CS 215 - Fundamentals of Programming II
Spring 2010 - Homework 7
25 points

Out: March 24, 2010
Due: April 5, 2010 (Monday after Easter)

Reminder: Practical Exam 2 will be Wednesday, March 31, 3-5pm.

Answer the following written exercises from Chapters 9 of the textbook. When a question says "implement" just write the implementations on paper. You do not need to type the code into the computer (unless you want to, of course).

1. (4 points) Exercise 16 on pages 495-496. Part (c) has a typo; the last line of code should be
   \texttt{cout} \texttt{<< p->nodeValue;}
2. (3 points) Exercise 17 on pages 496-497.
3. (3 points) Exercise 18 on page 497.
4. (3 points) Exercise 19 on page 497.
5. (4 points) Exercise 20 on page 497.
6. (5 points) Exercise 22 on page 497-498. Hint: start with \texttt{header} pointing to the header node, then the first \texttt{newNode} pointing to the node with 5.
7. (3 points) Exercise 23 on page 498.