CSc 3320 : System Level Programming

TEXTS

Glass and Ables, *Unix for Programmers and Users,* Prentice Hall, Third Edition (2003), ISBN 0-13-046553-4.

King, *C Programming: A Modern Approach*, Norton, 1996, ISBN 0-393-96945-2.

We would like to add a web tutorial on using Unix.

The topics and page numbers are from Kim's website for the C Programming, 2nd ed book, except the first and last entries:

Lecture	Topic	page
1	The terminal window, vi editor, man pages, and using gcc/g++	(handouts)
2	Introducing C	1
3	C Fundamentals (variables, comments, simple program)	9
4	Formatted Input/Output (printf, scanf) plus security issues with these	37
5	Expressions (arithmetic, assignment, inc/dec)	53
6	Selection Statements (if, switch)	73
7	Loops (while, do, for, break, continue)	99
8	Basic Types (int, float, char, conversions)	125
9	Arrays	161
10	Functions	183
11	Program Organization (local, external variables, scope)	219
12	Pointers	241
13	Pointers and Arrays	257
14	Strings	277
15	The Preprocessor	315
16	The Standard Library	529
17	Input/Output	539
18, 19	Systems Programming introducing low-level I/O early	Glass/Ables 431