

CS 140 Logic Programming
Fall 2006
Machine Assignment #3
Due Tuesday October 3

Combine your programs of Home works #1 and #2 to implement a mini-Prolog interpreter. Show that your interpreter is capable of handling the predicate *append* using various queries, e.g., like those covered in class to find the last element of a list, to determine all sublists of a list, and so on.

It is strongly advised to follow closely the explanations of the procedure *solve* with *unification* that is presented in the slides and also in the paper that appeared in *Comm. ACM*, December 85.