MA/CSSE 474   Homework #10   54 points.

2.1 means Exercise 1 from Chapter 2.

Key:

   (No symbol) Not required to be turned in. Just be sure that you can do it.

   (t -7)   To be turned in and graded, worth 7 points.

1. 11.1
2. 11.2
3. 11.3
4. (t-3) 11.4
5. (t-6) 11.6b
6. (t-6)11.6c (previous student surveys indicate that this is the hardest problem)
7. (t-6) 11.6d
8. 11.6e
9. (t-6) Show the details of the definition of a CFG that generates $\{a^i b^j c^k : i, j, k \geq 0$ and $(i + j = k)\}$
10. (t-6)11.6h
11. (t-6) 11.6i
12. (t-6) 11.6k
13. (t-9) 11.8b
14. 11.9 (if you are interested in language design or plan to take the compilers course someday, consider doing this one)

  No one has asked questions on Piazza about this assignment in past terms.