

Lab 0: Setup

Lab Check-in on Thur/Fri Sept 3-4 (individual times)

Writeup Due: Wed Sept 2 at 11:59pm on Canvas

What you may be asked to do/demonstrate at your lab check-in:

- Complete pre-class assessment (required)
 - Will be posted on Zulip soon
- Use speech recognition with a single button press on your laptop
- Create a jupyter notebook and demonstrate the following with shortcut keys only:
 - Add a new cell below & above
 - Navigate to other cells
 - Delete a cell
 - Change cell from code to markdown and vice versa
 - Create headings in Markdown
 - create a markdown cell and enter text using speech recognition
 - Import a package
 - Define a function with two arguments
 - Run 4 consecutive cells that import a package, define a function, call the function and save results to a variable, print the results
- Open up the jupyter notebook you created to solve an Advent of Code challenge and answer questions about it
- Open up a new jupyter notebook to solve a new Advent of Code challenge and explain your thought process and workflow (including how you use AI to learn)
- Talk about your self-reflection
- Completed pre-class assessment (see Zulip announcement)

What to submit on Canvas (by Wed midnight):

- ½ to 1 page self-reflection on what you learned through the Advent of Code challenge(s) you completed, how you improved or grew, and what role AI played in that process.
- Screenshot of your advent of code progress (homepage showing how many stars you have achieved)