CS 451 - Activity 14

objective function:

$$\min z = 50 x_1 + 100 x_2$$

subject to:

$$7x_1 + 2x_2 \geq 28 \text{ (high-income women)}$$

$$2x_1 + 12x_2 \geq 24 \text{ (high-income men)}$$

$$x_1, x_2 \geq 0.$$