

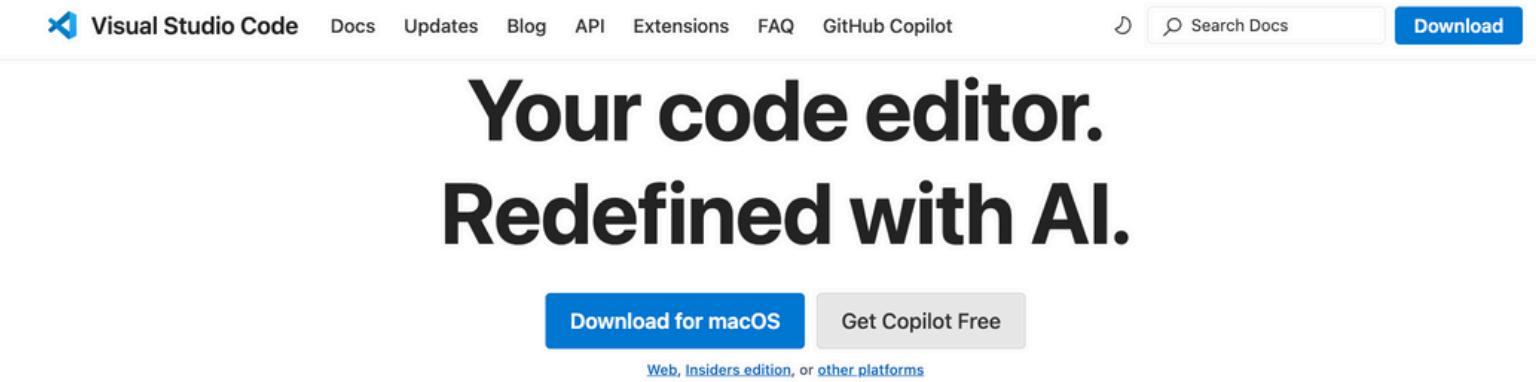
# Nano Movie Recommender System



CLASS 3 - PART 2  
HOW TO SET UP THE DEVELOPMENT  
ENVIRONMENT (VS CODE)

Yaoyao(Freax) Qian  
[h-freax.github.io](http://h-freax.github.io)

# What is VSCode?



# A Document Editor for Code

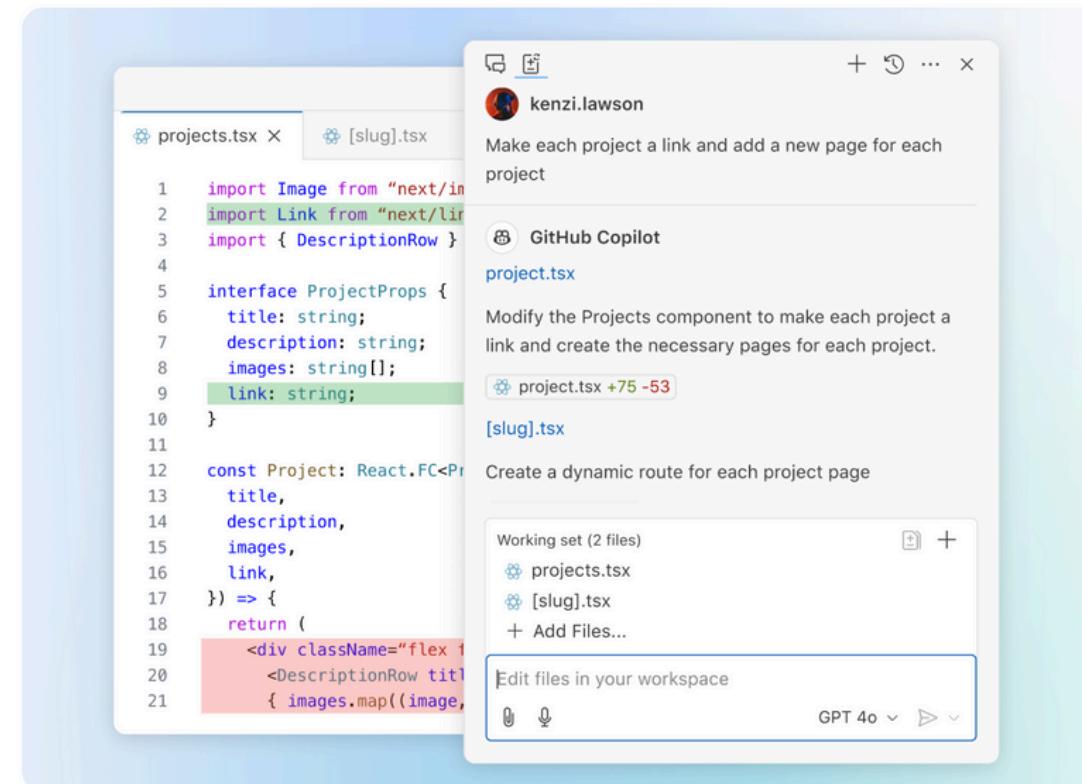
| Feature                                       | Document Editor<br>(Word, Google Docs) | VS Code  |
|---|--|--|
| Writes text                                   | Yes                                    | Yes  |
| Formats text (bold, italic, etc.)             | Yes                                    | Yes (syntax highlighting for code)             |
| Checks for mistakes (spell check)             | Yes                                    | Yes (error detection in code)                  |
| Saves files                                   | Yes                                    | Yes  |
| Works with different file types (.docx, .txt) | Yes                                    | Yes (.py for Python, .js for JavaScript, etc.) |

# What is VSCode

## Multi-file edits

Describe what you want to build in natural language, and Copilot Edits takes care of the rest. Copilot Edits makes changes across files in your codebase with a UI designed for rapid iteration. It's the fastest way to add new functionality to your apps.

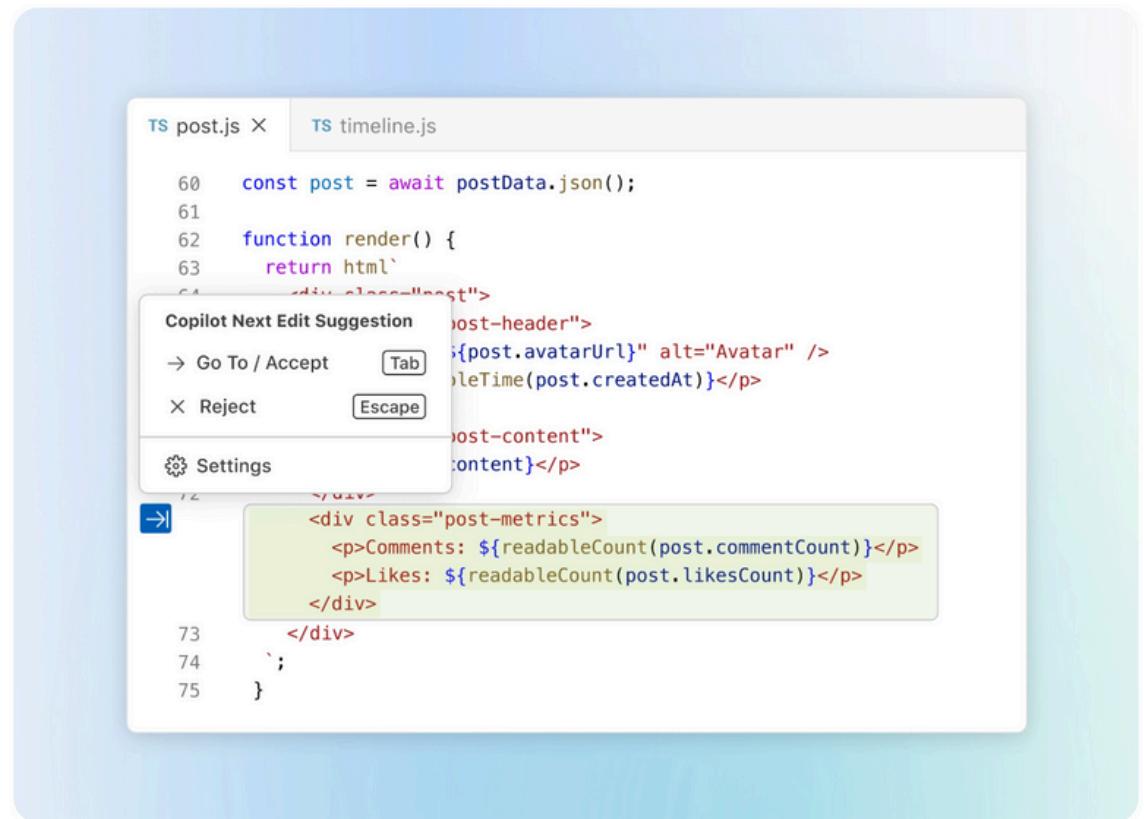
[Build with Copilot Edits](#)



## Code suggestions

Copilot predicts your next thought with Next Edit Suggestions. Use the Tab key to accept AI-powered suggestions right in your editor. Next Edit Suggestions will intelligently suggest where and what to change across your file based on the edits you're making.

[Pair program with Copilot](#)



## Code in any language

VS Code supports almost every major programming language. Several ship in the box, like JavaScript, TypeScript, CSS, and HTML, but extensions for others can be found in the VS Code Marketplace.

 JavaScript

 C#

 Java

 Markdown

 TypeScript

 C++

 JSON

 Powershell

 Python

 HTML

 PHP

 YAML

# Install VSCode

**<https://code.visualstudio.com>**



Your code editor.  
Redefined with AI.

[Download for macOS](#)

[Get Copilot Free](#)

[Web](#), [Insiders edition](#), or [other platforms](#)

# Opening and Using VS Code

## (Like Opening a New Document)

When you open Microsoft Word, you can:

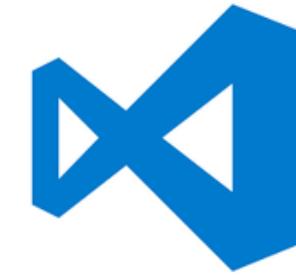


Create a new document.

Open an existing document.

Write and format text.

When you open VS Code, you can:

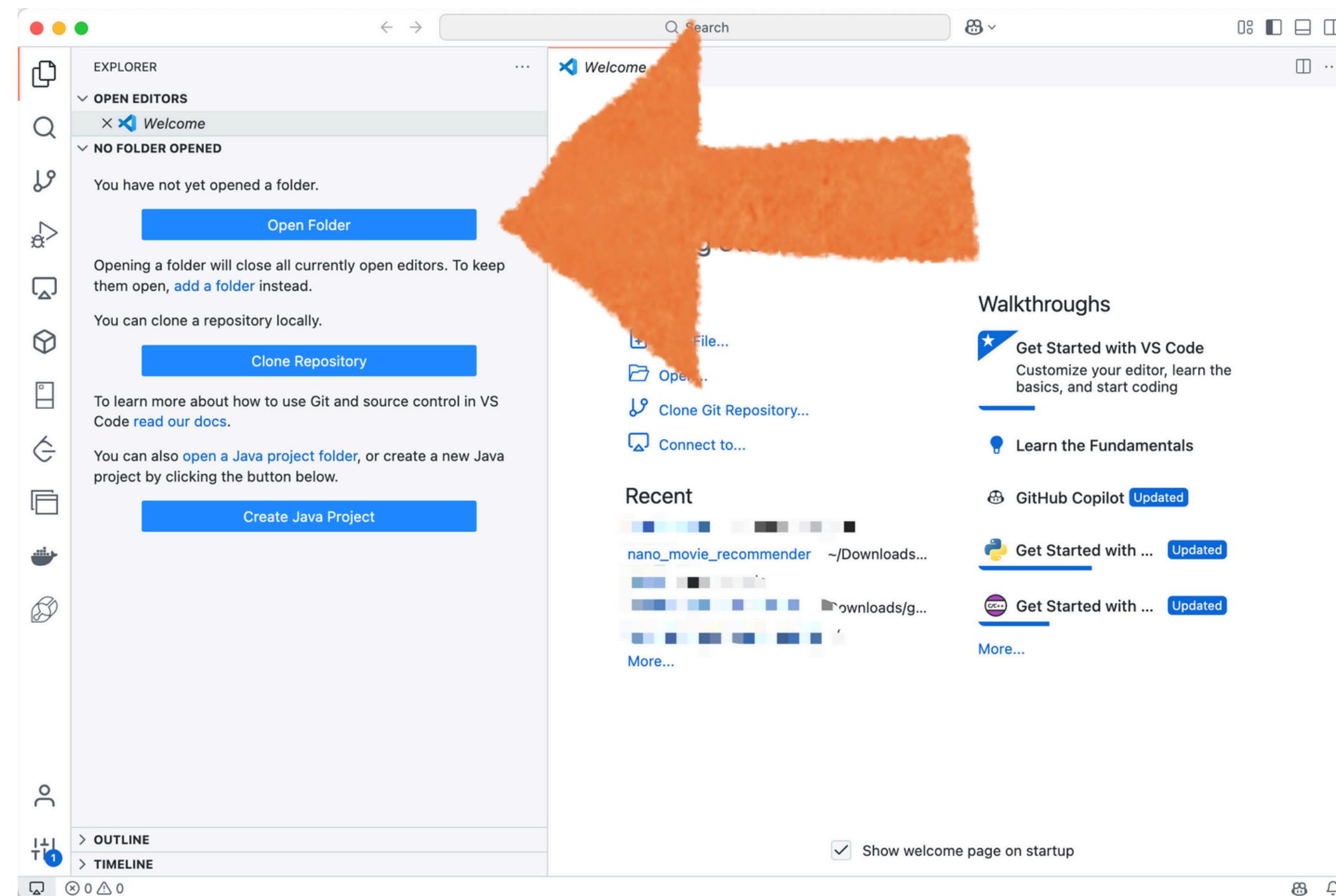


Create a new file for code.

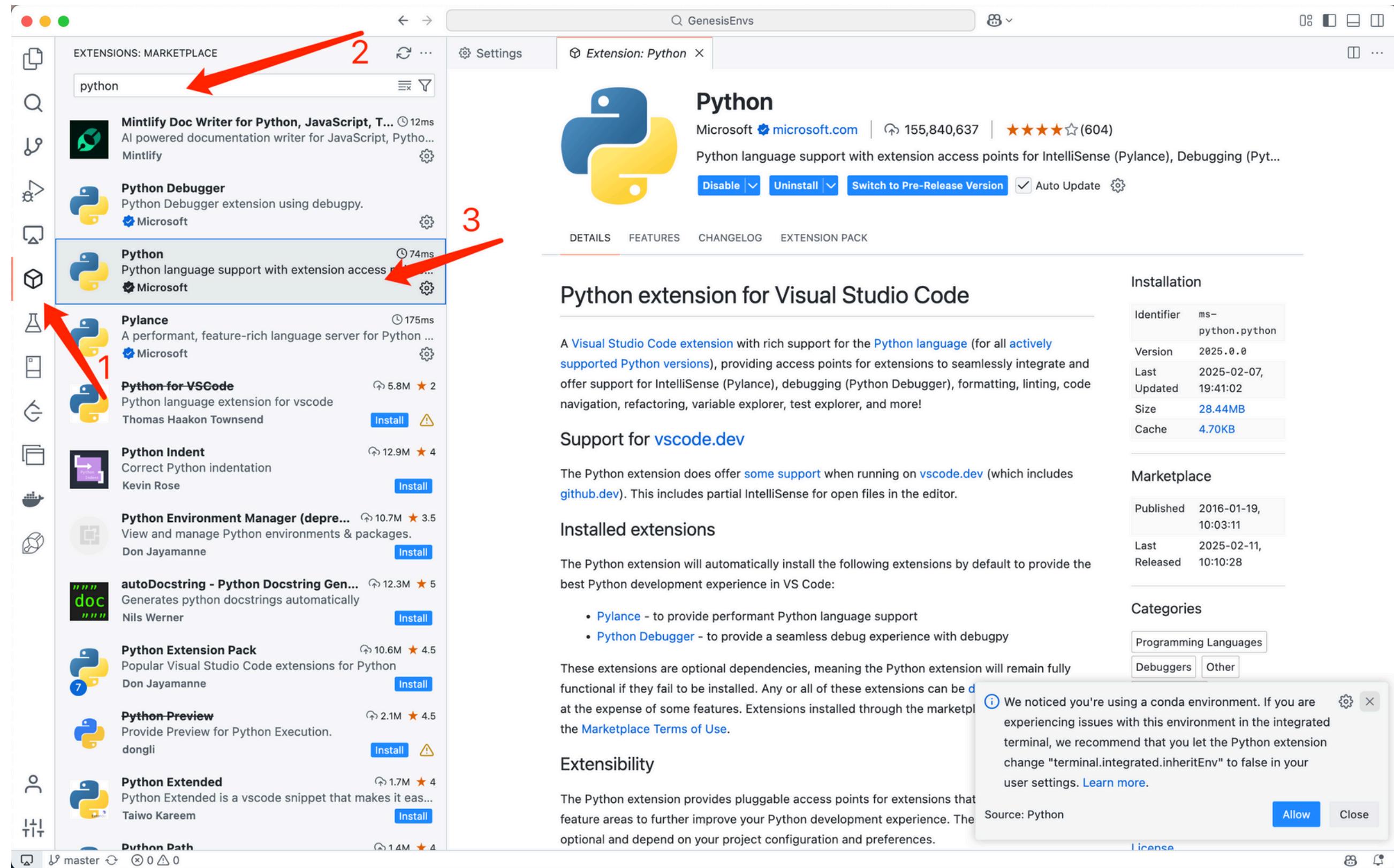
Open an existing code file.

Write and format code.

# Open VS Code

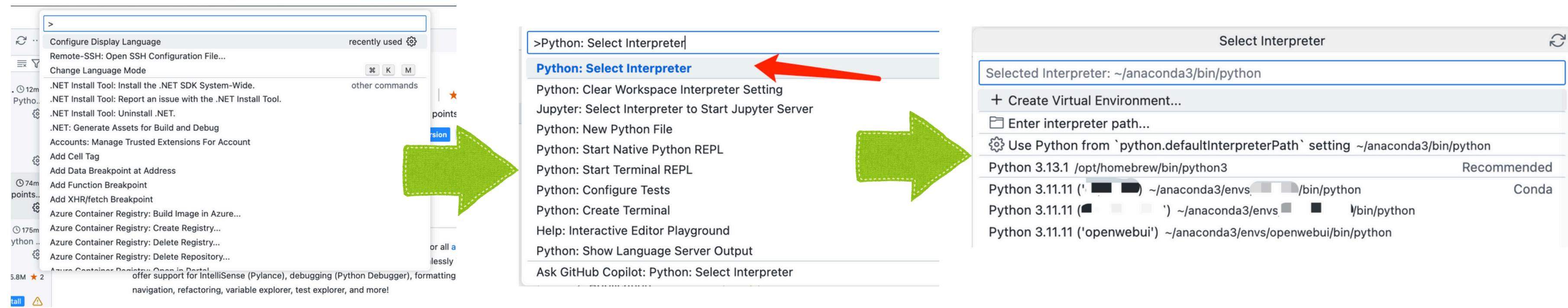


# Install the Python Extension in VS Code

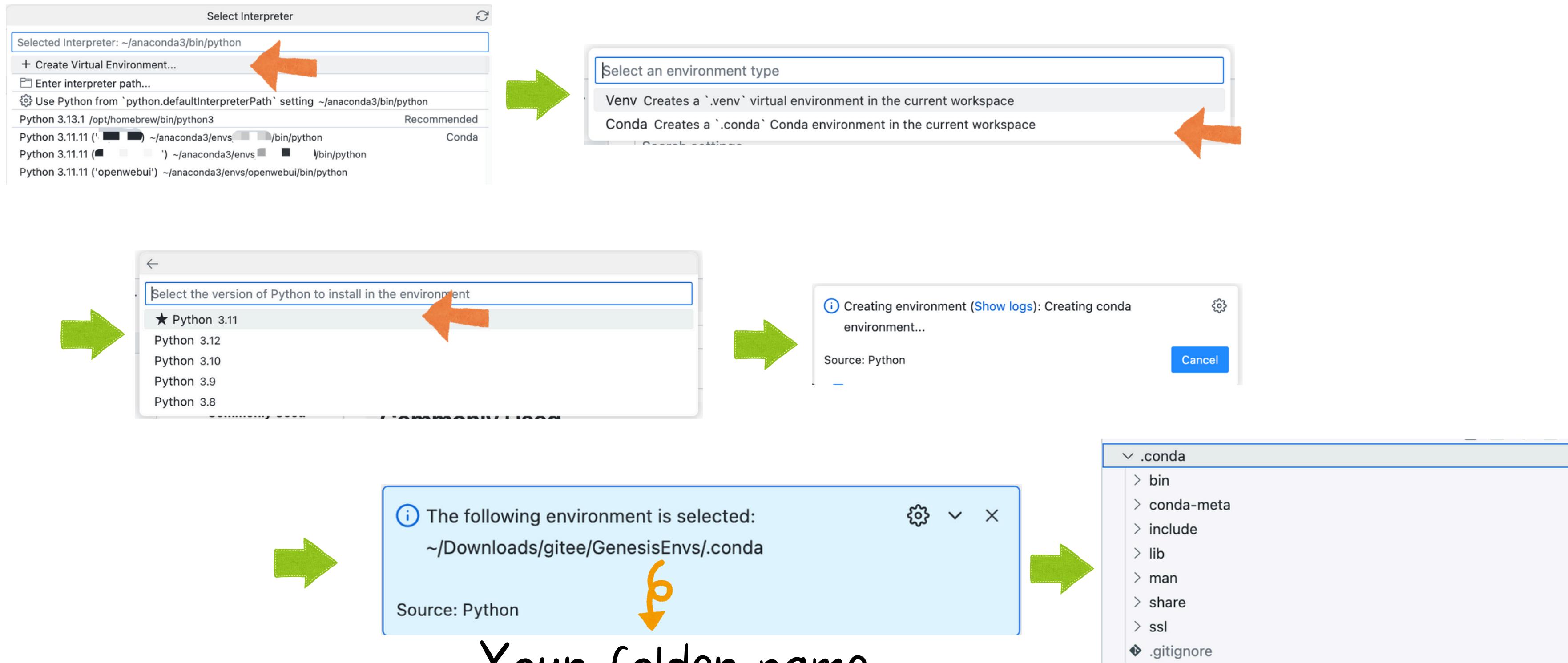


# Select Conda in VS Code

Open Command Palette in VS Code:  
Windows/Linux: Press Ctrl + Shift + P  
Mac: Press Cmd + Shift + P

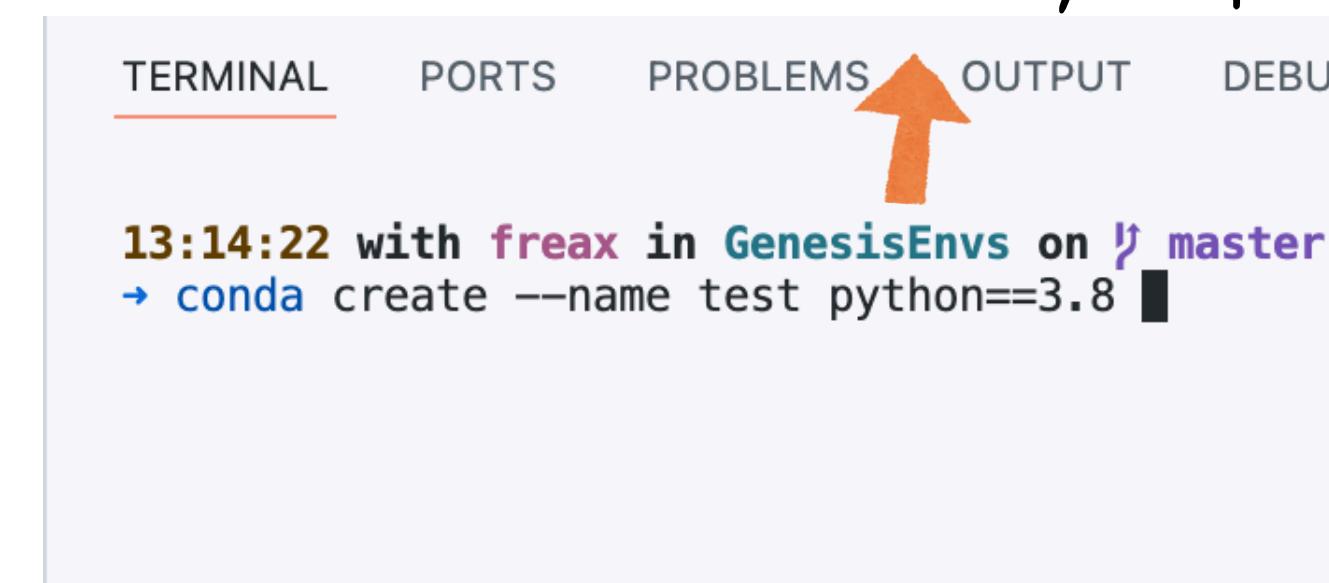
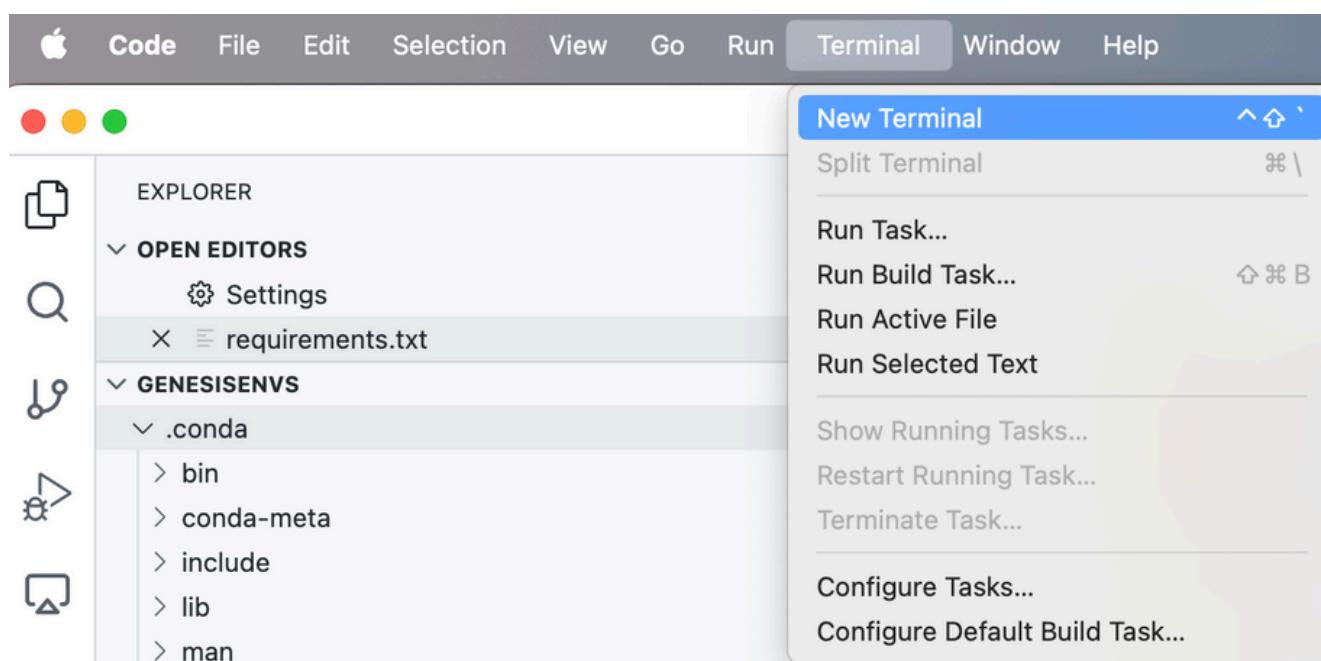


# Create Virtual Environment(I)



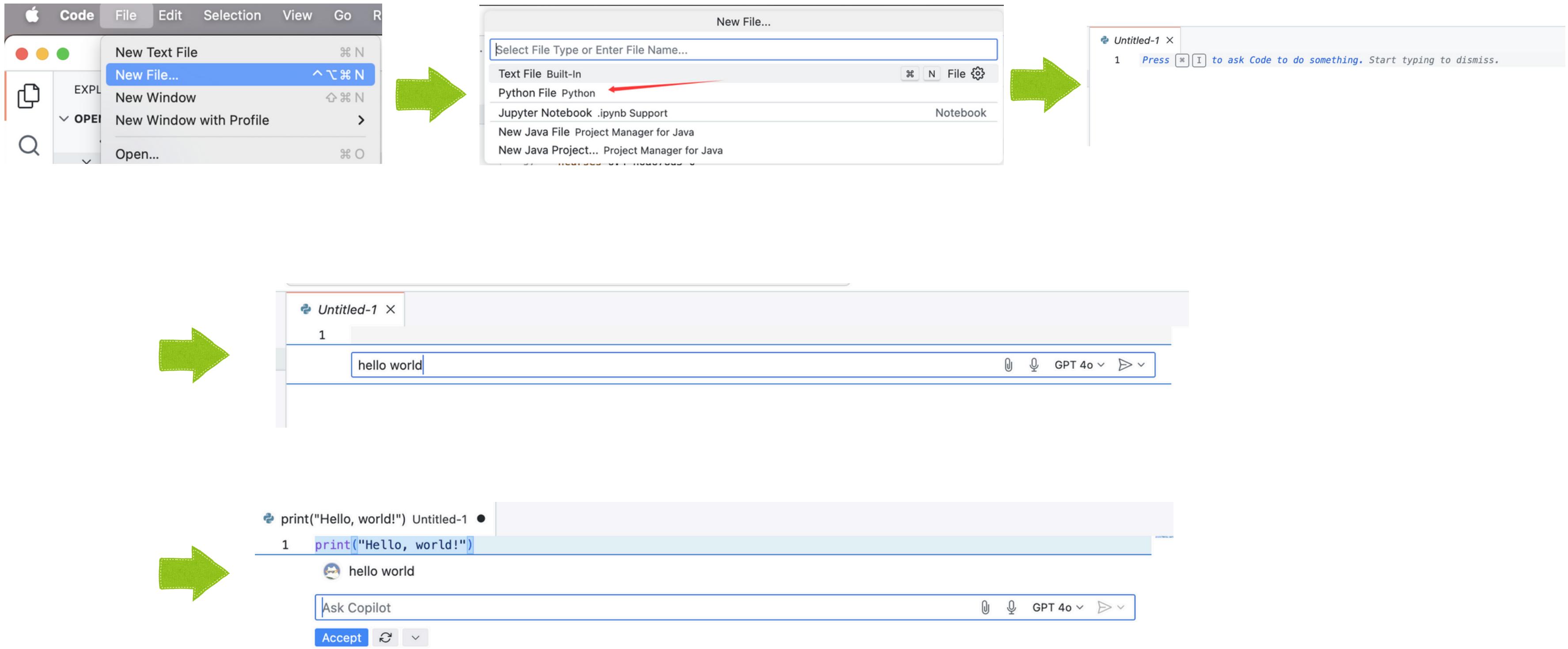
Your folder name

# Create Virtual Environment(2)

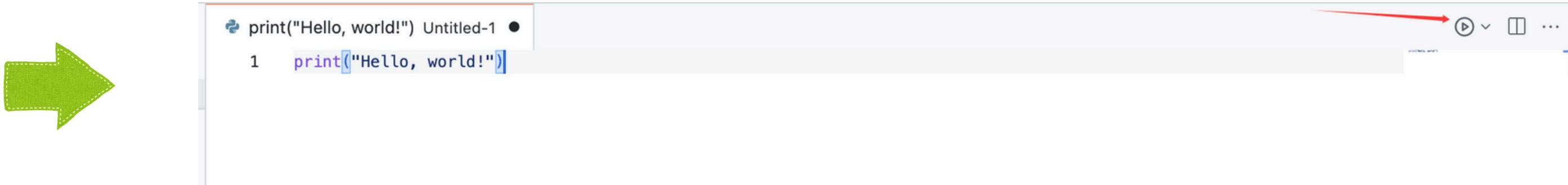


The folder you open

# Create a python file and run it!



# Create a python file and run it!



```
print("Hello, world!") Untitled-1
```

```
1 print("Hello, world!")
```



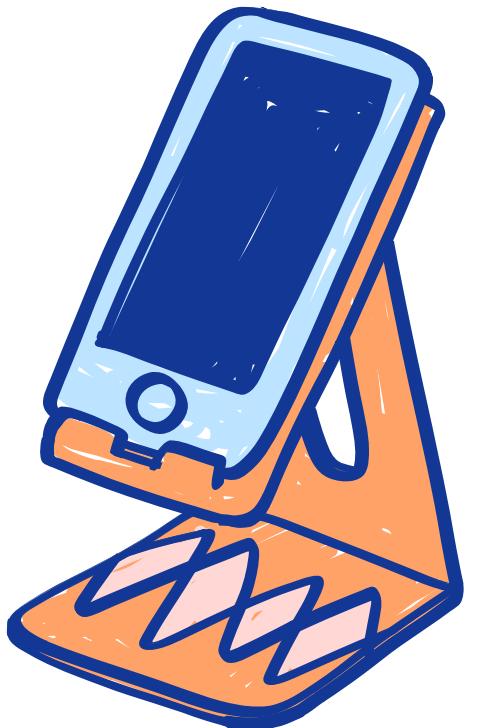
```
TERMINAL PORTS PROBLEMS OUTPUT DEBUG CONSOLE COMMENTS
```

```
/Users/freax/Downloads/gitee/GenesisEnvs/.conda/bin/python /Users/freax/Downloads/gitee/GenesisEnvs/test.py
```

```
13:30:56 with freax in GenesisEnvs via ⚡/Users/freax/Downloads/gitee/GenesisEnvs/.conda ...  
● → /Users/freax/Downloads/gitee/GenesisEnvs/.conda/bin/python /Users/freax/Downloads/gitee/GenesisEnvs/test.py  
Hello, world!
```

```
13:30:56 with freax in GenesisEnvs on ⚡ master [?] via ⚡/Users/freax/Downloads/gitee/GenesisEnvs/.conda  
→
```

# THANK YOU



See you next time!

