CEE6501 — Lecture 7.3

Miscellaneous Extra Topics

Agenda

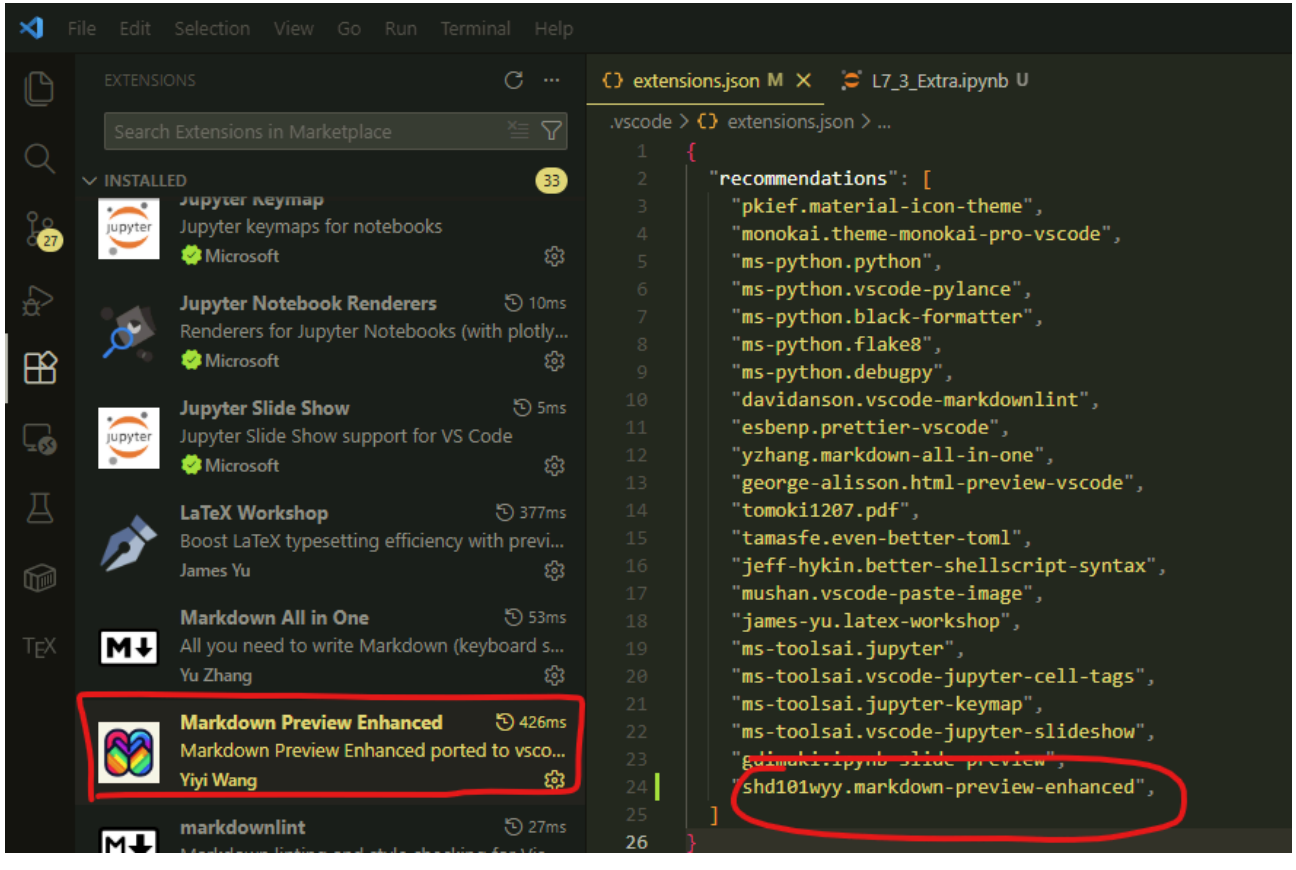
Part 1 — Discuss Week 7 Homework
Part 2 - Adding VS Code Extension
Part 3 - Midterm Results Overview
Part 4 - Discuss Feedback Quiz

Part 1 - Discuss Week 7 Homework

Part 2 - Markdown Preview Enhanced

Install VS-code Extension

Markdown Preview Enhanced has been added to the `extensions.json` file



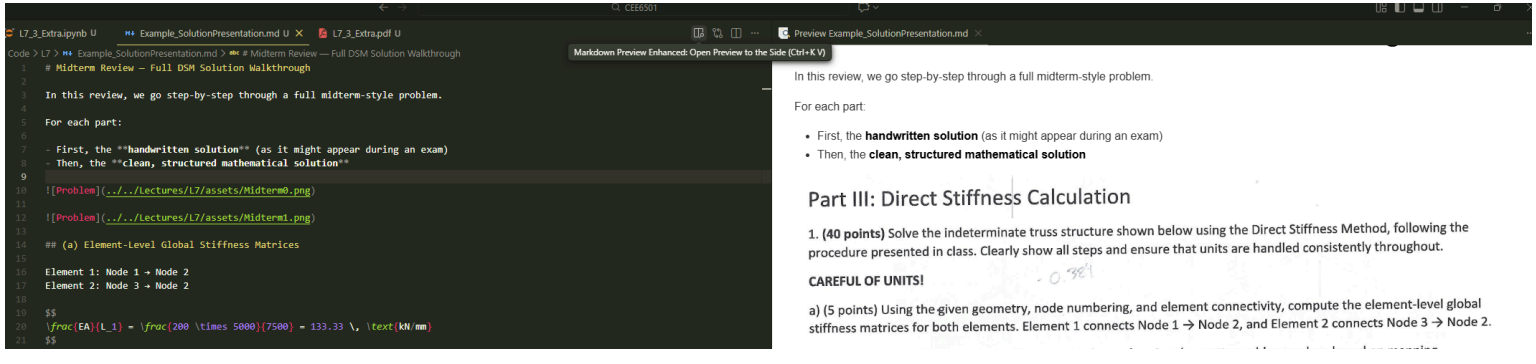
Open Enhanced Preview

Open a markdown file. For example, the `Example_SolutionPresentation.md` file in the `Code\L7` Folder.

Click the preview button top right

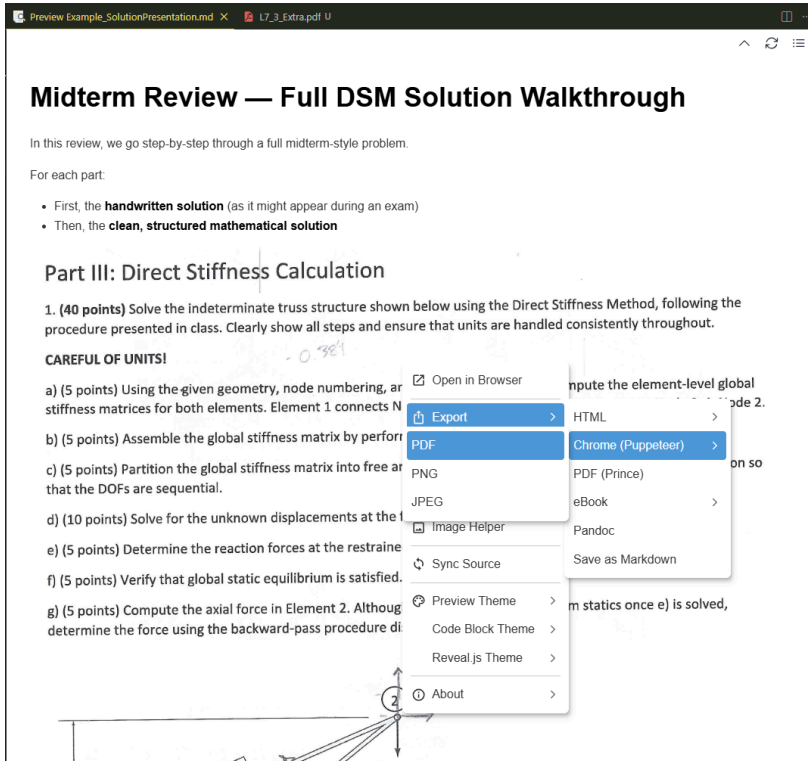
or

```
Ctrl + Shift + P
Markdown Preview Enhanced: Open Preview
```



Export to PDF

right click -> Export -> Chrome (Puppeteer) -> PDF



Find Exported PDF

The PDF should be saved in the same location as the .md file

Part 3 - Midterm Results Review

Summary

- **Highest score:** 87
- **Lowest score:** 41
- **Class average:** 67

After reviewing the distribution and overall difficulty of the exam:

> ***All students received +15 points added to their midterm score.***

This adjustment better aligns the results with course expectations.

Review the DSM Question

- Full midterm solution posted on canvas.
- Today Go through the DSM problem step by step
- Please carefully review:
    - Element stiffness formulation
    - DOF ordering and mapping
    - Assembly into the global system
    - Application of boundary conditions
    - Solving the reduced system

Part 4 - Discuss Feedback Quiz