Lecture 22 Outline

November 16, 2015

Reading: *text*, §10

1. Greetings and felicitations!
    a. There is apparently a rumor going around that you will be penalized if you do not do the extra credit. ***This is absolutely untrue; not doing extra credit cannot hurt you as it is not part of your final grade; it is only used if you are on a borderline!*** If you hear this, please correct the person you heard it from. You can point them to the handout **General Information** in the Class Information folder under Resources on SmartSite.
    b. Midterms are in my offics; you can come get them there. I'll need to know your section number.
    c. Homework 2 is back. If you lost any points due to style, you can resubmit your program after fixing the problems, and get up to 80% of the points you lost. If yopu lost points due to non-robustness (basically, anything except commenting), you can see the Secure Programming Clinic for help. I'll post contact information in the Announcements on SmartSite later today.
2. How to write a program
    a. Go through homework #3, *getint.c*
3. Structures
    a. User-defined datatype
    b. As fields: `var.field`, `ptrvar->field`
    c. Use example of list of numbers (*usort2.c*)
    d. Do insertion sort (*linked.c*)
    e. Do timing program (*timeit.c*)