

91.301, Organization of Programming Languages  
Spring 2007, Prof. Yanco

## **Problem Set 6** **Generic Operators**

Out: Thursday, 8 March 2007

Due: Thursday, 22 March 2007

Reading: Section 2.4.

For this assignment, you will need to use the code in the book in Section 2.5.1. You will find this code on the course web site. You do not need to submit this code with your assignment; just submit the code and test runs for the problems below. (We recommend that you keep two separate files: one for the book's code and another for your answers to the problems.)

Use the R5RS language in Dr. Scheme for this problem set.

**Problem 1:** Exercise 2.76 on p. 187. Before answering the questions, briefly define the three strategies.

**Problem 2:** Exercise 2.77 on p. 192 – 193.

**Problem 3:** Exercise 2.78 on p. 193.

**Problem 4:** Exercise 2.80 on p. 193.

**Problem 5:** Exercise 2.81 on p. 200.

**Problem 6:** Exercise 2.82 on p. 201.

**Problem 7:** Exercise 2.83 on p. 201.

**Problem 8:** Exercise 2.84 on p. 201.