Review for Final Exam

The Final Exam will be given 2:45-4:45pm, on Wednesday, April 27, 2011, in class (Room C-141). It will be an open text book (Andrew S. Tanenbaum, Structured Computer Organization, 5th Ed., Pearson Prentice Hall, 2006) and open notes test. It will be made up of short problems and short essay type questions. The use of calculators is allowed. The final exam will be comprehensive, however, more weight will be given to topics covered after Midterm Exam #2. Please refer to the Review Pages posted for MT#1 and MT#2, respectively.

The use of laptops, PDAs and cell phones are strictly prohibited. Students should bring their Blue/Green Exam Pads to the exam. You are responsible for topics covered in class and in the homework assignments, and the reading assignments. Students should turn in BOTH their Exam Pads and their Exam Books when the time is up for the test. Failing to do so will result in 0 credit for the Final Exam.

Chapters of the text to be reviewed since MT#2:

5.7 A Detailed Example: The Towers of Hanoi
5.8 The IA-64 Architecture and the ITANIUM-2

6.1 Virtual Memory
6.2 Virtual I/O Instructions
6.3 Virtual Instructions for Parallel Processing
6.4 Example Operating Systems
   6.4.1. Introduction

8.1 On-Chip Parallelism
8.2 Coprocessors
8.3 Shared Memory Multiprocessors
   8.3.1 Addressing

Note: