

CSE451 Midterm Results and  
More File Systems  
Spring 2001

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Today's Topics

- Midterm Results
- Continue on with file systems from last Wednesday
  - The on disk structure

Your job this week

- Readings in Silberschatz
  - Finish reading chapter 13, 11, and 12
- Homework #6
  - Out today Monday May 14, 2001
  - Due next Monday May 21, 2001
  - Silberschatz questions 11.8, 13.14 and the following two part problem
    - Part 1: What would be the problems if you keep the File Allocation Table structure in memory and did a lazy write back for the FAT?
    - Part 2: What advantage is there to caching the FAT and Directories compared to any other sector?

Midterm Results

- Average score 31.45 stdev 7.5

Problem	Average	Max	Problem	Average	Max
#1	2.7	5.0	#5	4.9	5.0
#2	3.2	5.0	#6	4.4	5.0
#3	2.7	10.0	#7	1.1	5.0
#4	4.7	5.0	#8	7.6	10.0

### Two Little Side Notes on Stable Storage

- The term stable when referring to disks is really relative
  - Compared to RAM a disk is pretty stable
  - But it is not non-destructible
- For an OS designer and implementer disks are both a blessing and a curse
  - They are a blessing because they are a lot more stable than RAM, likewise
  - They are a curse because they are a lot more stable than RAM
- So backup often, not only because of media failure but also because of OS errors and viruses