CSCI 0202:
Computer Architecture

Spring 2022
Introductions

Hi.
Introductions

go/cs202
Introductions

go/cswiki
Abstraction
Abstraction is good!
Abstraction is bad!
Abstraction

is powerful
Abstraction

Python
C
Abstraction

Python
C
assembly language
Abstraction

Python
C
assembly language
machine code
Abstraction

Python
C
assembly language
machine code
finite state machine
Abstraction

Python
C
assembly language
machine code
finite state machine
sequential logic
Abstraction

Python
C
assembly language
machine code
finite state machine
sequential logic
storage elements & combinational logic
Abstraction

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assembly language
machine code
finite state machine
sequential logic
storage elements & combinational logic
logic gates
Abstraction

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assembly language
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finite state machine
sequential logic
storage elements & combinational logic
logic gates
transistors
Abstraction

Python
C
assembly language
machine code
finite state machine
sequential logic
storage elements & combinational logic
logic gates
transistors
physics
Abstraction

Python
C
assembly language
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finite state machine
sequential logic
storage elements & combinational logic
logic gates
transistors
physics
magic
Physics
Part I: Reality
Physics
Part III: Simulation

Digital
Transistors!
review course website: go/cs202

review posted course notes,
decide how you want to take notes

install Digital (instructions on course website)

(extra credit: check go/cswiki)