Your final this semester is based on a series of mini-projects which meet a particular number of objectives. Your work should be uploaded to a Github repository, which you can add here.

Requirements: You should plan to upload the following to the repository:

- 1-2 programs wherein you showcase your ability to meet a total of 18 out of the 25 objectives listed on the latest objectives page, which covers material we discussed in the latter half of the semester.

  - You can draw inspiration from past programs or programs from the text, but any code you write to meet an objective should be your own code.

  - This may seem like a lot of objectives, but many of them are quite straightforward and related to one another.

- *For each program*, a description or summary file should be uploaded. This file should be a generic text file (.txt) or a pdf (.pdf), and should include:

  - A short description of what your program was trying to achieve or accomplish. If any instructions are needed to understand how to run the program, include them here!

  - A list of what specific objectives your program meets *and on what specific line number* mastery of that objective is showcased. Your program might meet some objectives in multiple locations, but you only need to list at least one. If the objective says *and*, make sure you include a line number for each piece of the objective. Make sure your line numbers are accurate! All the objectives have been numbered for ease of reference.

  - Any other information you think I should know before running the program.

- Any other supplementary materials I need in order to run your programs. These might be images, data files, text files, libraries, etc. Make sure you include these, or else I won't be able to mimic the functionality of your program!

Scoring: With respect to scoring, I'll follow the below rubric:

- 80% of the overall grade will come from whether the necessary number of objectives were met. Missing objectives will lower drop the score by 5% per objective.

- The remaining 20% will be determined from the quality and clarity of your code. Are things organized and decomposed into smaller functions? Do functions have meaningful docstrings? Are inline comments used in cases where some extra explanation or clarity are necessary?

- If you satisfy an objective that less than 10% of the students complete, I will give you an extra 2.5% extra credit to the objectives portion of the grade. This applies per objective, so if you achieve 2 objectives that less than 10% of students achieves, then that would be an extra 5%.

- You can also get some extra credit if you write a haiku of your favorite topic from the semester! Upload it in a text file just called `Haiku.txt`!