

The last handout
April 22, 1985

Final exam

The final exam will be at 9:00 AM on Wednesday, May 1 in New West 210. The final will be cover the entire course, but will be slightly concentrated on those topics we have studied since the midterm. The exam will be drawn from chapters 1 through 8 excepting sections 6-7 through 6-10, 7-9, and 8-7, chapter 12 (FORTRAN 77), and chapter 16 (Ada) of the textbook plus the handouts on BASIC and LOGO and the Bill Joy lecture of April 24.

Before the exam think about the following questions, which would be appropriate homework questions for the last few topics of the course.

Outline how Ada's exception handling facilities could be used to write a calculator program that printed out appropriate error messages when arithmetic operators were applied to in appropriate values. (See pages 188-190 and 485-486).

Draw the stack, showing dynamic and static chains, and the display for a typical recursive Pascal program. (See sections 7-7 and 7-8, especially pages 249-250.)

Simulate mark-sweep and reference count garbage collection for a Pascal or LOGO program. (See section 8-6).

Write an Ada loop to find the largest element of an array.

Bill Joy lecture

On Wednesday, May 24, we will not have our usual 2:00 class. Instead the lecture on Unix at 3:30 that afternoon by Bill Joy of Sun Microsystems will be considered the final class. The lecture is being broadcast over the MCNC video network so it will be given in Peabody 08 (if entering Peabody from Cameron Avenue, walk down one-half flight of steps and go right). There will probably be a large crowd at this talk so you may consider arriving 5-10 minutes early.

final grades

I will try to grade the exams on the evening on May 1 and leave the graded exams with either Donna Boggs or Leigh Pittman in 311 New West. They should be available by Thursday, May 2.

As stated in handout #1, grades will be computed using the following weighings:

homework assignments (mostly programs)	30 %
midterm	30 %
final exam	40 %

It's impossible to predict the numeric range of letter grades until the final exams are graded; however, I will certainly be no "tougher" than the high school decade-a-grade rule (90+=A, 80-89=B, etc.).