

COSC 341/342 Programming Languages [for Educators] Project #4

Prolog actual exercises

From <http://learnprolognow.org>, write up the following and turn in paper or email (or URL) of your solutions.

Actual Assigned Exercises and Practical Session

1. Facts, Rules, and Queries

Do Practical Session 1 (do not turn in anything for this -- you're learning `listing`, `content`, and usual file extension for prolog source)

Exercise 1.1 (1 - 10)

Exercise 1.2 (1 - 10)

Exercise 1.3

Exercise 1.4 (1-6)

Exercise 1.5(1-7)

2. Matching and Proof Search

Do Practical Session 2 (do not turn in anything for this -- you're practicing `matching`, `trace` and `notrace`)

Exercise 2.1 (1-14)

Exercise 2.2 (1-5)

Exercise 2.3

3. Recursion

Do Practical Session 3 (do not turn in anything for this -- practice in figuring out recursion)

Exercise 3.1

Exercise 3.2

Exercise 3.3

EXTRA CREDIT

4. Lists

Do Practical Session 4 (do not turn in anything for this -- practice in using recursion on lists)

Exercise 4.1

Exercise 4.4