Linear Optimization (Spring 2023): Homework 3

- The total points (given in parentheses) add up to 110. You will be graded for 105 points (with the possibility of getting up to 5 points as extra credit).

- BT-ILO stands for the text (Bertsimas and Tsitsiklis: Introduction to Linear Optimization).

- **You must email your submission as a PDF file to kbala@wsu.edu**. You are welcome to write answers by hand, and scan the writings **into a PDF file**.

- **Your file name should identify you in the following manner. If you are Baahir Hassan Abdul Hakeem, you should name your submission BaahirHakeem_Hw3.pdf. If you want to add more bits to the title, e.g., Math464, you could name it BaahirHakeem_Math464_Hw3.pdf, for instance. But you should start the file name with BaahirHakeem; and NOT "Baahir Hakeem" or "Baahir_Hakeem" or ...**

- **Begin the SUBJECT of your email submission with the same `FirstnameLastname`, e.g., "BaahirHakeem Hw3 submission".**

- **This homework is due by 4:59 PM on Thursday, February 2.**

1. (30)   BT-ILO Problem 1.2 from Page 34.

2. (25)   BT-ILO Problem 1.3 from Page 34.

3. (25)   BT-ILO Problem 1.4 from Page 34.

4. (30)   BT-ILO Problem 1.6 from Page 35.