are the steps I took to download and My SQL on Windows 11:**

**Download MySQL Installer:**

- Followed a tutorial on Phoenixnap website “**Download MySQL Installer for Windows**”
- Visited the official MySQL website
- Navigated to the downloads section.
- Downloaded the MySQL Installer for Windows

**Set Up MySQL Installer for Windows**

- Accepted the license agreement terms

**Choosing a setup type**

- I chose “server only”

## Under installation

- Clicked **Execute** to begin the installation process.

## Configure MySQL Server on Windows

- Standalone MySQL Server

## Type and Networking

- Dedicated computer
- Clicked Show advanced and logging options

## Authentication method

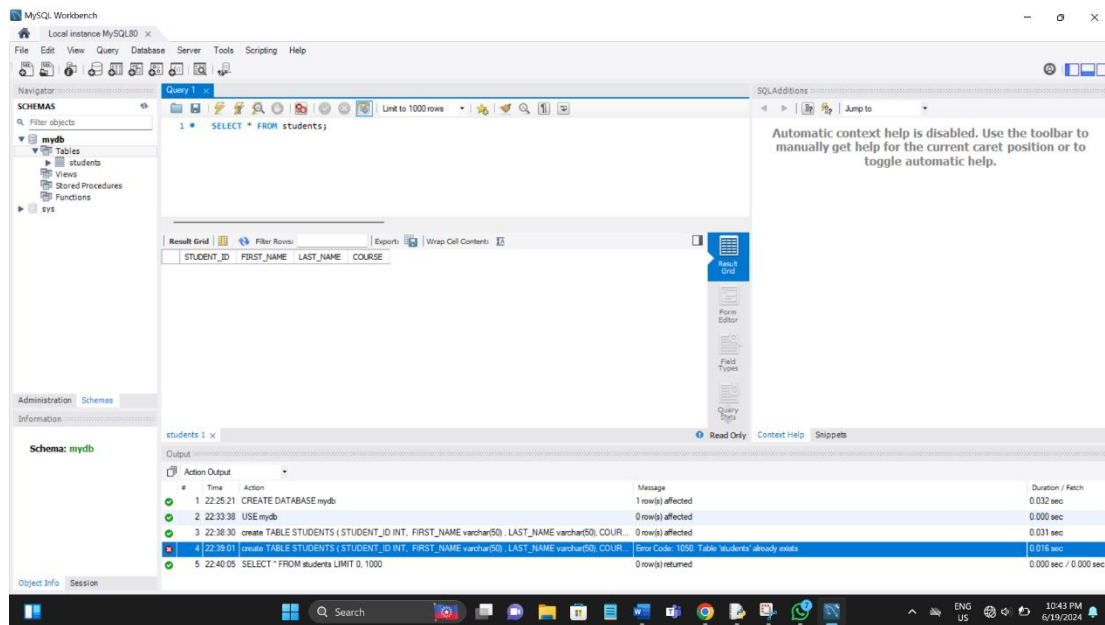
- Selected the “Use Strong Password Authentication” option.

## Accounts and Roles

- Entered MySQL root password

Applied the configuration by clicking “Execute”, configuration was complete

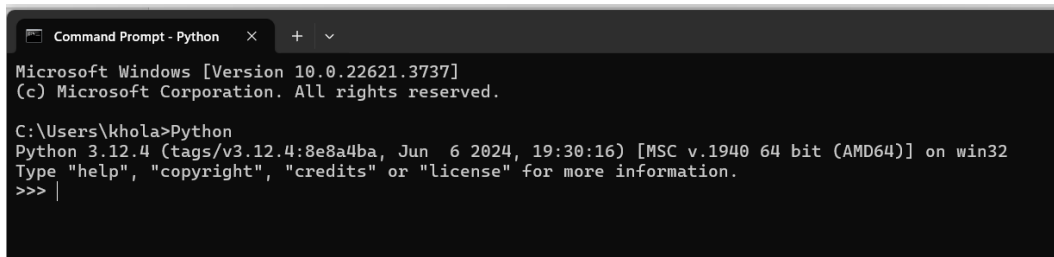
Installed MySQL workbench and attempted to create my first table



The challenge I encountered with my SQL is that I had forgotten MySQL root password , I overcame this challenge by following youtube videos to reset my password

## These are the steps I took to download and install Python on Windows 11:

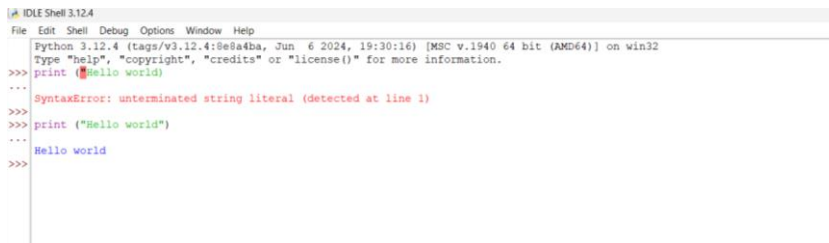
- Visited python.org
- Downloaded Python 3.12.4
- Installed Python
- Called Python from Command Line Prompt, which showed me that it was successfully installed



```
Command Prompt - Python
Microsoft Windows [Version 10.0.22621.3737]
(c) Microsoft Corporation. All rights reserved.

C:\Users\khola>Python
Python 3.12.4 (tags/v3.12.4:8e8a4ba, Jun 6 2024, 19:30:16) [MSC v.1940 64 bit (AMD64)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
>>> |
```

- Clicked windows button
- Searched for Python IDLE
- Printed “Hello World”



```
IDLE Shell 3.12.4
File Edit Shell Debug Options Window Help
Python 3.12.4 (tags/v3.12.4:8e8a4ba, Jun 6 2024, 19:30:16) [MSC v.1940 64 bit (AMD64)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
>>> print (Hello world)
...
SyntaxError: unterminated string literal (detected at line 1)
>>>
>>> print ("Hello world")
...
Hello world
>>>
```

There were no Challenges with installing Python