Lecture 9 Outline

October 14, 2015

Reading: *text* §6

1. Greetings and felicitations!
   a. The ECS 30 web hosting system (the system called "nob.cs.ucdavis.edu") suffered a disk crash and is down. We do not know when it will be back up. All material has been uploaded to SmartSite.
   b. Homework #2 is available and due October 30
2. Full program *calc.c*
3. Pointers and indirection
   a. A pointer is an address
   b. Declarations
   c. Address (&), dereference (*) operators
   d. indirect references
   e. File pointers as an example (*fileio.c*)
4. More on functions in C
   a. Parameters: pass (or call) by reference (also called output parameters)
   b. Example: swap function — exchange values of two variables (*swap.c*)
   c. Scope: local variables (*scope.c*)