

Administrivia

- Homework 1 grades just mailed. Everyone got full credit, but you should fix any problems before next time.
- A few words about the computers in front of you:
 - Checking your e-mail when you first get here is okay.
 - Taking notes online or doing something relevant to the lecture is okay.
 - Surfing the Web, playing games, or doing your homework during lecture is not okay.
 - Remember that I can lock all screens ...
- We need to decide about tools for this class. Options include:
 - Together, with its glitches. Could combine with command-line tools.
 - Another IDE (Eclipse?).
 - Command-line tools.

Slide 1

Minute Essay From Last Lecture

- Write code to define an array of four `Strings` and fill it with data of your choice.
- Write code to define a two-by-three array of `int` and set each element to the sum of its row and column.

Slide 2

Searching Arrays

- Sequential search.
- Binary search. (Notice that it requires a sorted array.)

Slide 3

Sorting Arrays

- Bubble sort.
- Selection sort.
- Insertion sort.
- Shell's sort.
- Quicksort (later).
- Mergesort (later).

Slide 4

Minute Essay

- What setup have you been using to do your homework (Together in the lab, Together on your own computer, something else — what?)
- What problems (if any) are you having with it?