

Slide 1

Administrivia

- Homework 1 grades almost done; I'll send a mail-to-all when I post them.
- Reminder: Homework 2 due 9/08 (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.

Slide 2

A Few More Words About `vim`, Etc.

- 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 "Useful 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
```

Slide 3

Recap of Video Lectures

- Using `make` to compile.
- Conditional execution in C.
- `scanf` and checking for errors.
- Recursive functions.
- Library functions in C.
- Questions? (I'll make this the minute essay.)

Slide 4

More Practice with Recursive Functions

- Try writing a recursive function that prompts for a sequence of integers, ending with anything not an integer, and prints their sum.
- Try writing a recursive function that prompts like the first one and prints the numbers in reverse order. Trickier! seems like you'd need an array to store them, but you don't.
- (Try either or both; we can talk more about them next time.)

Minute Essay

- Questions about this week's video lectures? (topics `make`, conditional execution, `scanf()` errors, recursive functions, library functions).

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