Assignment 7
Due: Wednesday, the 17th of April 2002

Total: 250 points

Exercise 1 (10 points) Please do Exercise 3.39 in the textbook on page 306.


Exercise 3 (50 points) Please do Exercise 3.47 in the textbook on page 313.

Exercise 4 (30 points) Please do Exercise 3.59 in the textbook on page 333.


Exercise 6 (50 points) Please implement the n-queen problem in the following style: Given a number n, the function nqueen takes n and returns a procedure p0 with no arguments; if p0 is called, it returns a procedure p1 after printing out a solution to the n-queen problem; if p1 is called, it returns a procedure p2 after printing out a solution to the n-queen problem; this process continues until all solutions to the n-queen problem are printed out, when the (last) returned procedure is (lambda () "no more solutions").

Exercise 7 (50 points) Please do Exercise 3.80 in the textbook on page 349.