CS-341 Lecture 20

April 20, 2001

Exam on April 24

- Will cover material from Chapter 3
  - Up to section 3.2.4
  - Programmable Logic Devices
    - From Lecture Notes
  - Shifter Design
  - Table 4-2.
  - Carry Lookahead Design from class on April 17. Exercises 14 and 18 relate to this. (Solutions have been emailed to you.)

Sequential Circuits

- Present state depends on sequence of inputs in the past rather than the current combination of inputs.
  - R-S Latch
  - Clocked R-S Latch
  - D Latch
  - R-S Flip-Flop
  - D Flip-Flop