Read the following and then answer the questions below. Turn in your answers separately from your programming homework. Be sure your answers are organized and clearly written (or typed).

- Ch. 7: 7.1–7.8 (mostly review)

1. The book lists two possible solutions to the problem of operand evaluation order and side effects. In your own words, state the two solutions.

2. Summarize in your own words what is meant by “mixed-mode expressions”. Give an example of a mixed-mode expression in C++ and the result of the expression.

3. Explain in your own words the differences and relationships between the notions of narrowing type conversions, widening type conversions, coercions, and casting.

4. Explain in your own words what overflow and underflow are.