CS 565 Out: September 25, 1997
Jens Palsberg Due: October 2, 1997

Homework 5:

Extend the Interpreter

1. In Lecture Note 5, Section 9, there is an interpreter for a subset of Java called MiniJava. The interpreter is not complete: it does not handle `extends`, constructors, and `super`. Extend the MiniJava interpreter to handle all of MiniJava. The code in Lecture Note 5, Section 9, is on the CS 565 webpage.

2. Homework 4 concerned a subset of Scheme. Let us call it MiniScheme. Use JTB and JavaCC and write one or more visitors which from a MiniScheme program generate a syntax tree in the style of Lecture Note 5, Section 9. Write in Scheme an interpreter for MiniScheme.