Midterm Study Guide

You are responsible for everything we discussed in class or in section. Additionally, you should know the material in Abrahams and Larson, Chapters 2 (except for 2.10 and 2.15–2.18), 3, 4.22–4.4.2, 5 (except 5.13–5.15), and 7.1. Questions about material in any of chapters 1–3, 4–11, 12 (except for 12.4–12.7), and 14 (except for 14.7–14.11) in Holmes are also fair game.

Some specific topics you should know:

UNIX System

standard input, output, error

pipes and redirection

aliases

history

shell variables

directories and path names

file manipulation commands (rm, cp, cat, mv, rmdir)

sending mail

C Language

precedence and order of evaluation of operands

integer and floating arithmetic

if/else, switch

recursion

arrays, pointers, and their relationship

scope

memory allocation

parameter passing to functions

while/for/do…while loops

declarations