Review for final exam

Monday, May 5, 8-11PM

For pre-midterm topics, refer to midterm review lecture (2/27)

Post-midterm topics…
Maximal munch
Liveness ranges
Liveness analysis
Dataflow equations
Iterative fixpoint algorithms
Register allocation
Interference graph
Graph coloring
Simplify-select algorithm
Move coalescing
Spilling
Splitting

Optimizations
Peephole optimizations
Loop invariant hoisting
Dominator
Reaching definitions
Loop induction variables
Useless variable removal
Available (reaching) expressions
Common subexpression elimination
Copy propagation