

Slide 1

## Minute Essay From Last Lecture

- Many people had trouble with Homework 6. I do mean for assignments to be somewhat challenging, but I don't mean for them not to be doable with a bit of effort.
- Slide 2
- At least one person mentioned how much difference memoization made to the recursive Fibonacci function. One of my original motivations for assigning this problem was to have an incentive to try it myself!















Slide 9

## Working With Text Strings in C, Continued

- Many library functions useful for working with strings, among them strcmp to use instead of relational operators.
- Significant problem in working with strings no natural maximum size, so
  must decide how big to make the array of characters used to hold one and
  then be sure you don't try to put in too many characters.
- Some library functions let you say how big the array is; some don't. *Always* be as careful as you can when working with strings; trying to store a string in an array not big enough is a source of "buffer overflows", which can lead to program crashes and more subtle problems, including security risks.

Slide 10



