This is the second part (of three total parts) of the final project. The purpose of this part is to check in to make sure that sufficient progress is being made on your project, and to give you a head start on the final writeup. You must turn in 2 pages per person in your group (single-spaced, 12 pt font). This writeup will be worth 20% of your project grade (part 1 was 10%).

Be sure to include all of the following information in your writeup:

- A clear description of the problem you are addressing, the technical approach that you are taking, and the experimental setup that you will use to test your hypothesis

- Progress that has been made on the problem so far, including implemented code, experimental infrastructure, mathematical insights, algorithmic details, and early experimental results

- Also discuss difficulties or problems that you have encountered, and solutions (if any) that you have come up with, or potential solutions if one has not been found yet

- Outlook on your original hypothesis—do your findings so far seem to indicate that the hypothesis is true or false?

- A list of things that still need to be done and a plan for accomplishing each of them

- End the writeup with a short paragraph describing why you believe you have made sufficient progress to put you on track to present your research to the class by November 29th and turn in your final project report by December 5th.