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

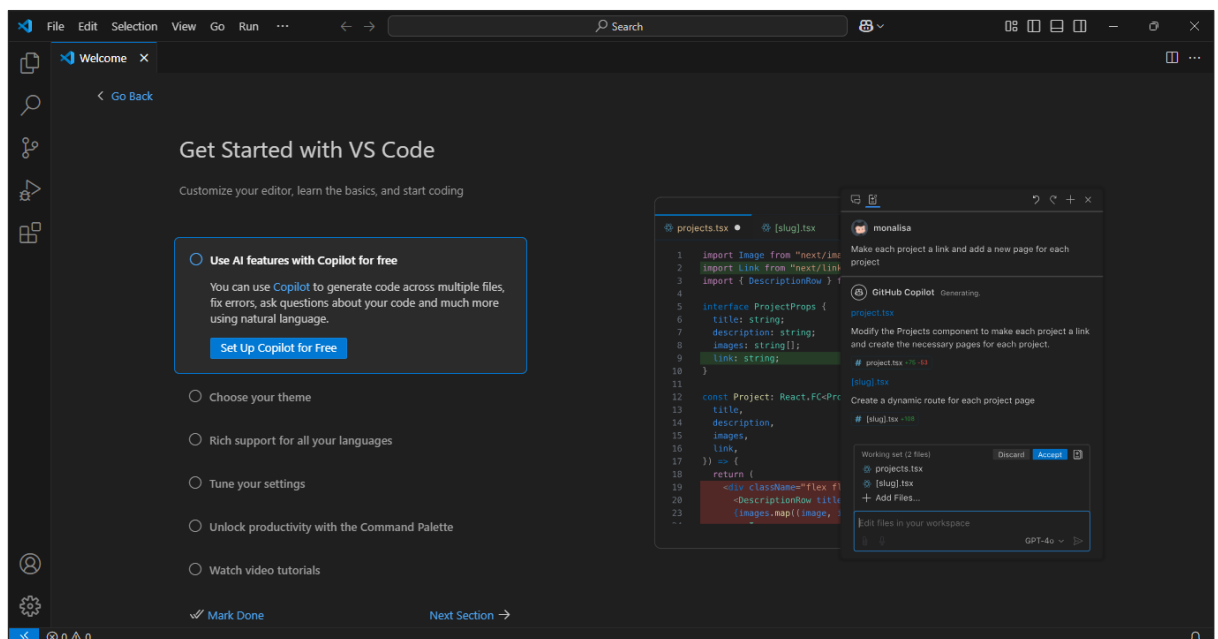**Tools required:** Visual Studio Code (VS Code)

Prerequisites: GitHub account

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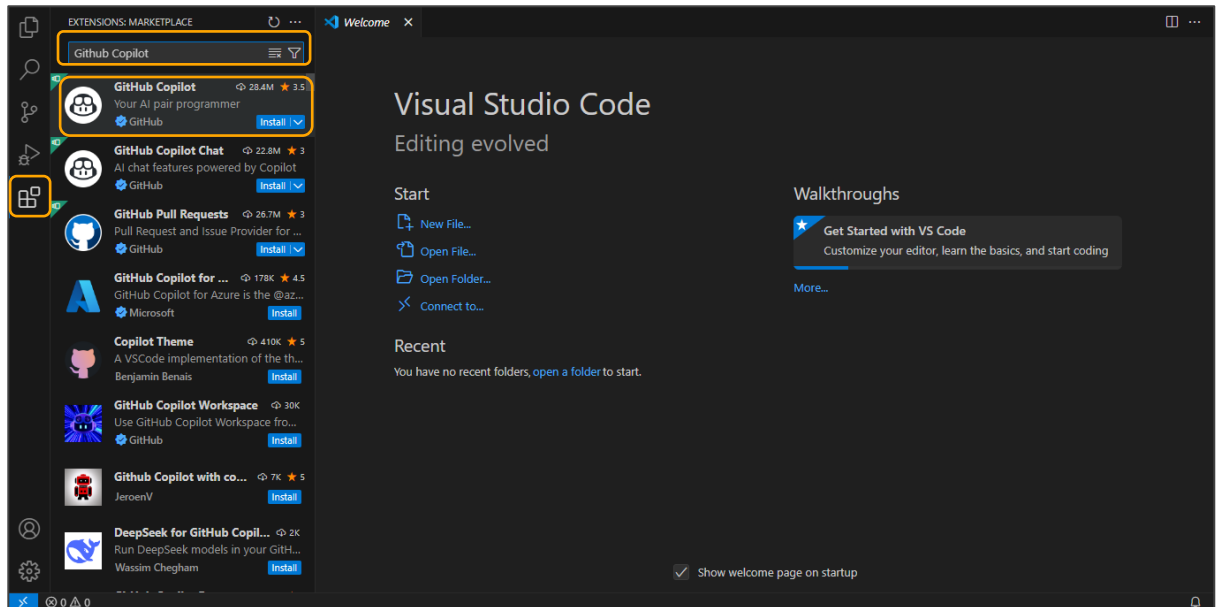4. Verify the functionality of Copilot

Step 1: Install the Python extension in VS Code
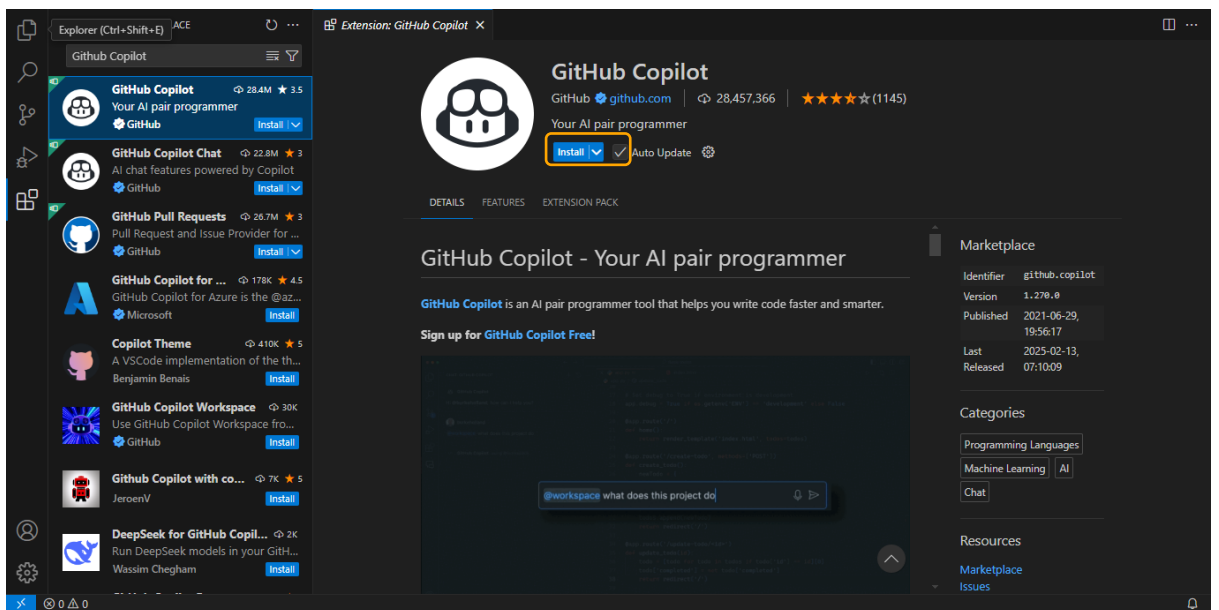
1.1 Launch the VS Code application on your system

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:
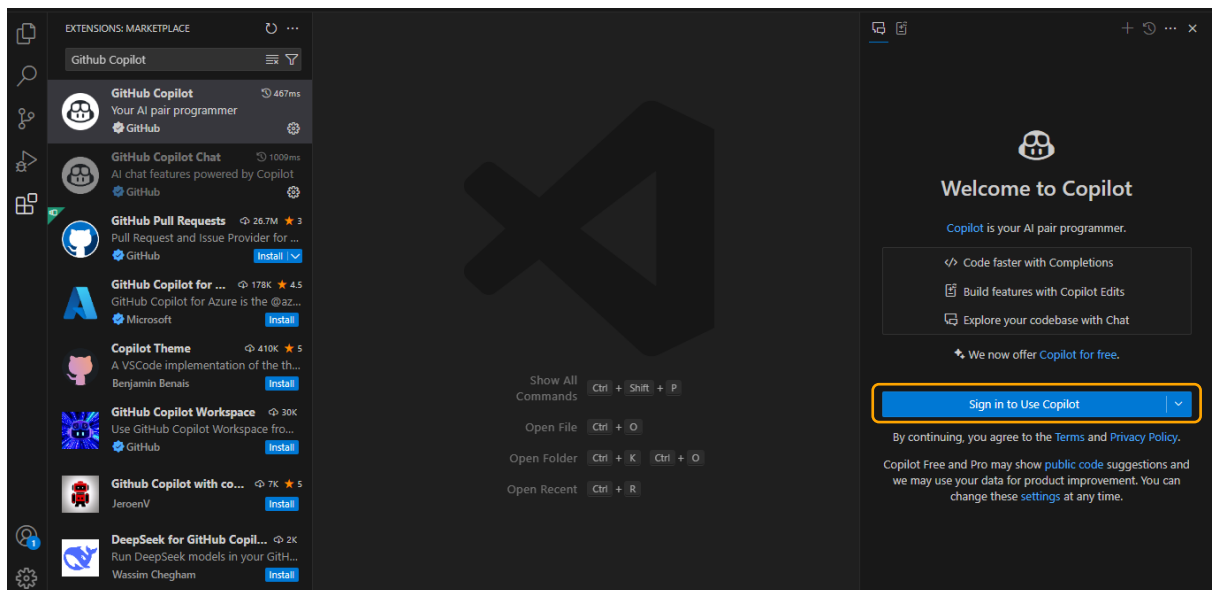

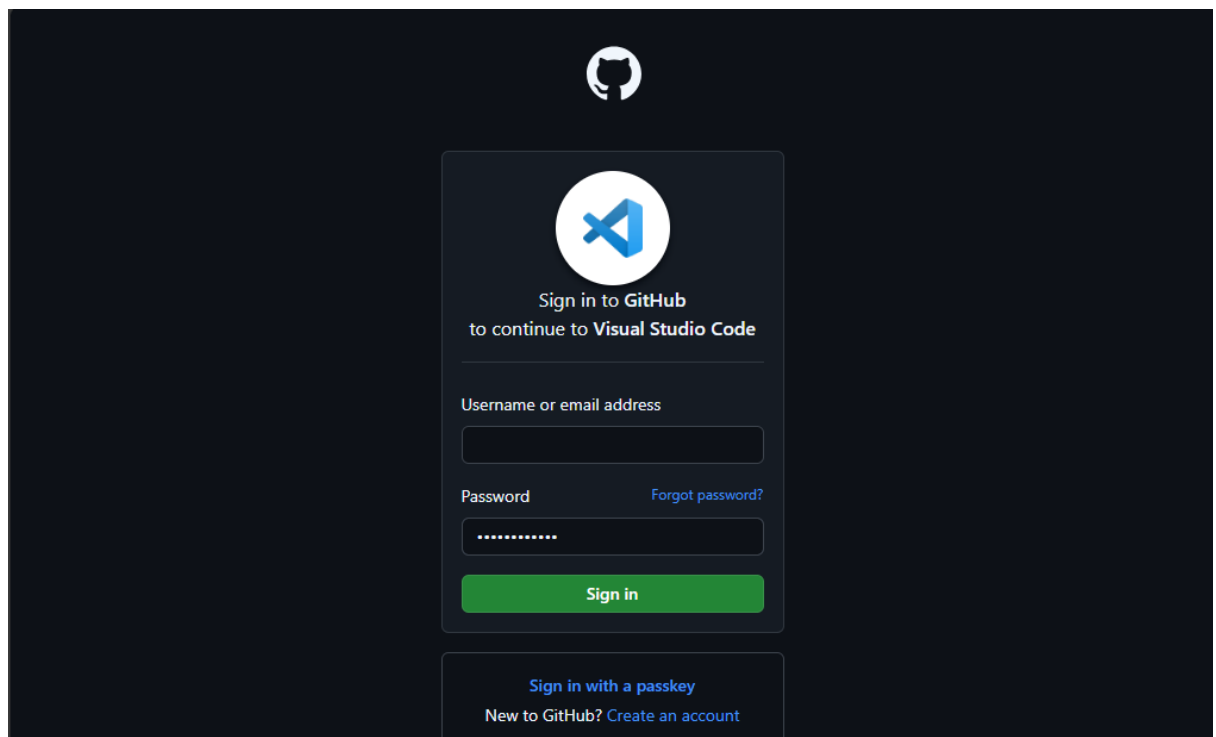1.3 Click on **Install** to enable GitHub Copilot in VS Code

Step 2: Sign in to GitHub

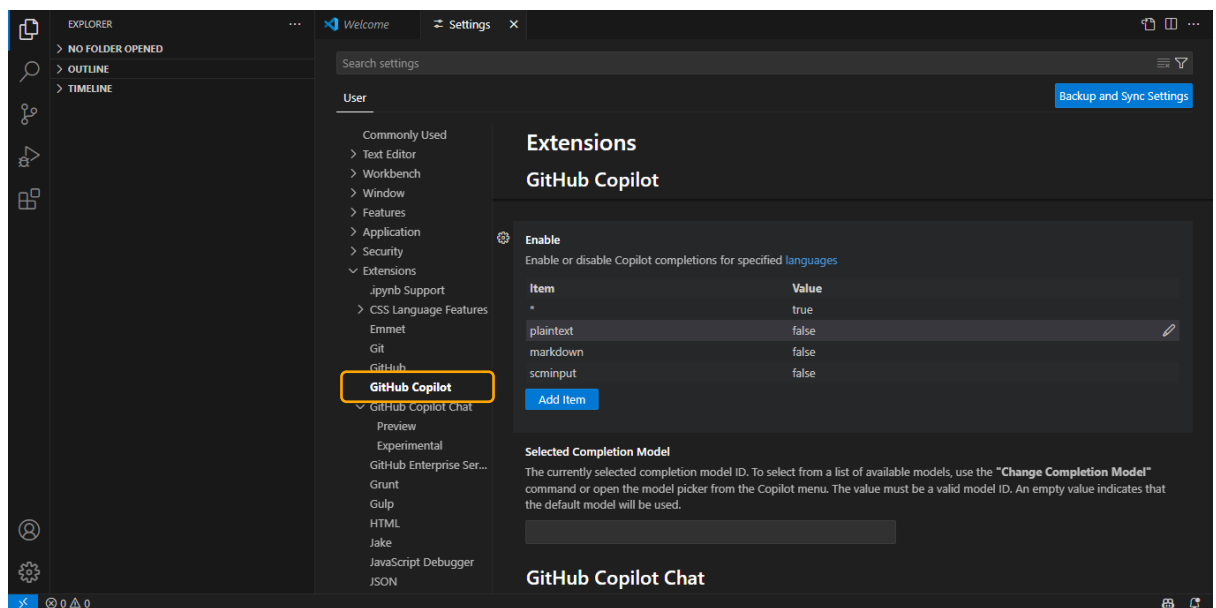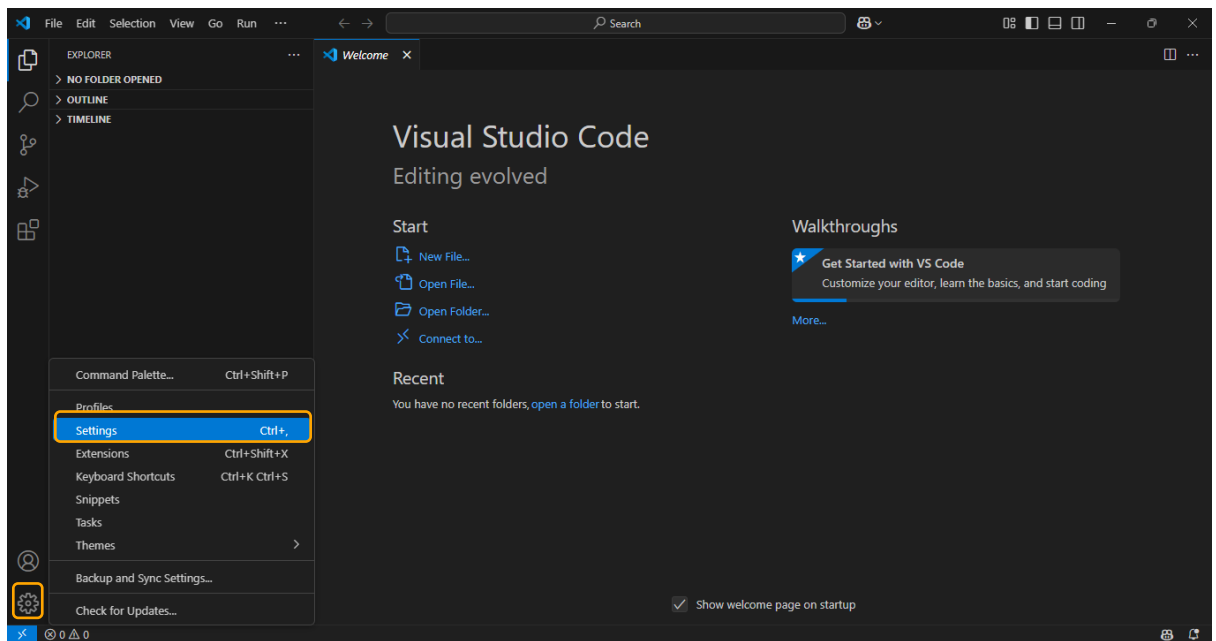2.1 After installation, click on **Sign in to Use Copilot**

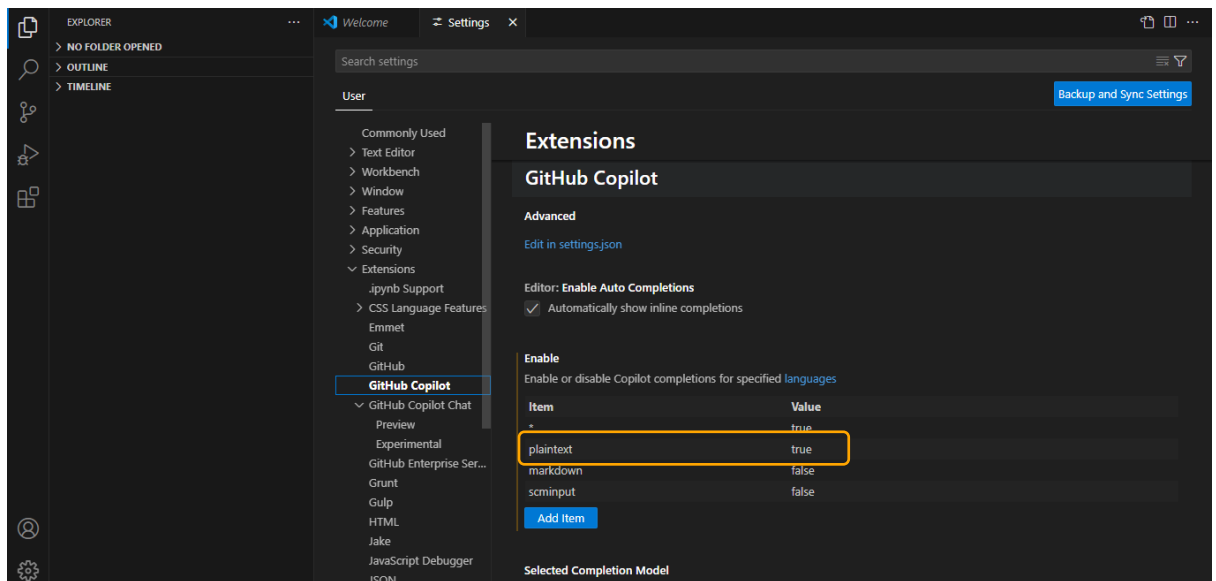2.2 Sign in to your GitHub account using your credentials

Step 3: Enable GitHub Copilot

3.1 Once signed in, navigate to **Settings** and click on **GitHub Copilot**
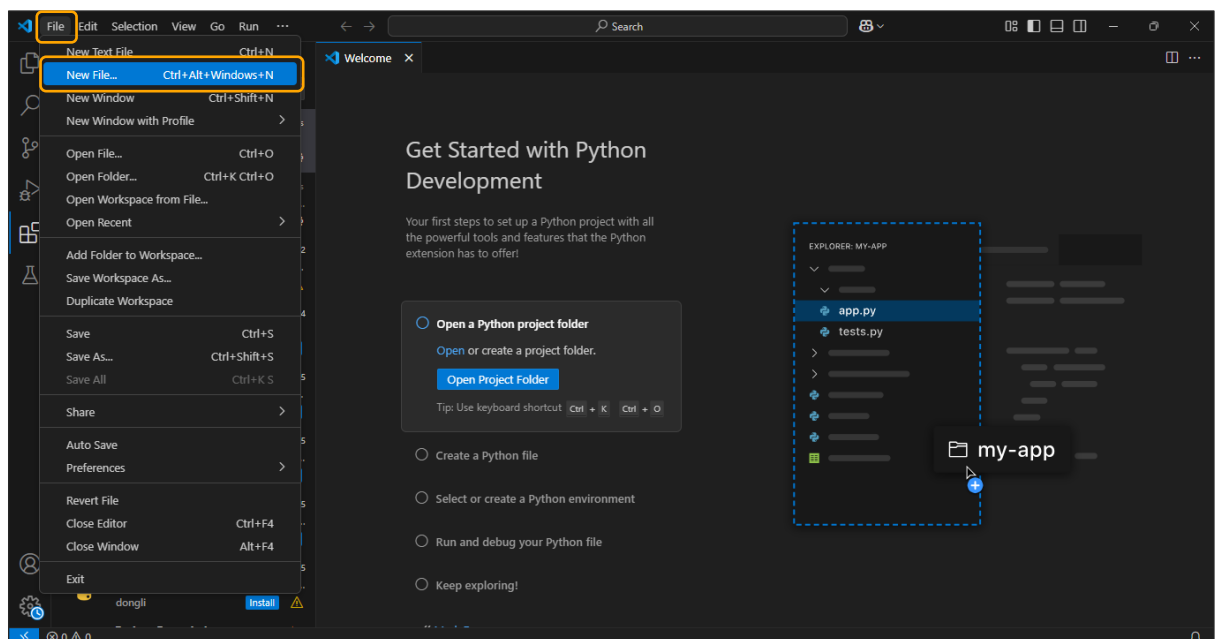
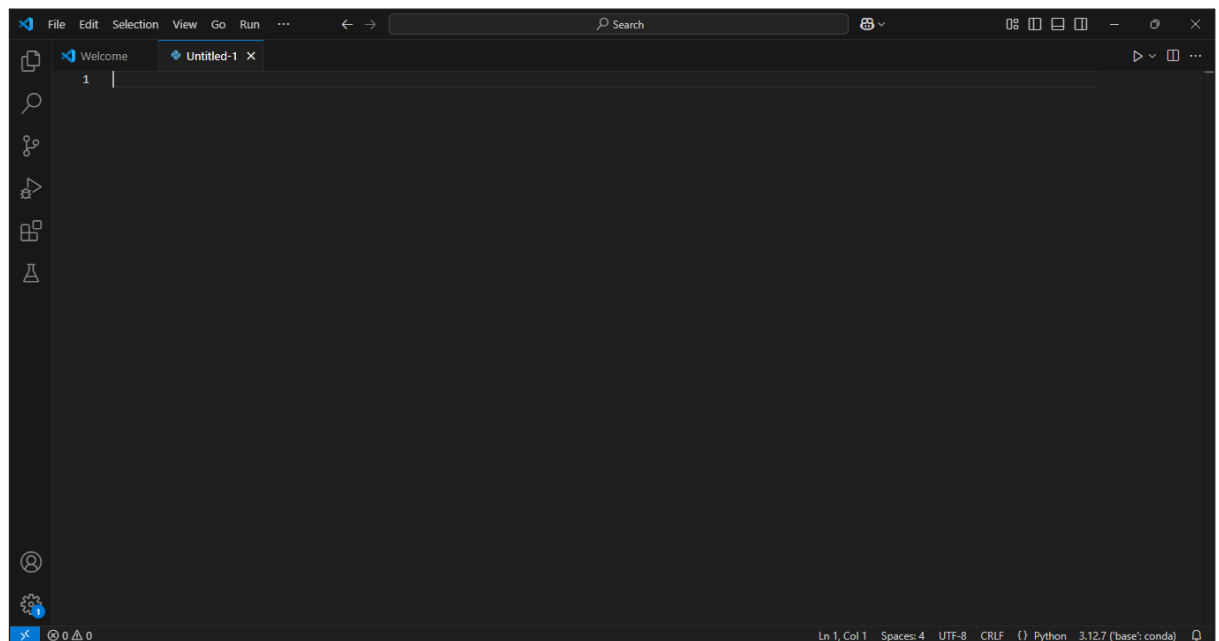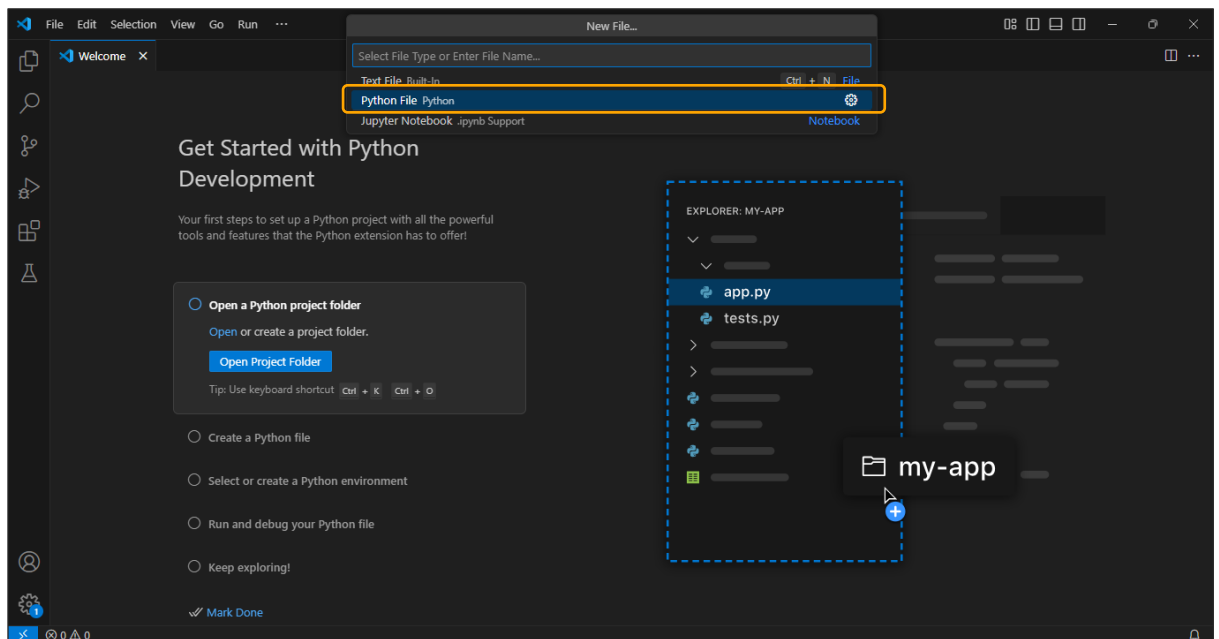3.2 Enable **plaintext** by changing its value to **true**
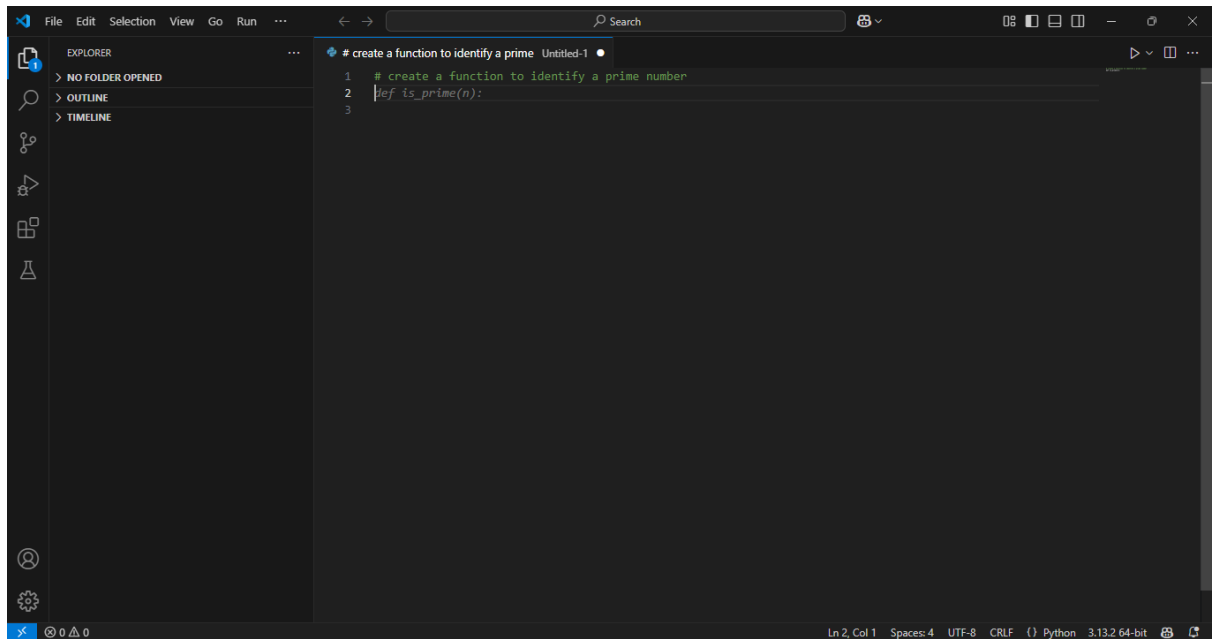

Step 4: Verify the functionality of Copilot

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

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.