Administrivia

- Reminder: Homework 4 due today.

- Homework 5 posted. Due next week.

  Only one problem, involving strings, and — if not algorithmically challenging, at least somewhat interesting?
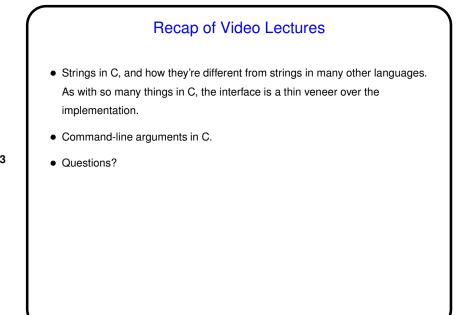
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Minute Essay From Last Lecture

- Almost everyone seemed to basically like the combination of video lectures and in-class practice problems. But there were a few who didn't! Traditional lectures seem not to engage students, though. Maybe there's no perfect approach, or maybe I just haven't found it yet.

- A few people did comment that it might be useful to write code as a group, like Dr. Lewis apparently does. I might try that, though it hasn't worked well for me in the past.

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Recap of Video Lectures

- Strings in C, and how they're different from strings in many other languages. As with so many things in C, the interface is a thin veneer over the implementation.

- Command-line arguments in C.

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- Questions?

Practice Problems

- First problem (not too hard?): Write a program that prompts for a line of text and then echoes it with any lowercase letters replaced by uppercase. (Hint: Use `toupper()`.)

- Second problem (harder): Write a program that takes one command-line argument, a string to search for, and prompts for a line of text and prints whether the line contains the string to search for. Optionally, also print the

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position at which it's found. (Hint: Use `strstr()`.)

Minute Essay

- Do you compile with just `gcc`, or `gcc -Wall`, or `make`?

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