Style Conventions for C++ Programs

1. All programs (files) begin with comments including at least the following:  
   // Student name  
   // CMPS 1053  
   // Program # and name  
   // Problem Description - 50 - 100 words, describe thoroughly but succinctly

2. All functions will be preceded with comments including at least the following:  
   // Input parameters  
   // Output values  
   // Brief description of the actions of the function

3. Beginning and ending brackets will be lined up on the left.

4. Statements within brackets will be indented relative to the brackets. Indented statements within a block will be lined up on the left.

5. Statements will (usually) be placed one per physical line. Initializations, for example, could be grouped on one line.

6. Use modular design.

7. The student’s name will be printed at the beginning of all output.

8. All output is to be presented in a professional manner. Readability, formatting, alignment and spacing are important.

9. Use documentation and spacing internal to the program to increase readability and clarity.

10. All user defined names (variables, constants, functions, etc.) will clearly represent their purpose or value. For example, use tax to represent a tax rate not t. Single letter variables are seldom acceptable.

11. Comments MUST NOT wrap around into the code. Please check your printouts as spacing may vary from the screen to paper.

12. It is the student’s responsibility to check all answers on the output. Significant deductions will be made for incorrect answers.