



Midterm Review

Outcomes

1. Midterm Review:

- Knowledge Representation
- Declarative Programming
- Prolog Language
 - CWA, Variables, Procedural Interpretation, Matching vs Unification
- Prolog Syntax
 - Structures, Lists
- Recursion and examples
- Cut
- Negation as failure

Midterm

CST8503 Midterm October 16th 2:00pm

- 1 hour test, but everyone given 1.5 hours
- Closed book, no Internet
- Part multiple choice Scantron Quiz (bring pencils, erasers)
- Part written answers on paper (bring pencils/pens erasers)
- Covers material so far in course
- Study guide:
 - Review lectures slides/notes
 - Review hybrid activity quizzes
 - Review labs and assignment

Midterm Rules

Let's go over the ICT Exam Conduct – Student.pdf file

Possible Questions

Multiple Choice:

- Similar to quizzes
- Could be based on the "Check your learning" slide questions

Written Answer:

- Write small programs involving recursion, possibly from lab or assignment
- Could be based on the "Check your learning" slide questions

Possible Questions Con't

- Write a predicate similar to “mymember(X,L), meaning that X is an element of the list L”
- Write a predicate having to do with a direct relationship and indirect relationship (successor/greater, parent/ancestor, etc)
- Write or debug a predicate involving arithmetic
- Explain what is meant by the Closed World Assumption
- Possible questions are not limited to these