Modeling and Simulation

Fall 2018 Day 27

For today

Of the next steps you identified today, identify the ones you can work on outside of class.

Work on them.

Come to studio.

Today

Use the time for your project in whatever way is most productive for you.

Instructors and NINJAs are available for consultations. We may also circulate and ask how things are going.

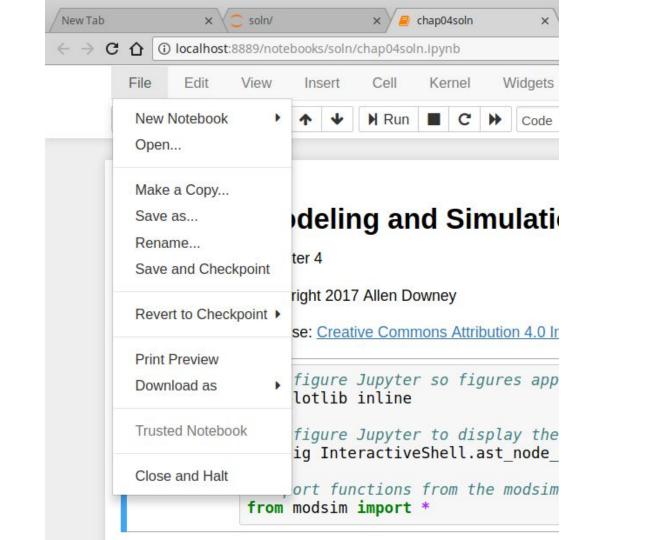
Note that there is a worksheet for today. Take a look at the checklist — we think you will need to do all of these things in order to successfully complete the project!

For next time

Computational essays are due on Sunday night (November 4).

There are two Canvas assignments, one for a GitHub link and the other for a PDF version.

- 1. Open the notebook in Jupyter.
- 2. From the File menu, select Print Preview.



The browser should open a new tab showing your notebook.

- 3. Press Control-P to open the print dialog.
- 4. In [Select Printer], choose "Microsoft Print to PDF"

Make a note of where in your file system the PDF goes.

5. Upload the PDF to Canvas.

Make your code readable

Limit line length to about 80 characters so it doesn't wrap around.

Avoid putting comments at the end of a line of code

```
# this is better
x = 5
```

x=5 # than this

Suppressing excessive output

```
Use results.head() and results.tail()
Put a semi-colon at the end of a line
results = run_something();
Put a None at the end of a cell
results = run_something()
None
```

For next time

Presentations will happen in class next week:

- Group A (Teams 1-7): Monday, November 5
- Group B (Teams 8-15): Tuesday, November 6

Please bring TWO printed copies of your computational essay!

On your off day

Prepare.

Reflect.

Start Chapter 20.

Work on something else.

Teamwork reminder

Your responsibility:

- Find a way to contribute.
- Find a way to get a contribution.

Presentation format — similar to Project 1

Each team will:

- 1) Present
- 2) Get feedback from an instructor
- 3) Get feedback from another team
- 4) Listen to another team
- 5) Give feedback to another team

Presentation format — similar to Project 1

You will present for 1 minute and explain:

What is your question?

What is the answer?

And then we will have a conversation for about 9 minutes.

Presentation format — similar to Project 1

All members of the team should be prepared to answer questions on all aspects of the project, including modeling decisions and details of the implementation.

Best of luck!

If you get stuck, take a break and then focus on getting unstuck.

Use the resources available to you, including your teammate, classmates, NINJAs, instructors, and course materials.