Lecture 20: May 19, 2023

Reading: *zyBooks text*, §12.3   **Assignments:** Homework 3 and Extra Credit 3, due May 25

1. Announcements
    (a) We haven't graded the midterms yet
2. Bases
    (a) Hexadecimal to Binary, binary to hexadecimal
    (b) Decimal to Binary, binary to decimal
3. Bit operators and operations
    (a) And (&), or (|), xor (ˆ), not (∼)
    (b) Left shift (<<), right shift (>>)
    (c) Extracting one or more bits from a word [*bits1.c*, *bits2.c*, *bits3.c*]