UNIVERSITY OF CALIFORNIA
Department of Electrical Engineering
and Computer Sciences
Computer Science Division

CS 298-4   **Prof. R. Fateman**
Fall 2006

Assignment 5: Prolog Implementation, Knowledge Representation

Due: Oct 30, 2006

1.   Read the chapters on prolog and knowledge representation: 11, 12. 13 and 14.

2.   In `add-clause` on page 360, there is the comment, `The predicate must be a non-variable symbol.` That is, `(<- (?x foo bar) ...)` cannot be used, but `(<-  (foo ?x bar) ...)` is fine. First, explain what this means logically, and show with a specific program fix to `norvig/prolog.lisp`).

3.   Norvig, p. 505 problems 14.4, and 14.5 (see the hint on p. 506).

4.   Provide an update (1 paragraph) on your term project.