Slide 2



More than half of you wanted a review of binary numbers and such. We will do that Monday (not today because one person who wanted it will be away), perhaps after the quiz so those who don't want/need the review can skip it.
Several people commented that Homework 3 was a bit more challenging than the previous ones. Yup! One person said, of the second problem, that it was "frustrating but fun". Programming can be like that!

Slide 3



Functions and Recursion, More Examples

• First a trivial but fun(?) example of using recursion: Print line of text in reverse order.

• Next a less-trivial example using recursion and also the use of functions to decompose a problem: Get an integer from standard input, without scanf.

Slide 4



Minute Essay Answer • foobar (5, 2) returns 7. Why ... foobar (5, 2) = 1 + foobar (5, 1) = 1 + 1 + foobar (5, 0) = 1 + 1 + 5 = 7 Slide 6 • It's a roundabout way of doing addition!