

Slide 1

### Administrivia

- Reminder: Homework 4 due today (Wednesday 9/29).
- Homework 5 (string handling) posted; due next week.

Slide 2

### Homework 5

- I-hope-interesting problem, namely identifying palindromes.
- Can be solved easily and compactly in languages with rich string libraries, such as Scala. But solutions are apt to involve a lot copying.
- Solutions involving copying less attractive in C. Approaches using pointers into strings may be more attractive.
- Examples: Sample program `compare.c`, `reverse-string.c`.

### Recap of Video Lectures

Slide 3

- Files in C.
- Nothing very deep here, though how C deals with errors is different from how more-recent languages do.
- A few people, in their video-quiz responses, speculated that `fopen()` might not open a file in “the wrong format”. I’m pretty sure `fopen()` doesn’t care!
- As with other languages I can think of, opening a file for output in C either creates it or overwrites it.
- One thing to maybe note is that C rather encourages reading a character at a time rather than a line at a time as many other languages do.
- Questions?

### Minute Essay

Slide 4

- Questions about this week’s videos? or anything else?