Exercise 1:
Given the dual of a primal linear program transform the dual linear program such that the primal simplex algorithm could be applied.

Exercise 2:
Work out in detail the dual simplex algorithm. Could you use the same tables as the primal simplex algorithm?

Exercise 3:
Prove Lemma 4.2 of the lecture.

Exercise 4:
Prove Lemma 4.3 of the lecture.