

Slide 1

Administrivia

- The calendar date brings back memories. History to y'all; not just that for me!
- Reminder: Homework 2 due today (11:59pm).
- Homework 3 posted; due next week.
Also not especially algorithmically challenging. Be advised that you should be able to complete this assignment with only the C constructs mentioned in class or reading, and that's what I intend.
- I hope to have Homework 1 graded soon. More about "returning" it in a later slide.
- It's a huge help to me to be able to tell just from the subject line of an e-mail what it is — a homework, a video quiz and which one, etc. Most of you are doing this; thanks!!

Slide 2

More Administrivia

- My office hours posted (on my "home page", linked from course Web site). If they don't work for you, keep in mind that I'm very willing to answer questions by e-mail. I try to respond promptly to questions; you can help me do that by putting "question" in your subject line.
- ACM-run peer tutoring available for this class via Discord. Can be a hugely valuable resource. I sent you details by e-mail and will also link them from course Web site soon.

Slide 3

More Administrivia

- Responses to my questionnaire about tools faculty use in teaching were interesting! Some take-away messages:
- Many faculty do seem to use TLearn, though I think few in our department. Most students seem fine with that, and with Google Classroom. Most sounded like they were okay with whatever the teacher uses, but:
- Student really appreciate frequent updates on overall grades. That's now one of my goals. They also like the idea of having everything for a course in one place.
- One student said they really preferred whatever the instructor was most comfortable with, since that improved the odds that it would be used effectively. Interesting! So . . .

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More Administrivia

- I already know TLearn just doesn't mesh well with how I like to do things. I looked briefly at Google Classroom but I'm not optimistic about it either. (Both have nice features, but.)
- I think I'm okay with regard to student usability to continue with my custom Web site but pay more attention to making everything available on it.
- With regard to grades and feedback: I'll set up a Google Drive folder for each of you, shared only with you, and upload grade-and-comments reports to that. I'm hoping to also use this mechanism to post frequent updates to your overall grades.
- (Questions or comments? Speak up or send chat message . . .)

A Few More Words About vim, Etc.

Slide 5

- Most people seem to have learned something from the tutorial. Good! vim is painful to use if you know only the bare minimum but starts to seem reasonable when you know more.
- I have some notes and tips on vim under “Links” on the course Web site. (Look at it briefly.)
- If you find beeps annoying, these notes say how to stop them in vim. To also stop them on the command line, make a file `.inputrc` with the following lines:

```
$include /etc/inputrc  
set prefer-visible-bell
```

Recap of Week's Video Lectures

Slide 6

- Using `make` to compile.
- Conditional execution in C.
- `scanf` and checking for errors.
- Recursive functions.
- Library functions in C.
- Questions?

Slide 7

Error Checking and Homework

- Doing a great job of getting command-line-style input is hard. However, just pretending users won't make mistakes is (IMO!) not good either.
- So I ask you to do some minimal checking, just enough to be sure the input data you use is at least reasonable if perhaps not exactly what the user intended.
- I also ask that on error you just bail out rather than prompting again — the latter is non-trivial and breaks my semi-automated testing.

Slide 8

Q-and-A Time

- Questions about options for doing homework? What are you using and how's it working? (I'll ask this in the minute essay but it might be nice for everyone to hear too.)
- Questions about Homework 2?

Minute Essay

- What are you doing about readings for the course? i.e., did you buy a copy of the recommended book, or do you plan to rely on the online tutorial?
- What option(s) are you using for doing homework, and how's that going?

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