INEG 56103: Introduction to Optimization Theory
Computational Assignment 1

Instructions:

1. Create a single .ipynb file in which you build a Pyomo model for Problems 1, 3, 5, and 6 in Homework 1 and solve using CPLEX. All of the models must be implemented as indexed models (i.e., so the code would run correctly if you changed the dataset). Run the .ipynb file so all output is visible after opening the notebook. The code output should clearly present the optimal solution and optimal objective function value for each problem. At a minimum, please add markdown to clearly identify your name (at the top) and organize the notebook by problem.

2. Submit your .ipynb file in Blackboard.