

A Very Little About "Random" Numbers
Homework 4 asked you to work with the library functions srand() and rand(). Belatedly, a few words about what they do ...
First, what we mean by "random" is (I think!) an interesting question with no obvious answer. What's often wanted is something that can't be predicted, and it's not clear we can get that with a system that's deterministic. Further, even if we could, we might not want that, since we often want to be able to repeat a test.
So, often what we really want is a "pseudo-random number generator" — something that generates a sequence of numbers that looks random but is repeatable given some reproducible starting point.
Early researchers apparently thought more-complex algorithms would give better results, but — not necessarily. Very simple algorithms can give quite good results.

Slide 2



Slide 3

Loops and Arrays — Another Example

- Homework 5 asks you to complete a starter sort program, as a way of getting more practice with for loops and arrays.
- Code should be pretty readable, but review?

Slide 4



Minute Essay
• None really — unless questions?
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