

Lesson 04 Demo 01

Installing GitHub Copilot in Visual Studio Code

Objective: To install and configure GitHub Copilot in VS Code for AI-powered coding assistance

Tools required: Visual Studio Code (VS Code)

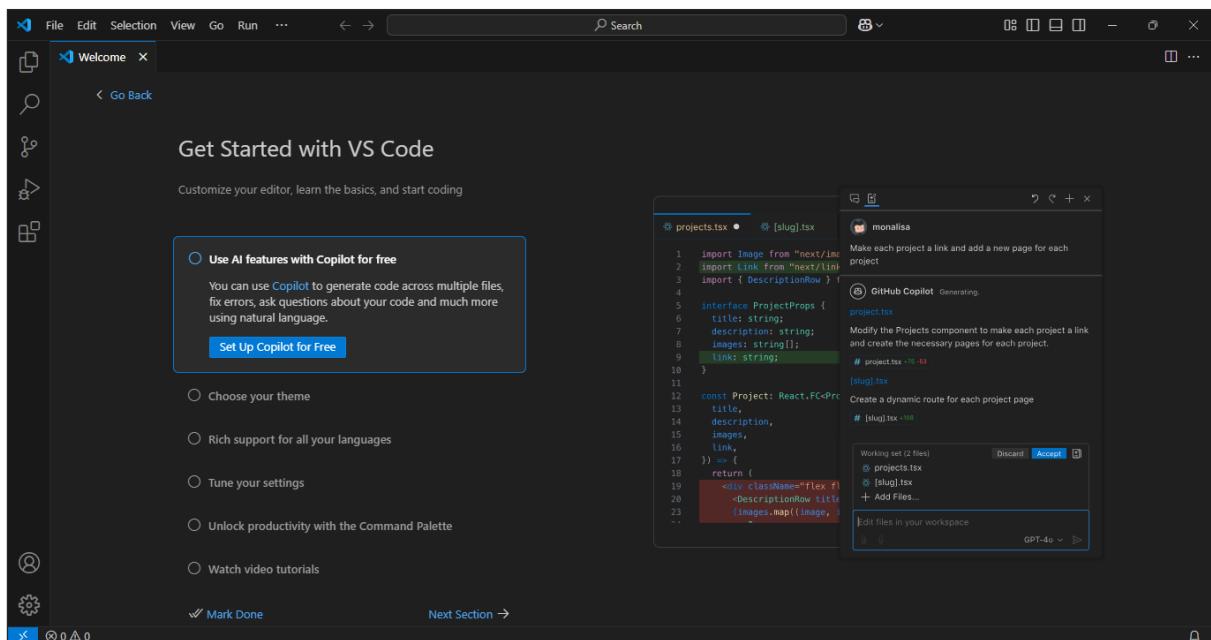
Prerequisites: GitHub account

Steps to be followed:

1. Install the Python extension in VS Code
2. Sign in to GitHub
3. Enable GitHub Copilot
4. Verify the functionality of Copilot

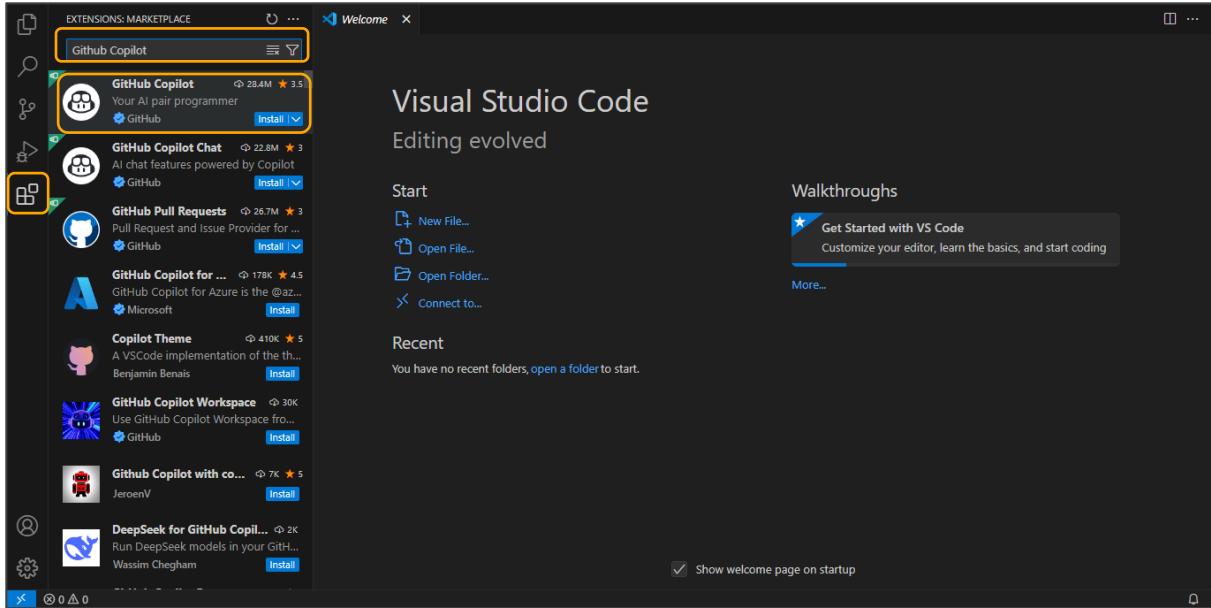
Step 1: Install the Python extension in VS Code

1.1 Launch the VS Code application on your system

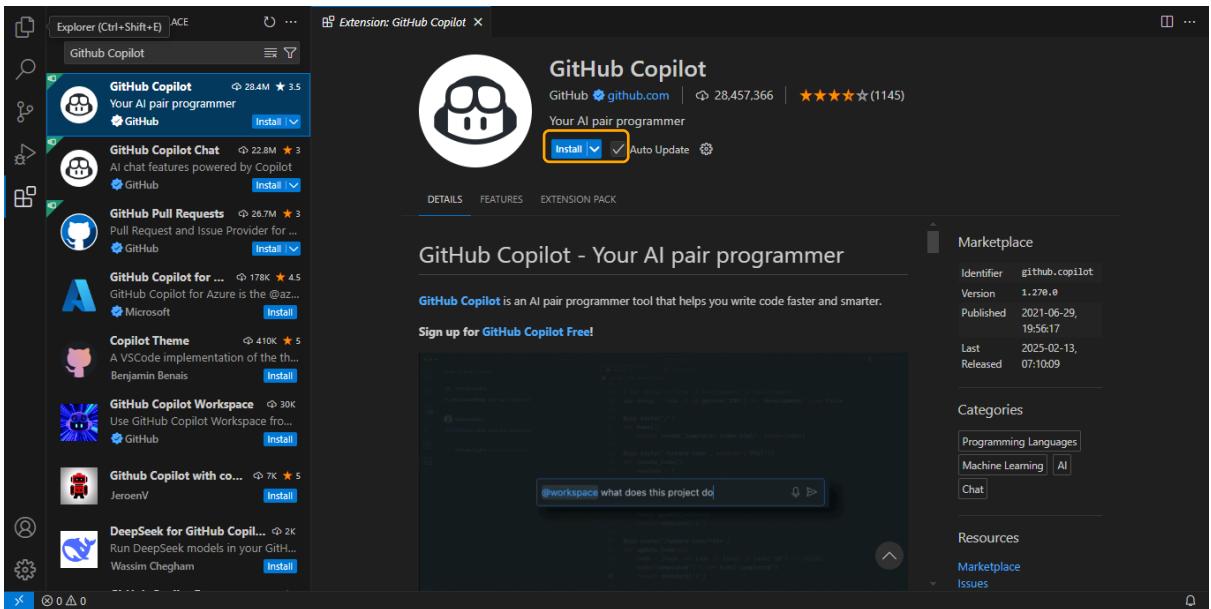


Note: If you do not have VS Code installed, download it from <https://code.visualstudio.com/>

1.2 Click on the **Extensions** icon (or press Ctrl + Shift + X), type **GitHub Copilot** in the search bar, and select the **GitHub Copilot** extension as shown below:

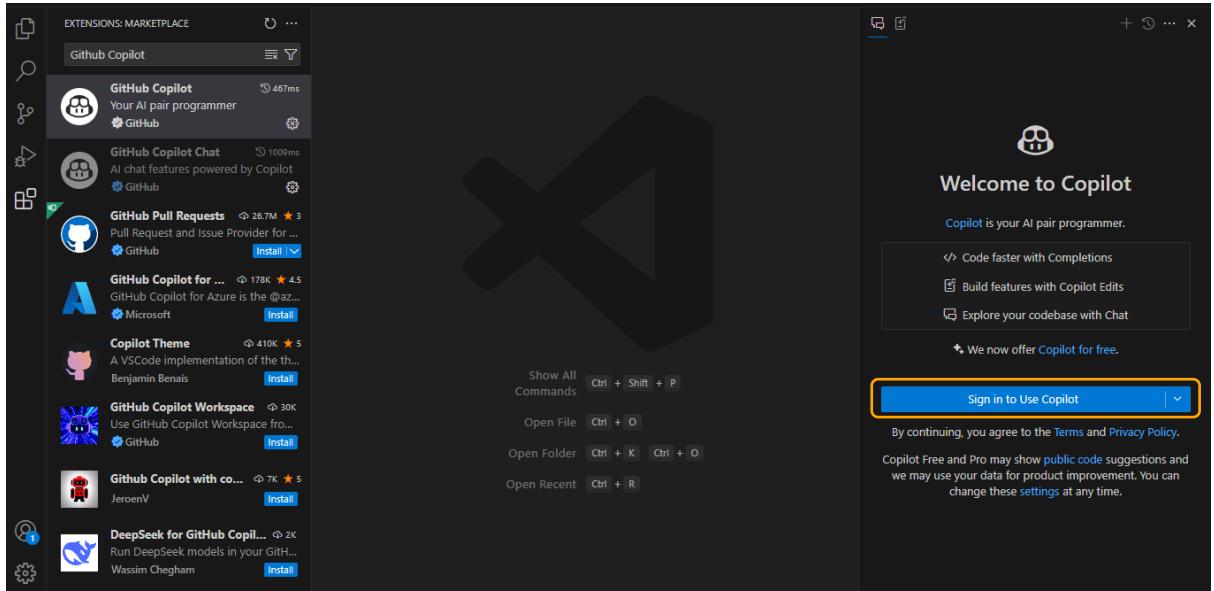


1.3 Click on **Install** to enable GitHub Copilot in VS Code

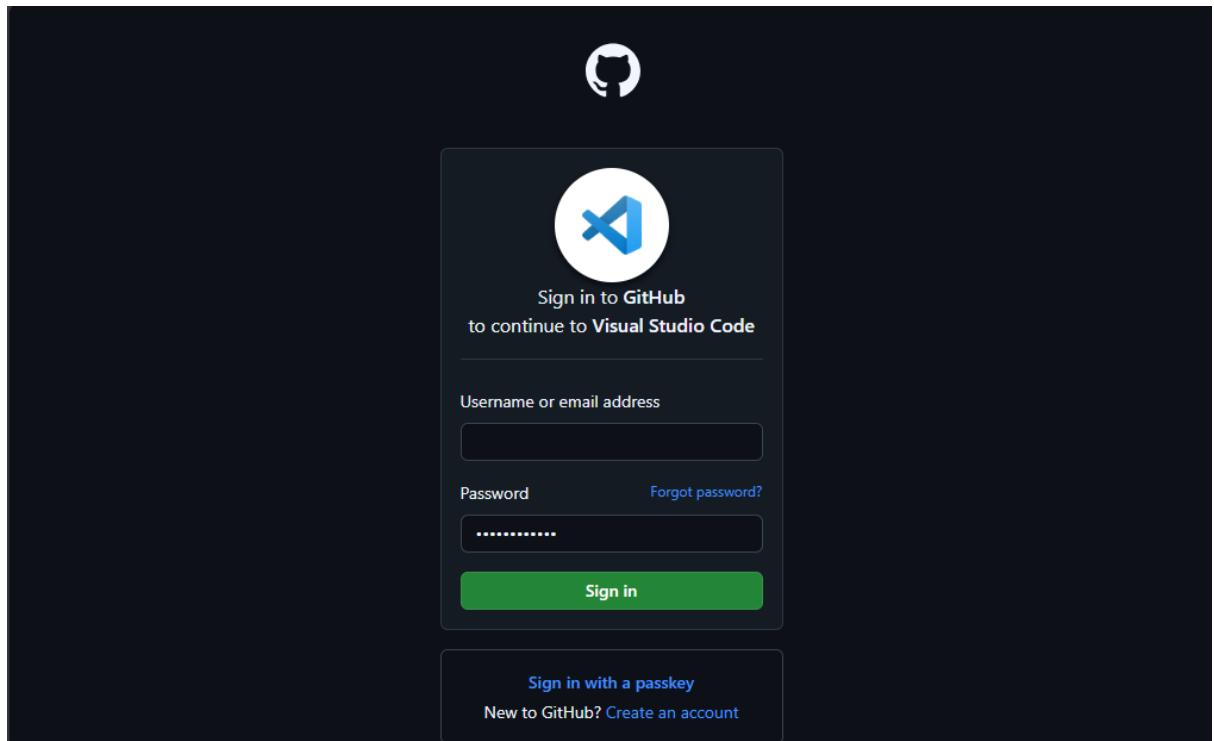


Step 2: Sign in to GitHub

2.1 After installation, click on Sign in to Use Copilot

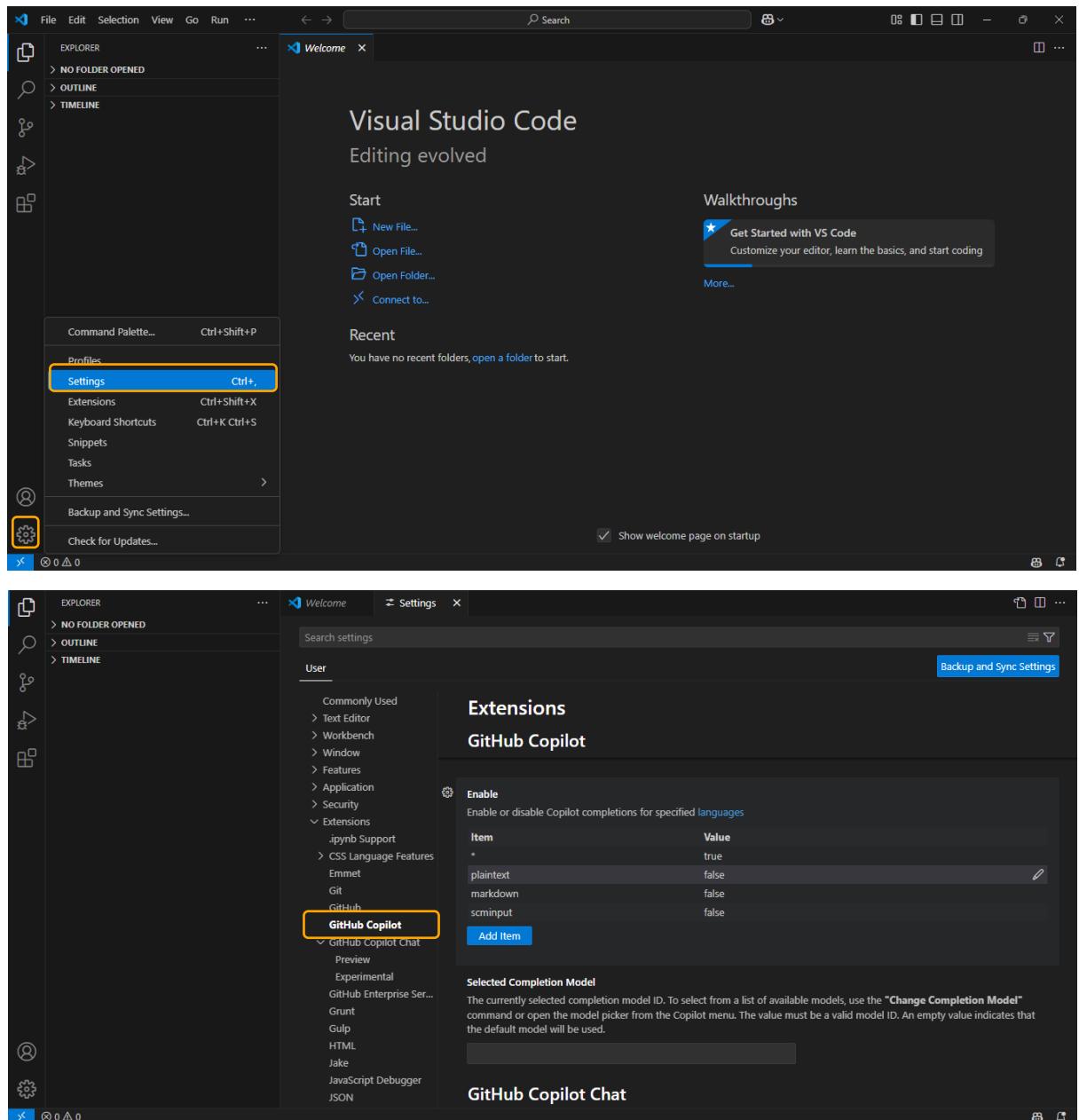


2.2 Sign in to your GitHub account using your credentials

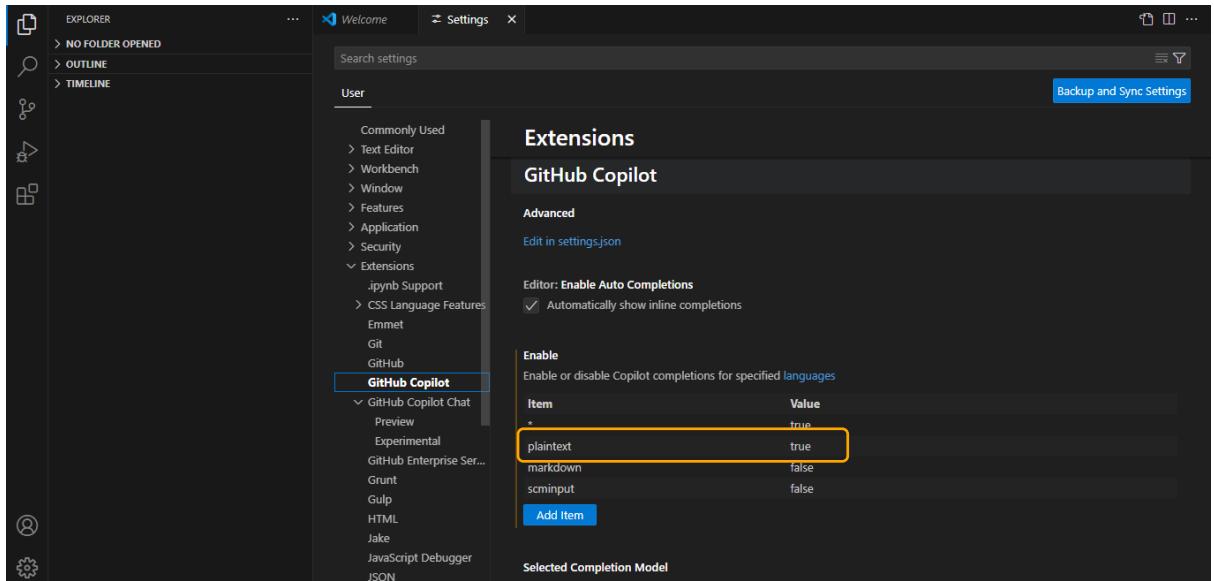


Step 3: Enable GitHub Copilot

3.1 Once signed in, navigate to **Settings** and click on **GitHub Copilot**

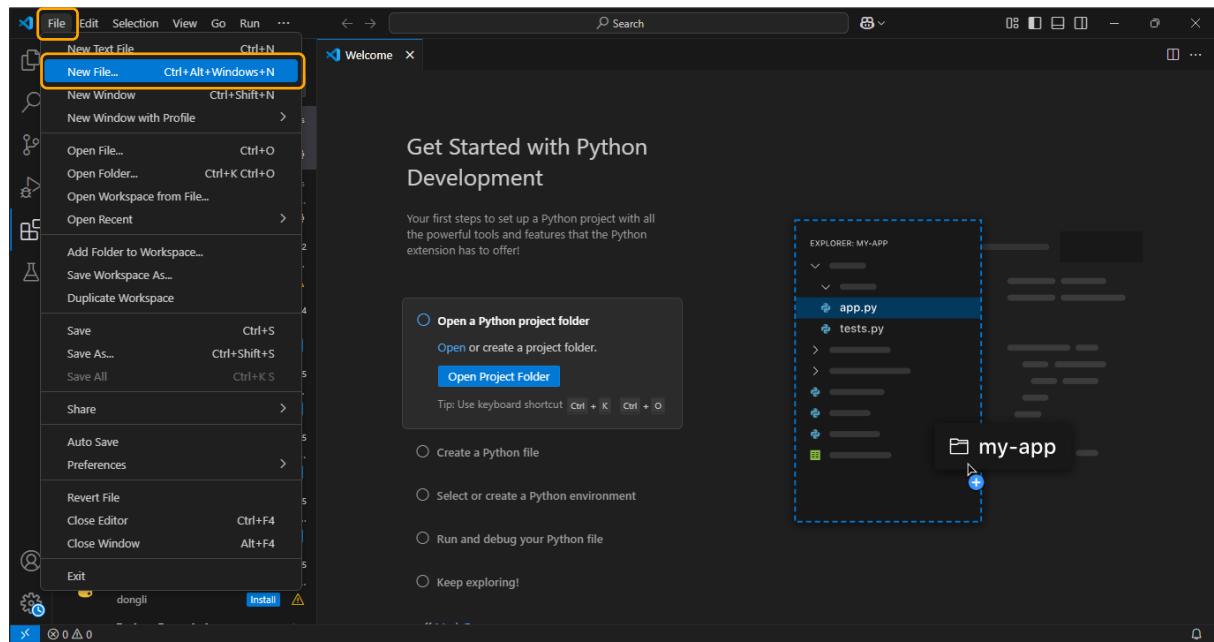


3.2 Enable `plaintext` by changing its value to `true`

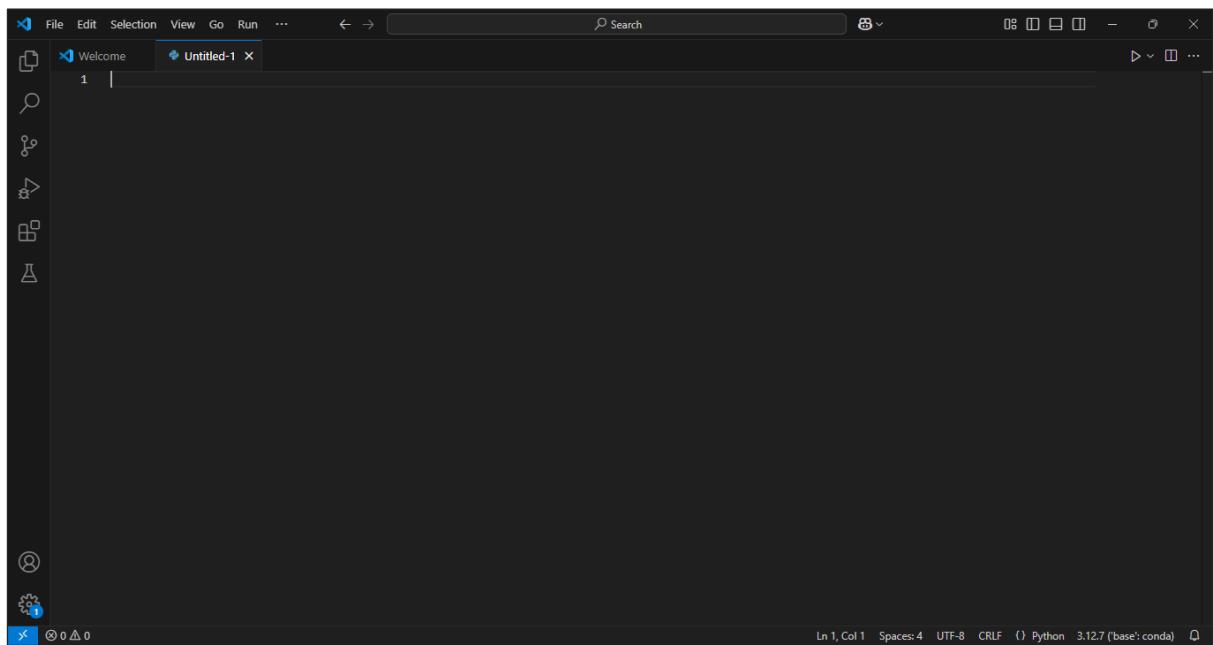
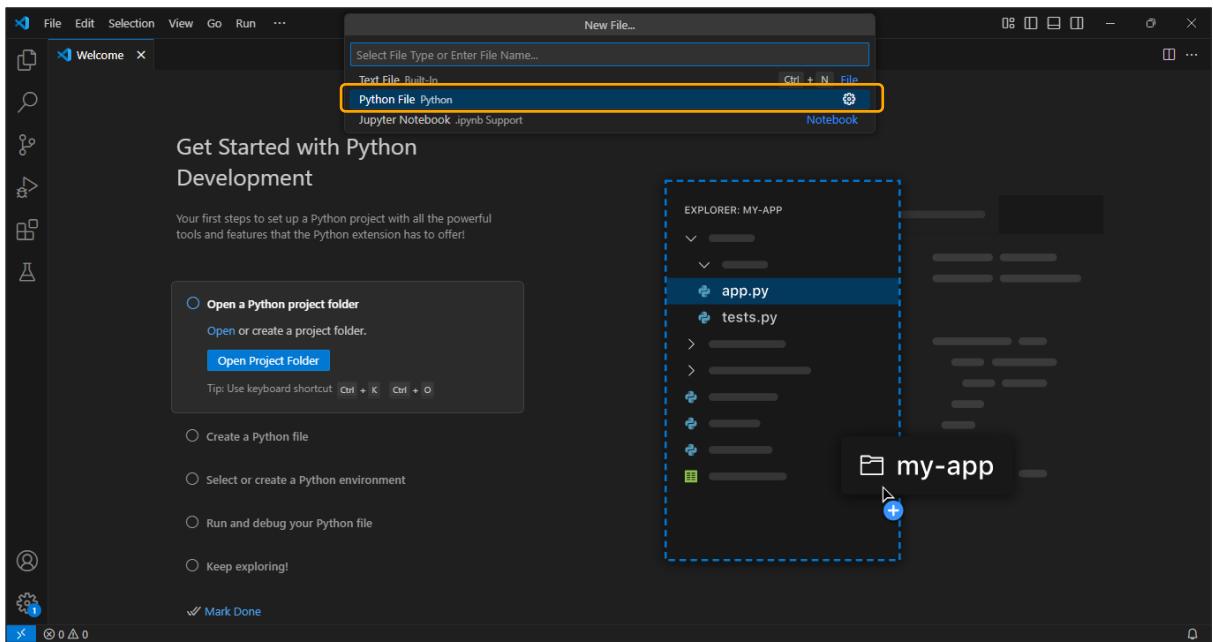


Step 4: Verify the functionality of Copilot

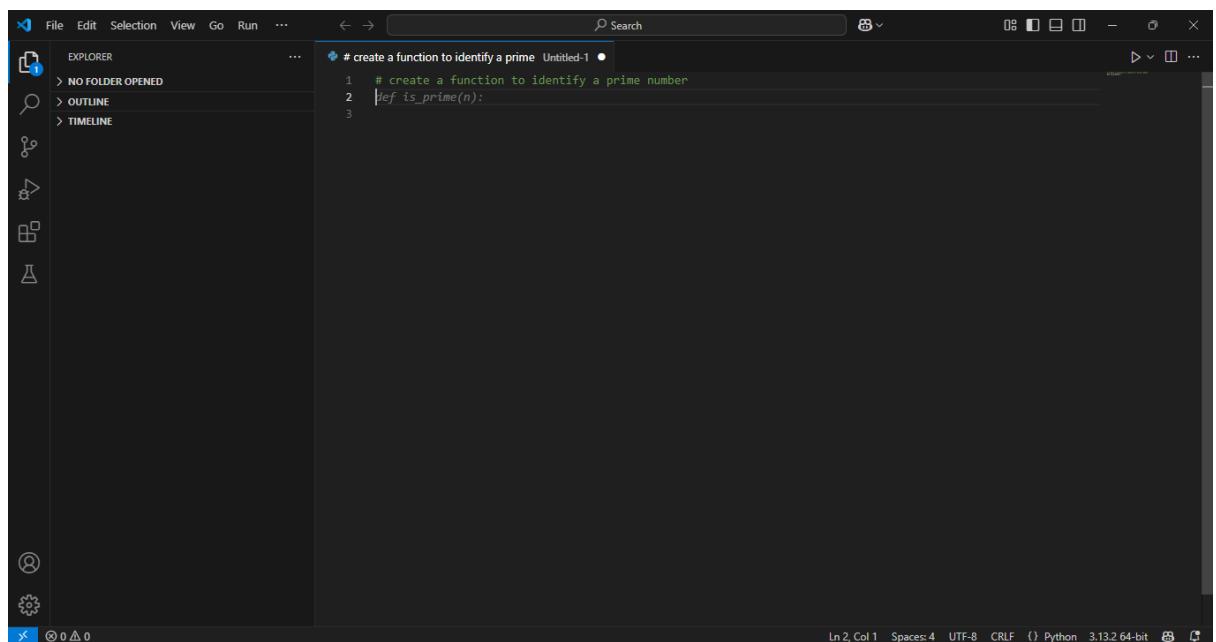
4.1 Click on File and then New File... to open a new Python file



4.2 In the name bar, select the **Python File** option and a new Python file named Untitled-1 will open



4.3 Start typing a function, and Copilot should suggest code completions



A screenshot of the Visual Studio Code (VS Code) interface. The left sidebar shows the Explorer, Outline, and Timeline sections. The main editor area has a dark theme and displays the following Python code:

```
# create a function to identify a prime Untitled-1
1 # create a function to identify a prime number
2 if is_prime(n):
3
```

The status bar at the bottom right indicates the file is 3.13.2 64-bit, and the current settings are Python 3.13.2 64-bit.

By following these steps, you have successfully installed and configured GitHub Copilot in VS Code. You can now leverage AI-powered coding assistance to boost productivity, reduce repetitive tasks, and enhance code quality.