CS 565 Out: January 29, 1998
Jens Palsberg Due: February 5, 1998

Homework 2:
Java Programming

Your solution to each of the exercises below should consist of a Java program with comments, and a suite of tests adequate to convince the grader that your solutions work correctly on all valid inputs. Submit also a transcript of your tests. Create the transcript manually.

1. Solve each of the eight problems in Homework 1, but this time in Java. For each of the problems, state explicitly in the comments how you represent lists, functions, etc. Some of the problems may not be solvable in the same generality as they were stated in Homework 1. In such cases, state explicitly what assumptions you make.

2. In Lecture Note 1, p.36–42, there is shown a simple stack machine, programmed in Scheme. Program in Java a stack machine with the same functionality.