15-213 Recitation 12 - 4/16/01

Outline

- Exam Review

Reminders

- Exam 2 – 4/17, DH 2210
- Lab 5 Out Thursday

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Office Hours:

Wednesday 1:30 – 2:30

Wean 3108

Exam Review: Topics Covered

- Exceptional Control Flow
  - Functionality of fork(2), wait(2), exec(2), etc.
- Memory Management
  - Garbage Collection and Allocation
  - Techniques (implicit lists, explicit lists, boundary tags, etc.)
- Memory Bugs
- Caches
  - Functionality (How they work)
    - Direct Mapped
    - Associativity
  - Performance Analysis
    - Miss / Hit Rates
  - Addressing

Exam Review: Topics Covered

- Virtual Memory
  - Page Tables
  - Address Translation
  - Translation Look-aside Buffers
  - Cache Interaction
- Threads & Processes
  - Differences between threads and processes
  - Concurrency Issues