

**CMSI 585**  
**PROGRAMMING LANGUAGES (GRADUATE LEVEL)**  
Fall 2006

**Assignment I003**

This assignment shifts gears somewhat, moving into conceptual questions that resemble the types of questions that appear on exams that I give.

**Not for Submission**

1. Review Chapter 3 in Scott as needed.
2. Read Chapter 6 in Scott, focusing on Sections 6.1 to 6.3, which is likely as far as we can cover prior to taking a break with the midterm on October 10.

**For Submission**

Submit your answers to the following exercises on hardcopy:

1. Scott Exercise 1.1 — For (a) to (d), provide a code fragment *and* the error message produced by the compiler, interpreter, and/or runtime environment. For (e), just provide a description and explanation of the requested type of error.
2. Scott Exploration 1.12.
3. Scott Exercise 2.1c.
4. Scott Exercise 2.23.
5. Scott Exercise 3.4.
6. Scott Exercise 3.6, with the following erratum: the line `insert(next_widget(), L);` in both (a) and (b) code fragments should read `L = insert(next_widget(), L);`.
7. Scott Exercise 3.13.