Lecture 4: October 2, 2019

Reading: *C text*, §4.1–4.5, 4.7–4.8, 5.1–5.8

Assignments: Homework #1, due October 9, 2019

1. Greetings and felicitations!
   (a) Change of classrooms for 2 discussion sections:
      i. Discussion section A02 (Wed 5:10pm–6:00pm) moved from 223 Olson to 176 Chemistry
      ii. Discussion section A03 (Thu 1:10pm–2:00pm) moved from 223 Olson to 204 Art
   (b) To see which CSIF systems are up and which are down, go to [http://iceman.cs.ucdavis.edu/nagios3/cgi-bin/status.cgi?hostgroup=all](http://iceman.cs.ucdavis.edu/nagios3/cgi-bin/status.cgi?hostgroup=all)

2. `fahr2.c`
   (a) `#include <stdio.h>`
   (b) Macros
   (c) `float`
   (d) `for` loop

3. Relations and conditionals
   (a) `<, <=, >, >=, ==, !=`
   (b) `&&, ||, !`
   (c) Use in a `while` loop

4. Error handling
   (a) `if` statement
   (b) Back to program

5. Usability: prompt for amount

6. Loops
   (a) `for` loops
   (b) `while` loops
   (c) `do...while` loops