Reminders:

- Homework 9 is due at the beginning of class on Monday, April 13, and no late work will be accepted.
- Monday, April 13, has been set aside as a review for the exam. We will go over homework and answer any questions you have about the material.

The Exam 2 will be on Wednesday, April 15. You may bring one 8.5in x 11in sheet of paper with notes on one side to the exam. You may print out the sheet, but it must be in a 10-point font or larger. E.g., please do not photoreduce or print 4 pages on a side. If you handwrite your notes, they may be as small as you like. You may handwrite notes in the margins of a printout. You may use a calculator.

The exam will consist of questions on the material in Chapters 7-8, and covered in lectures and assignments through Wednesday, March 25. The material from Section 8.7 (Memory-Mapped Files) and Chapter 9 (Disk Systems) will not be on the exam. The exam will consist of questions similar to the homework problems.

The following is a list of topics that will be emphasized, but it is in no way to be construed as an exclusive list.

1. Real (i.e., static, complete allocation) memory management techniques. Contiguous and non-contiguous allocation strategies including paging and segmentation. Computation of effective memory access time.
2. Demand paging and virtual memory including the issues of page faults, page replacement algorithms, locality and working sets, and thrashing. Computation of effective memory access time.
3. File systems - API and implementation, backup and restoration schemes