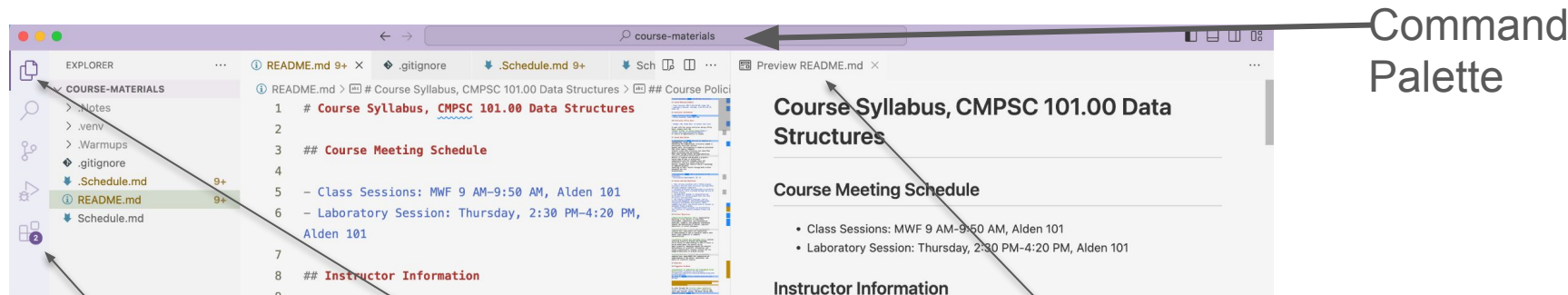# VS Code

VS Code

Visual Studio Code is an IDE (Integrated Development Environment)
Similar to Sublime Text but has many more bells and whistles

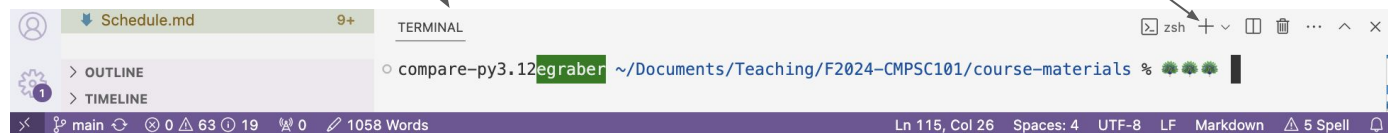Command Palette

EXPLORER

COURSE-MATERIALS

> Notes
> .venv
> .Warmups
.gitignore
.Schedule.md   9+
README.md   9+
Schedule.md

README.md 9+   .gitignore   .Schedule.md 9+   Sch   Preview README.md

README.md > # Course Syllabus, CMPSC 101.00 Data Structures > ## Course Polici

1   # Course Syllabus, CMPSC 101.00 Data Structures
2
3   ## Course Meeting Schedule
4
5   - Class Sessions: MWF 9 AM-9:50 AM, Alden 101
6   - Laboratory Session: Thursday, 2:30 PM-4:20 PM, Alden 101
7
8   ## Instructor Information

course-materials

Course Syllabus, CMPSC 101.00 Data Structures

Course Meeting Schedule

- Class Sessions: MWF 9 AM-9:50 AM, Alden 101
- Laboratory Session: Thursday, 2:30 PM-4:20 PM, Alden 101

Instructor Information

extension manager

file explorer

Markdown preview

Built-in Terminal

Shell choices!

Schedule.md   9+

> OUTLINE
> TIMELINE

TERMINAL

compare-py3.12egraber ~/Documents/Teaching/F2024-CMPSC101/course-materials %

zsh

main   ⊗ 0 ⚠ 63 ⓘ 19   0   1058 Words   Ln 115, Col 26   Spaces: 4   UTF-8   LF   Markdown   ⚠ 5 Spell

Branching Control

Source Control

A history of
committed backups
of your code!
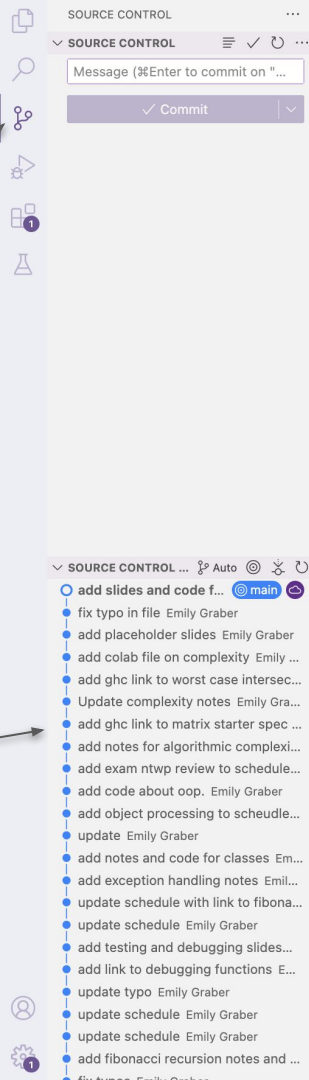
- ➜ Install vscode - https://code.visualstudio.com/
- ➜ Make VS Code accessible in the terminal
  - ◆ macOS
    - open command palette [⌘ shift P] type path
    - Add vscode to $PATH
  - ◆ Windows
    - should be on $PATH after REBOOT! - https://code.visualstudio.com/docs/setup/windows
- ➜ Add extensions - https://code.visualstudio.com/docs/introvideos/extend
  - ◆ ms-python extension https://marketplace.visualstudio.com/items?itemName=ms-python.python
  - ◆ any linting extension, ruff, pymarkdown

  - ◆ consider others to taste:
    - spell checking
    - indentation rainbow
    - jupyter notebooks: https://code.visualstudio.com/docs/datascience/jupyter-notebooks

  - ◆ n.b. extensions can be turned off and on

VS Code tricks

Memorize these!

- Pull up or drop down the terminal view
  - ⌘ j   or   cmd j
- search for a file by name
  - ⌘ p   or   cmd p
- Preview markdown
  - right click on name > open preview

Optional

- open control palette with many fancy options
  - ⌘ shift p   or cmd shift p