In the final project, review one paper that discusses an optimization problem that arises in your own field. If you find difficulty in finding such papers, you can also choose from the paper list provided by the instructor. Describe the problem and solution approaches in your own words in a final report whose length should be from 4 to 8 pages. The final report should be single spaced, and in 10-, 11-, or 12-pt font. The final report should clarify (i) What is the paper trying to do? (ii) What is the problem formulation? (iii) What is new in the paper? (iv) Who cares? What difference does this paper make? (v) **If the paper is theoretical, then re-derive the theory and proofs in the paper in your own words** (no need to come up a completely different proof, just re-derive the theory using your own words). **If the paper is on applications, then reproduce some numerical results (at least one figure or table) from the paper using your own implementation.** Carefully explain the experiment setup and the parameters used in the implementation. Compare your results with the ones in the paper and summarize your findings. If your results do not match the ones in the paper, try to provide some explanations. No need to reproduce all the results. Maybe pick one example and focus on that one.

**The final report is to be submitted via Gradescope on Monday, May 16, by 11:59 PM.**