

Burt Rosenberg

Announcement

MIDTERM: 14 OCTOBER, 1993

TODAY: 7 OCTOBER, 1993

Reading Assignment

Read Chapters 5–9 from *Algorithms*.

Midterm Announcement

The midterm will be closed book, 75 minutes, in class, on:

Thursday, October 14-th.

The material included on the midterm will be:

1. From the Logic of Programming:
 - (a) Loop Invariants.
 - (b) Boolean logic: DeMorgan's theorem, law of distribution.
 - (c) Interrelationships between control constructs: while-loops versus repeat-loops versus for-loops.
2. From the Practice of Programming:
 - (a) Pointer and Record syntax in Pascal. How to write statements using pointers and records.
 - (b) The List and Tree data structures. Simple stuff dealing with them, searching and inserting.
3. From the Analysis of Algorithms:
 - (a) Counting the number of times through the inner loop.