Homework #4 (Due Thursday, October 10, 2019)

1. Starting from the end of the slides LPSimplex1.ppt, take the next iterative step following the exact same approach as described in those slides. Perform a second iteration just as we did in those slides for the first iteration, and then test your solution for optimality. You do not need to perform additional iterations.

2. Starting from the end of the slides "LPSimplex2.ppt", take the next iterative step in the problem described in those slides. Continue to perform iterations just as we did in these slides, and test for optimality until you find the optimal solution.

3. Use CPLEX to solve the optimization problem you addressed in problems #2 and #3 of this assignment.

4. Read paper by G. Dantzig called "Linear Programming" on website and identify any terms in it that you think (a) are important LP-related terms; and (b) we have used in our EE 458 class.