# COMP 314 Homework Assignment D

- Exercise 7.1 (10 points)

- Exercise 7.2 (15 points)

- Exercise 7.3 (3 points)

- Exercise 7.4 (3 points)

- Exercise 7.5(a) (15 points)

- Exercise 7.5(b) (Ungraded)

- Exercise 7.6 (Ungraded)

- Exercise 7.8 (15 points) This question will be incorporated as part of your WiD (Writing in the Discipline) portfolio. Please pay special attention to providing a rigorous mathematical proof using clear explanations and carefully chosen notation. Note that, as with most reduction proofs in this course, your proof may use any of the three techniques described in section 7.9 of the text book.

- Exercise 7.9 (Ungraded)

- Exercise 7.10 (Ungraded)

- Exercise 7.11 (Ungraded)

- Exercise 7.12 (Ungraded)

- Exercise 7.13 (Ungraded)

- Exercise 7.14 (10 points)

- Exercise 7.18 (15 points)

Total points on this assignment: 86