Administrivia

- Reminder: Midterm in class Wednesday. See review sheet for format.

- Sample solutions for quizzes and homeworks online (except for the most recent homework, but that will be there later/tomorrow).
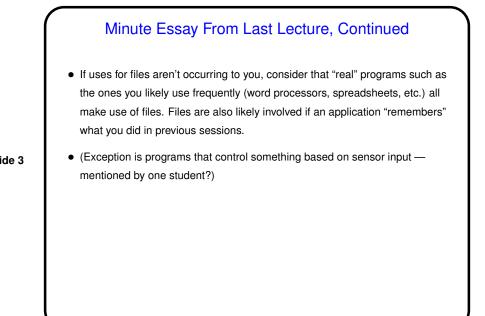
Slide 1

Minute Essay From Last Lecture

- Some people mentioned files being useful for working with large amounts of data, where it might be useful to split it up into different files. (Note however that one way to avoid typing in a lot of data is just to use I/O redirection.)

- One person mentioned how using files would let you separate input data from program logic and run the same program repeatedly with different data. (Compare to spreadsheets, maybe.)

- One person mentioned using files for intermediate storage(?) — split up logic of what you need to do in separate programs and have them use files to communicate.

Slide 2

Minute Essay From Last Lecture, Continued

- If uses for files aren't occurring to you, consider that "real" programs such as the ones you likely use frequently (word processors, spreadsheets, etc.) all make use of files. Files are also likely involved if an application "remembers" what you did in previous sessions.

Slide 3

- (Exception is programs that control something based on sensor input — mentioned by one student?)

Midterm Review

- (Topic by topic through review sheet.)

Slide 4

Minute Essay

- Anything noteworthy about Homework 5 (about loops)?

Slide 5