CSCI Project

In the last week of class, you will present your group project. The project is a 10-ish minute video. Exactly what is in the video is up to your team. Feel free to reach out to Dr. Fasy for feedback and direction if your group needs help either narrowing down the scope of the project or for feedback on ideas that you have.

Proposals (due 8 November)

Please submit a short write-up that briefly describes what you plan to do for your course project. The project should be centered around an algorithm, and the proposal should contain:

- A definition of the problem (the "WHAT") that the problem solves. Be sure to include proper references for any external resources that you use. Don't hesitate to define variables to make defining the problem more precise (and easier to write down!) The problem statement should specify what the input and the output of the solution(s) should be.
- What you plan to do for this course project, and a brief timeline.
- Why this relates to the topics in this course.
- (Optionally) why you selected this algorithm.
- (Optionally) examples to help the reader understand the problem and/or the algorithm.
- (Optionally) the history of this problem/algorithm.
- Anything else that you find relevant to share.

The write-up can be short, but is expected to be a minimum of one full page. One write-up per group, submitted in PDF form, both to gradescope and to D2L.

Presentation

You will introduce your video, play it, then respond to questions from the audience (Dr. Fasy and your classmates). You will be graded on the quality of the video, the content of the video, and your response to questions.

A dropbox folder will be opened for you to add additional information, such as a document with links to the video and/or code repositories. And, sometimes, adding a write-up to supplement the video in order to explain more fully what you accomplished in this course project is useful.

Participation in Q&A

As a presenter: be prepared to answer questions about your project! It may help if you have a rough idea of who will handle which types of questions before you begin presenting.

As an audience member: You are expected to ask at least one question to each presenting group. These can be relating to (re-)explaining a step of an algorithm or something already presented, asking about connections to other topics, reasons the group made certain design decisions in their implementations, or whatever you think is a relevant question.