CSC 351 – Comparative Programming Languages
Exam 2 Preparation Suggestions

This exam is on chapters 7 through 9 of the Sebesta textbook and the Lisp programming language. In preparation for this exam, you should make sure that you can:

1) Determine the specific type (e.g.: subprogram, iterative statement, …) of the language elements (e.g.: if, goto, repeat, …) we’ve discussed in the above chapters.
2) Discuss different types of expressions and the way operators and operands work in those expressions.
3) Discuss issues related to relational/Boolean expressions and assignment statements.
4) Discuss major issues related to control statements such as loops and selection statements.
5) Describe the value of subprograms and the use of parameters.
6) Write simple Lisp functions that manipulate integers and lists of atoms. This part will be of a complexity similar to the first two Lisp labs.

Notes:

- This exam is closed notes, closed book, and closed neighbor.
- There may be some questions that test material in the readings that was not discussed in class.
- None of the questions will require a recollection of obscure facts.
- The exam consists of matching and essay questions. You should be careful with your writing because I won’t give you credit for an answer I can’t read.