MA/CSSE 474   Homework #6   45 points **Updated for Spring, 2018**

There were no previous questions on Piazza about problems in this assignment.

1. 6.1

2. (t-3) 6.1a

3. 6.2 a-k, n-p
    For the "to-turn-in" parts of 6.2, aim for as simple a regular expression as you can come up with. Some of the credit may be for simplicity. If your expression is very complicated, some annotation may help the grader to know whether it is correct. The "burden of correctness" is on you. I did not require some of the more complex parts of this problem due to difficulties with grading, but you should try some of them.

4. (t-3) 6.2a

5. (t-3) 6.2c (the x in the problem statement should be changed to w; $|wy|$ means "the length of the string wy")

6. (t-3) 6.2e

7. (t-3) 6.2h

8. (t-3-3-3) 6.3abe

9. (t-3-3-3) 6.4abd

10. (t-6-6) 6.5

> 6.2: For the "to-turn-in" parts of 6.2, aim for as simple a regular expression as you can come up with. Some of the credit may be for simplicity. If your expression is very complicated, some annotation may help the grader to know whether it is correct. The "burden of correctness and understandability" is on you. I did not require some of the more complex parts of this problem due to difficulties with grading, but you should try some of them.