

Outline for April 4, 2023

Reading: zyBooks text §2.20, 3.1–3.12, 3.16–3.19, 4.1–4.5, 4.9

Assignments: Homework #1, due April 18, 2024

1. A more sophisticated Fahrenheit to Celsius temperature converter [*fahr2.c*]
 - (a) `#include <stdio.h>`
 - (b) Macros
 - (c) `float`
 - (d) `for` loop
2. Debugging: find the error! [*fahr2-buggy.c*]
3. True and false in C
4. Relations and conditionals [*log.c*]
 - (a) `<`, `<=`, `>`, `>=`, `==`, `!=`
 - (b) `&&`, `||`, `!`
5. Conditional statements
 - (a) `if` [*if.c*]
 - (b) `if ...else`
 - (c) Nested ifs [*nestedif.c*]
 - (d) The right way to do this [*nestedif2.c*]
 - (e) `switch` [*switch.c*]
6. Loops [*for.c*]
 - (a) `for` loops
 - (b) `while` loops
 - (c) `do ... while` loops
7. `scanf` problems [*scanf.c*]