

Lab 4 CSC 351 – PROLOG!!!!

Materials: Chapter 4 of 7 Languages in 7 Weeks
Refer also to echo.pro from Lab1 for instructions on getting into the prolog interpreter on ptolemy

Assigned: Monday, February 2 Groundhog Day!

Due: Sunday, February 8, 11:59pm

Submit: XXXscript.txt -- typescript file of all interaction sessions
Zip file – containing the program files you create

To Do:

Work through exercises in Chapter 4 in the Prolog interpreter. RUN A SCRIPT program to capture your interactions in a typescript file. Save each such interaction session for the chapter and concatenate those into a single text file in the order in which they were generated.

NOTE: You will be typing some of the code from the book into files and running them in the interpreter. You will not want to type all that into the interpreter directly. They can have either a .pro or a .pl extension, I use .pro because I use .pl for perl programs.

Programs: Code in BOOK – make sure to create and run and include in zip file:

map.pro (or map.pl)
ohmy.pro (or ohmy.pl)
family.pro (or family.pl)
list_math.pro (or list_math.pl)
concat_step1.pro (ALSO ..._step2 and 3 and concat)
suddoko4.pl
queens.pl

YOU create these programs – assume you have a list of integers:

rev_list.pro reverse a list
small.pro find and print smallest item in a list
sort_list.pro sort the elements of a list

For sort, include IN COMMENTS in your code which sort you used and why you chose that particular sort. Make sure your programs work!!