

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>
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