Lecture 27 Outline

November 30, 2015

Reading: *text*, §11

1. Greetings and felicitations!
    a. Midterms are in my office; you can come get them there.
    b. Homework 5 is last homework
    c. I will schedule a review session on December 7 or 8, depending on when I can get a room
2. Reading, writing text data with a fixed format
    a. Reading in text data with a fixed format (*fscanf*, *scanf*)
    b. Outputting text data with a fixed format (*fprintf*, *printf*)
3. Reading, writing characters and lines
    a. Reading text data as lines (*fgets*, *gets* — do not use this!)
    b. Reading text data as characters (*fgetc*, *getc*, *getchar*, *ungetc*)
    c. Writing text data as lines (*fputs*, *puts*— latter adds a trailing newline)
    d. Writing text data as characters (*fputc*, *putc*, *putchar*)
4. Other useful stuff
    a. Test for end of file (*feof*, also **EOF** or **NULL**)
5. Conditional operator
    a. *condition* ? *if_true* : *if_false*
6. Macros
    a. Without arguments
    b. With arguments