## Homework for Lecture 13 (Due Nov. 8, 2023) of Linear Optiomization

(Math 354, section 3), Spring 2023 (Dr. Z.)

In addition to problems $1,2,3,4,5,6,7$ of section 3.2 (pp. 182-183) do the following

## Extra problem

Use the method of pp. 166-172, illustrated by Example 1 (pp. 170-172) to predict without using the simplex method, what the final tableau would be if the initial tableau is

and the basic variables of the final tableau (in that order, i.e. from top to bottom ) are $x$ and $y$.

