# Quick Note: Setting up VS Code + Copilot Agent

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## 1. Install VS Code

- Go to `https://code.visualstudio.com/`

- Download for your OS (Windows, macOS, Linux).

- Install with default settings.

## 2. Install GitHub Copilot Extension

- Open VS Code.

- Click the **Extensions** tab (left sidebar, square icon).

- Search for **GitHub Copilot** and install it.

- Also install **GitHub Copilot Chat** for chatbot-style interaction.

## 3. Sign In with GitHub

- After installing, a pop-up will ask you to sign in with your GitHub account.

- Use your school email to verify student status through the GitHub Education Pack.

- Once verified, you'll have **free Copilot Pro**, which includes the new Copilot Agent.

## 4. Enable Copilot Agent

- In VS Code, open the **Copilot Chat** panel.

- You can now:

  - Chat with Copilot like a chatbot.
  - Ask it to generate or edit code across your repository.
  - Accept or reject changes via diffs.

## 5. Test It Out

- Create a new folder and add a `main.py` file.

- In the chat, type: *"Write a Python program that prints Hello World."*

- Copilot will generate and insert the code.

- Try a bigger request: *"Make this a simple web calculator with a UI."*

## Tips for Students

- Free for students through the GitHub Education Pack.

- Works on any project you open in VS Code.

- Best way to learn: start with a small repo, let Copilot edit files, and review the changes.