

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

Problem Set 6 **Generic Operators**

Out: Thursday, 18 October 2007

Due: Thursday, 25 October 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. (I recommend that you keep two separate files: one for the book's code and another for your answers to the problems.)

Note that although every assignment from now on may not explicitly say this, you are still expected to turn in a hard copy of the assignment in class on the due date and an electronic version of the copy should be submitted before class as well. The pattern for submission is 301-psX, where X is the problem set number.

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 2.79 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.