Comp 333 Midterm 1 Study Guide Spring 2015

Topics that may be on midterm 1

1. Context free Grammars as studied in class
2. Parse trees
3. Leftmost derivation of sentences
4. Ambiguous grammars
5. Introduction to Compilers ( 5 phases and products from each phase)
6. Recursive descent parsers as in Project 2
7. Fortran – a little history ( from slides) and an ability to read Fortran code as in Project 1
8. Scheme – read and write Scheme functions( recursive and non-recursive)
9. Know Scheme constructs studied in class through Feb 19

Study Power point slides.

Do exercises from power point slides

Read the following sections in the Scott text:

Chap 1.4-1.6; Chap 2.1; Chap 2.3.1; Chap 10.1 – 10.3.4