COMP 314 Homework Assignment B

- (Ungraded) Do all of the practical exercises recommended in the text of Chapter 3. In particular:

  - run `countLines(rf('countLines.py'))`
  - Run all the commands in Figure 3.3, and verify the output.
  - Use `yesOnStringApprox.py` to verify the outputs in Figure 3.5 wherever possible. Which lines produce the result "`unknown`", and why?
  - Use `yesOnSelfApprox.py` to verify the outputs in Figure 3.7 wherever possible.

- Exercise 3.3 (10 points)

- Exercise 3.4 (10 points)

- Exercise 3.5 (Ungraded)

- Exercise 3.6 (Ungraded)

- Exercise 3.7 (5 points)

- Exercise 3.9 (15 points)

- Exercise 3.10 (Ungraded)

- Exercise 3.11 (Ungraded)

- Exercise 3.12 (5 points)

- Exercise 3.14 (10 points)

- (Ungraded) Do all of the practical exercises recommended in the text of Chapter 4. In particular, run each of the sorting programs in Figure 4.2 on a few test inputs. Verify that the first two work correctly on all inputs, but the last works only on some inputs.

- Exercise 4.1

  (a) (3 points)
  (b) (1 point)
  (c) (3 points)
  (d) (4 points)

- Exercise 4.2 (1 point)

- Exercise 4.3 (1 point)

- Exercise 4.4 (8 points)

- Exercise 4.5 (4 points)

- Exercise 4.6 (Ungraded)

- Exercise 4.7 (Ungraded)

- Exercise 4.8 (Ungraded)

- Exercise 4.9 (Ungraded)

- Exercise 4.10 (10 points)

- Exercise 4.11 (3 points)

- Exercise 4.12 (3 points)

- Exercise 4.13 (4 points)

- Exercise 4.14 (Ungraded)

- Exercise 4.15 (3 points)

- Exercise 4.17 (Ungraded)

- Exercise 4.18 (Ungraded)

- Exercise 4.19 (4 points)

- Exercise 4.20 (5 points)

- Exercise 4.23 (Ungraded)

- Exercise 4.24 (10 points)

Total points on this assignment: 122