

Slide 1

Administrivia

- Reminder: Homework 7 due next week.
- Homework 8 posted. Due week after next. Topic is 2D arrays.
- Sample solution to Homework 5 posted.

Slide 2

Minute Essay From Last Lecture

- Indeed many students in this group did have their final year of high school disrupted by the pandemic.
- If you haven't sent me a minute essay because you weren't sure how to respond to that question, or didn't want to revisit unhappy memories:
Please just answer the straight technical part about questions so you get your attendance point, and I'm sorry if I brought back bad memories!

Recap of Video Lectures

- Multi-dimensional arrays in C, several ways.
- Conway's Game of Life and Homework 8.
(Many people said they had not heard of this game, but a few had. One knew of some of Conway's other work!)

Slide 3

Arrays in Homeworks 7 and 8

- Homework 7 asks you to, in effect, build a 2D "ragged" array of strings. Homework 8 asks you to work with code that builds and uses a 2D rectangular array of Boolean values. Similarly to one of the methods in the sample programs in video lectures.
- Both problems are based on a common strategy:
Set up a big 1D array of data (of `char` for HW 7, of `bool` for HW 8).
Set up an array of pointers that point into it.
(Picture?)

Slide 4

Minute Essay

- Questions?
- How's Homework 7 coming?

Slide 5