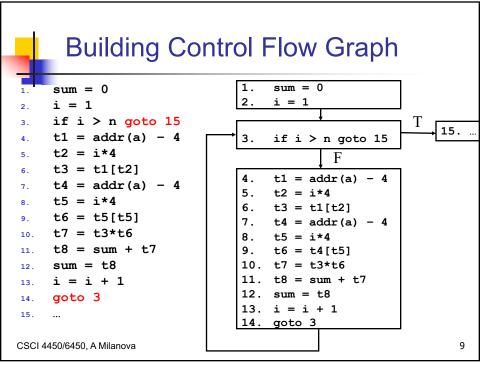
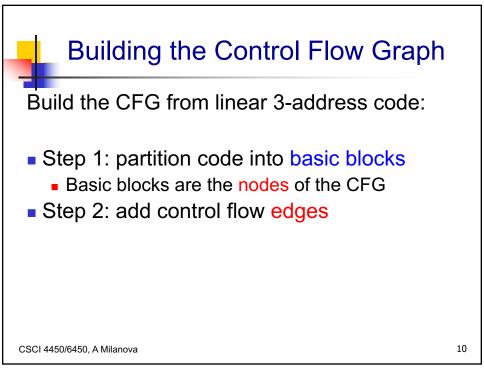
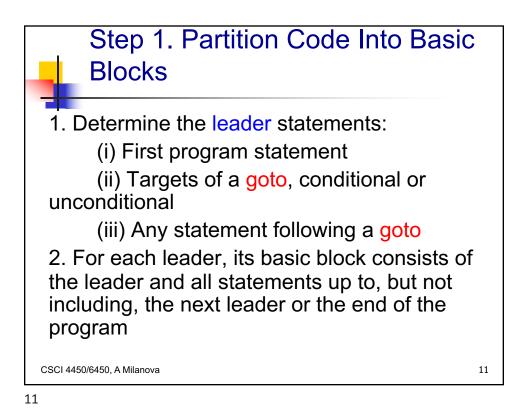
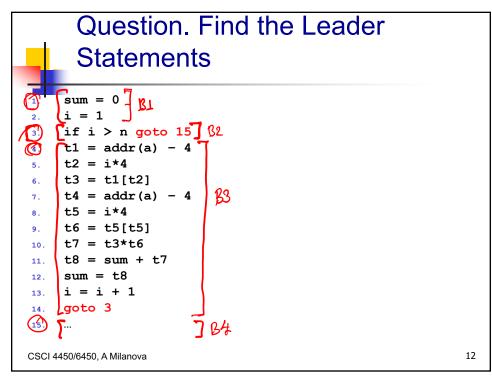


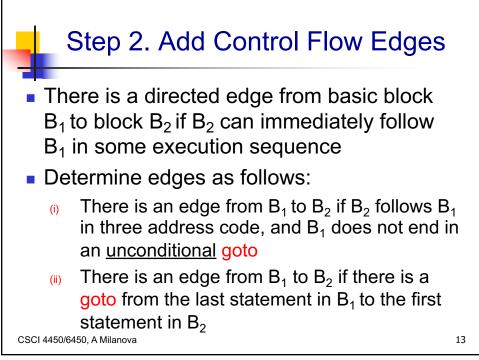
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Classical Compiler Optimizations
Summarize
Common subexpression elimination
Compongagation
Strength reduction
Strength reduction variable elimination
Constant propagation
Dead code elimination
Dataflow analysis <u>enables</u> these optimizations

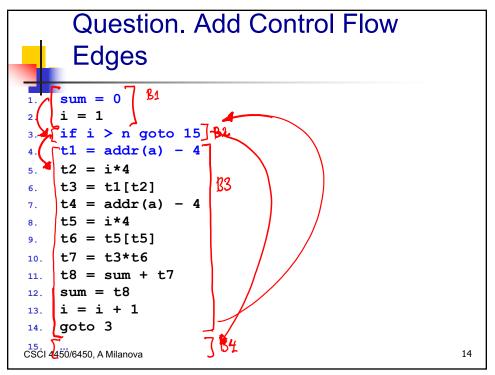


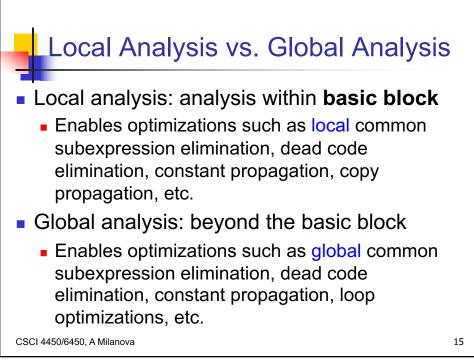


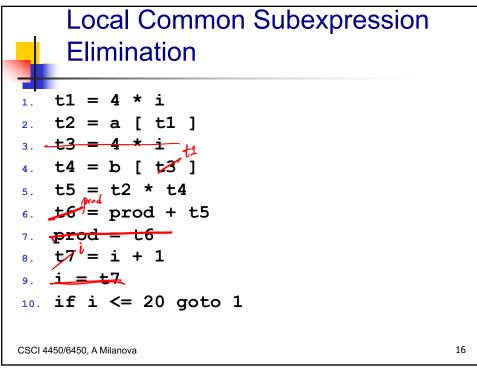


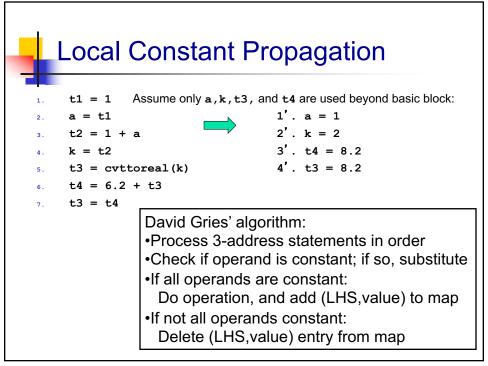


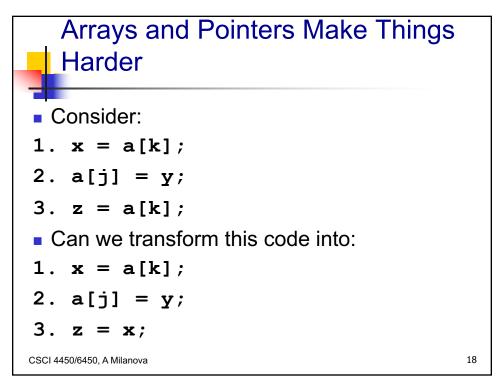


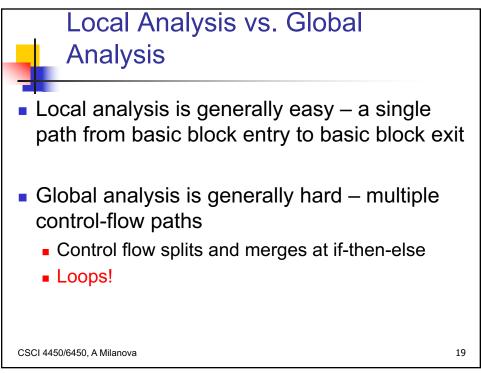


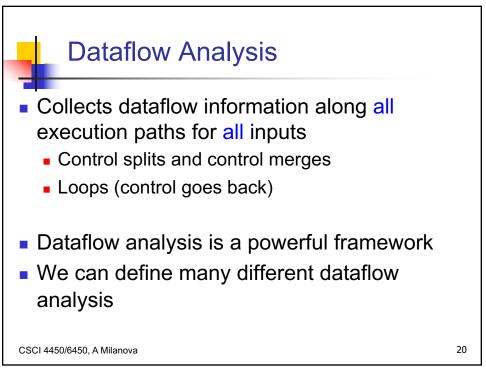


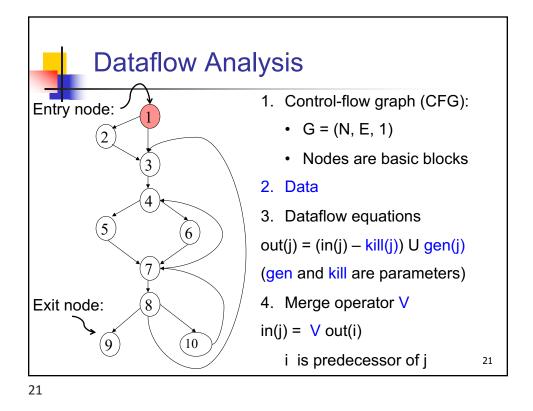


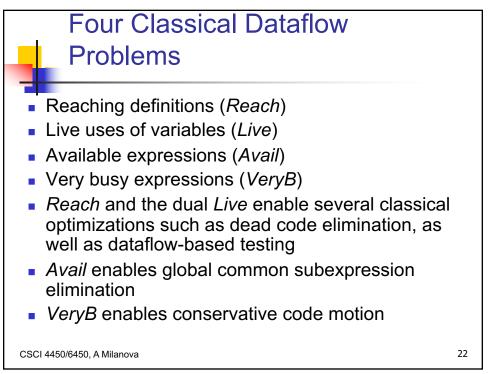


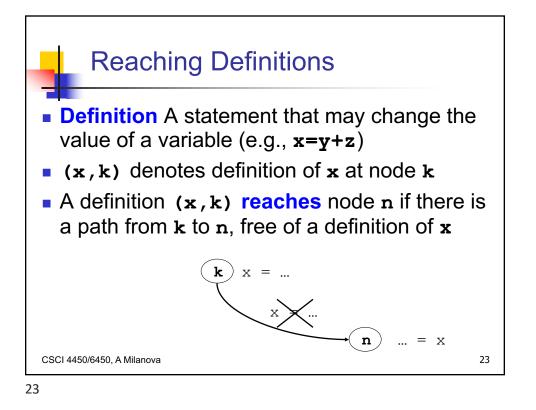


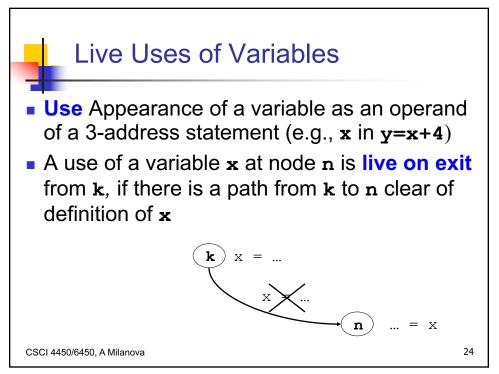


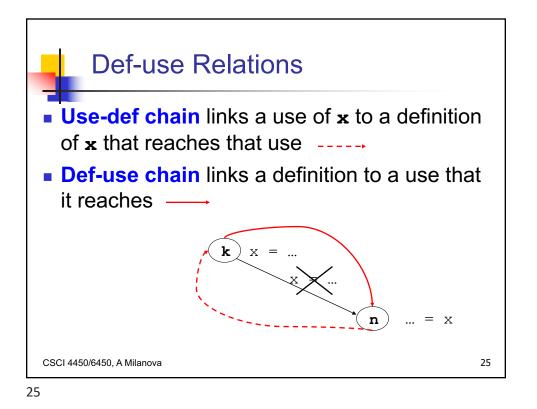


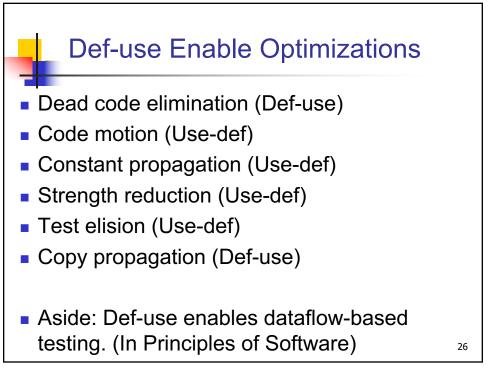


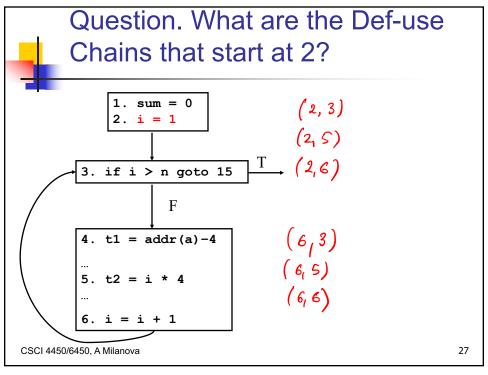


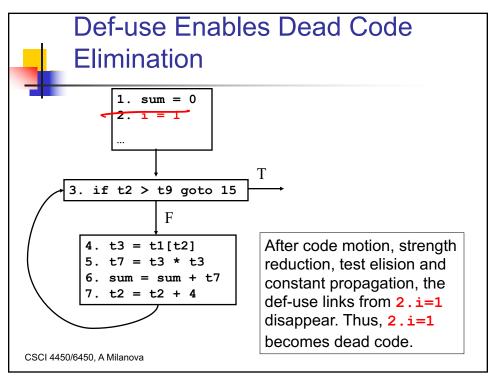


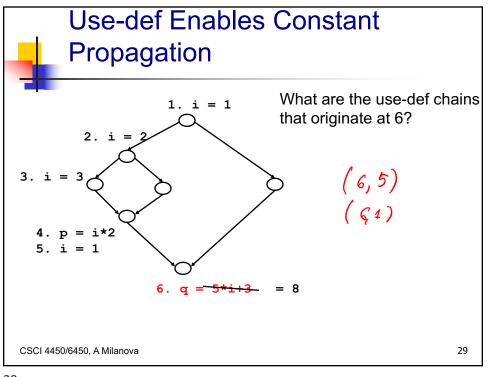


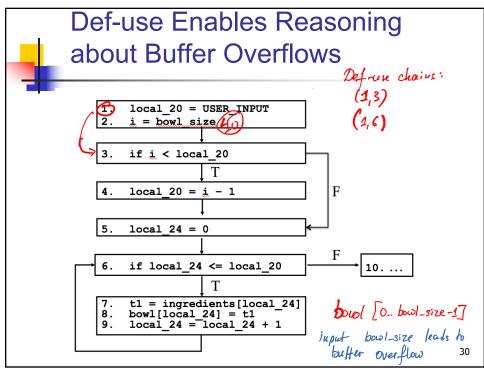


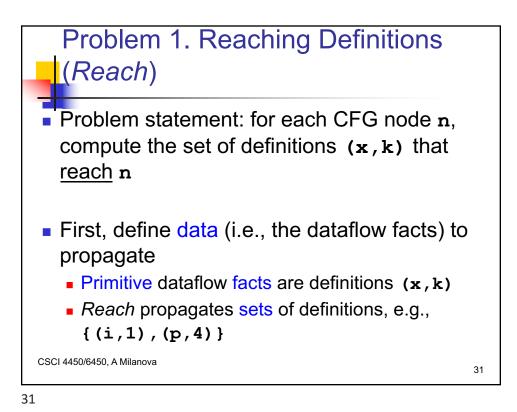


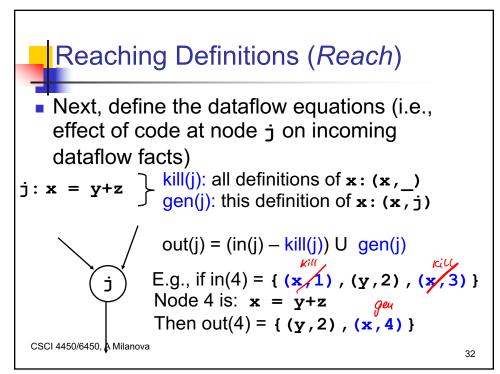


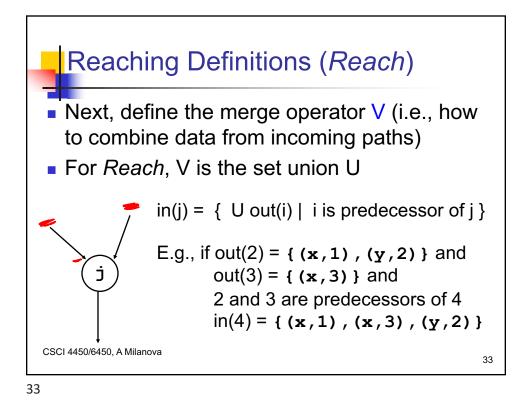


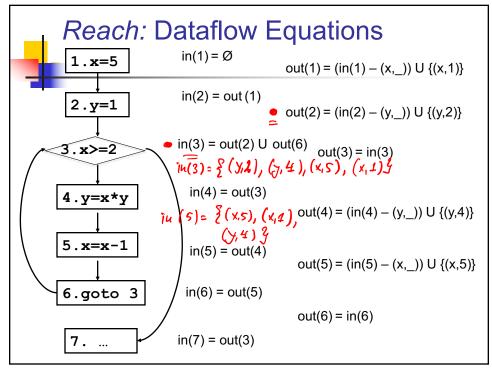


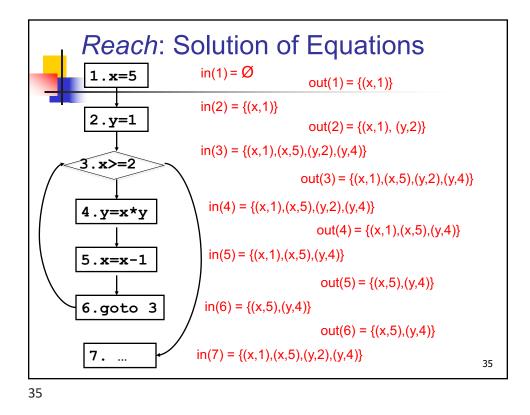


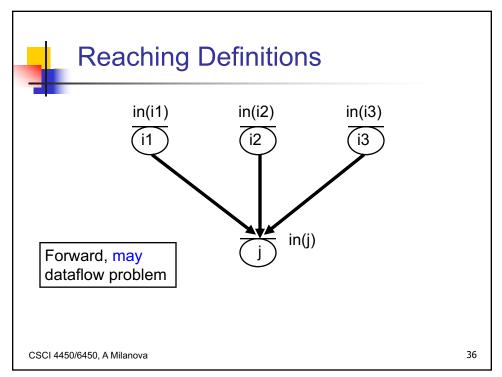


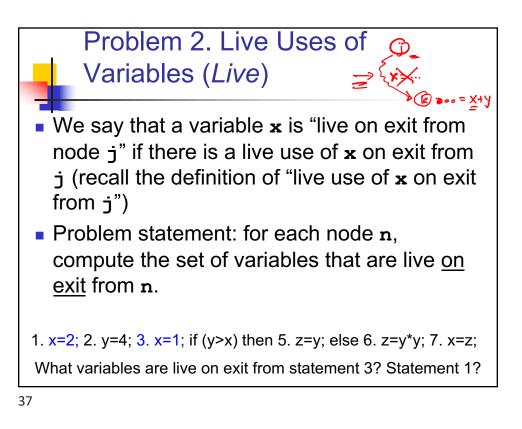


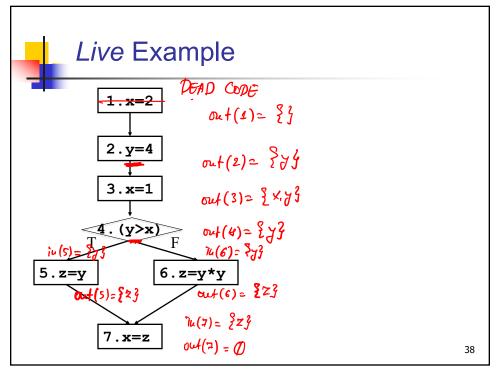


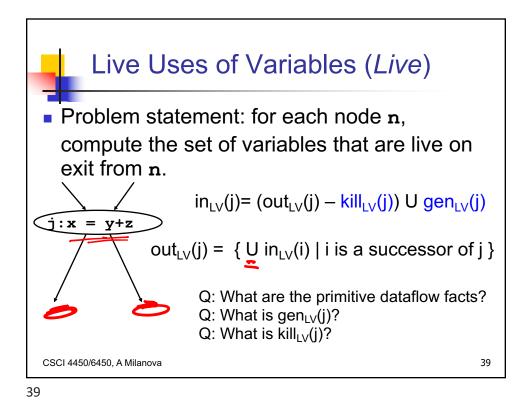


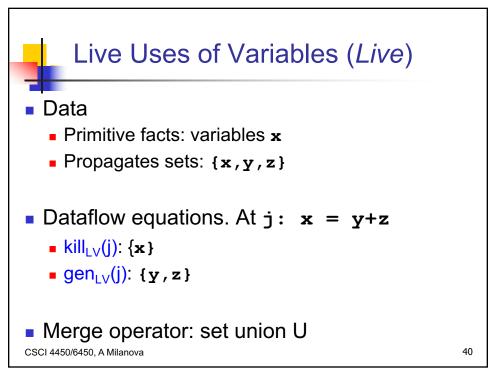


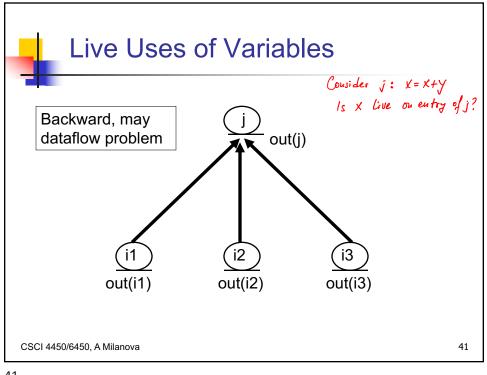




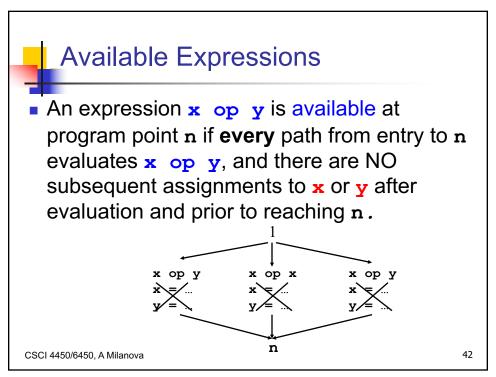


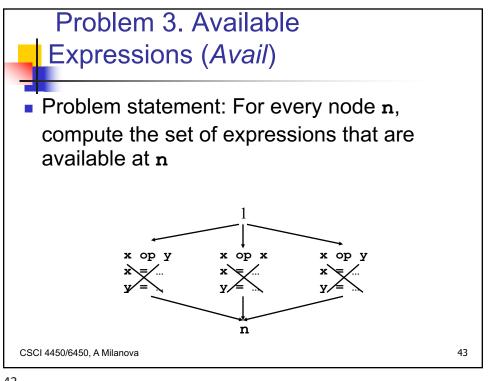




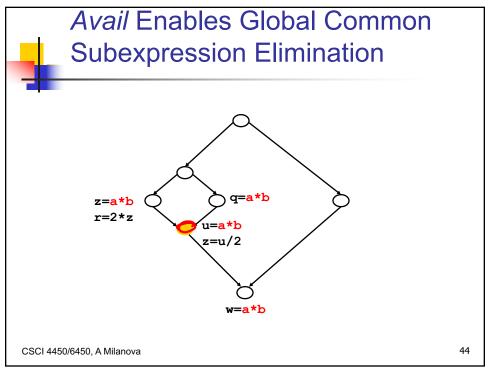


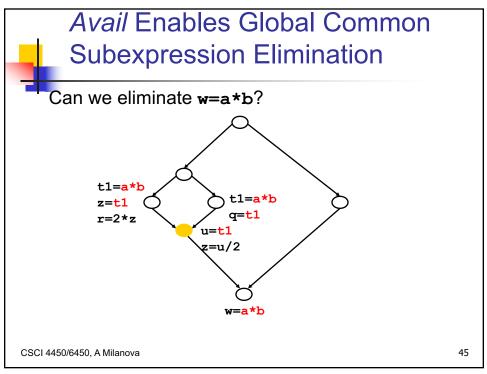


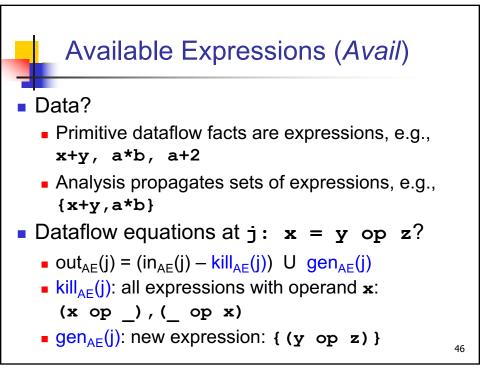


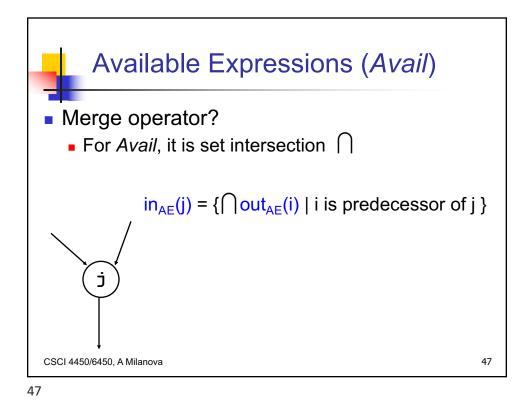


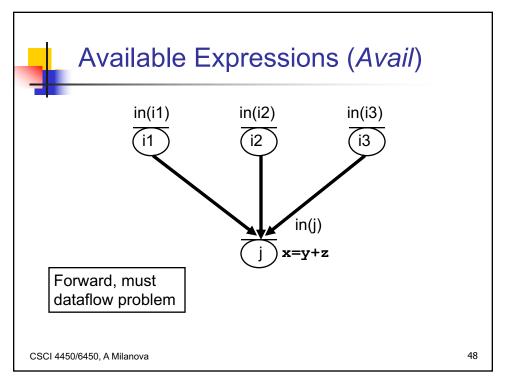


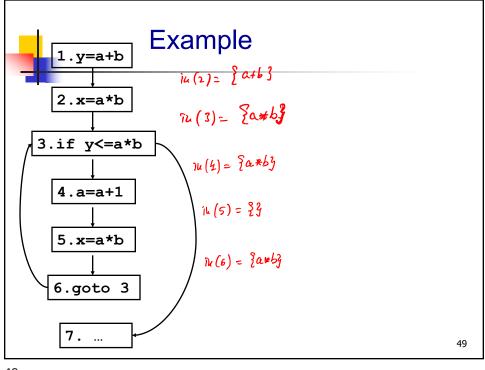


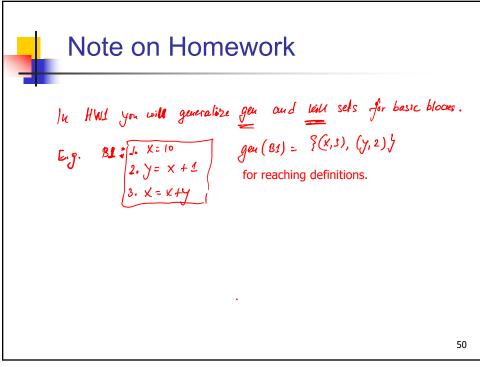


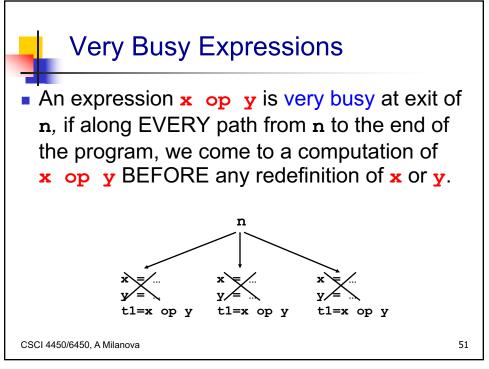


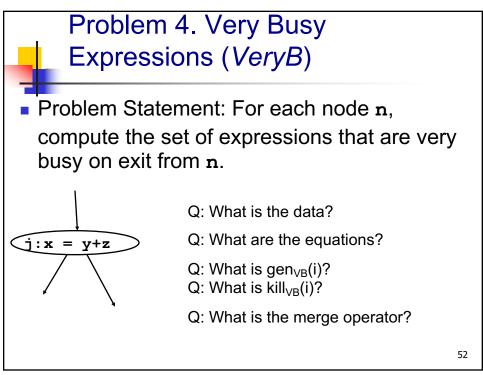


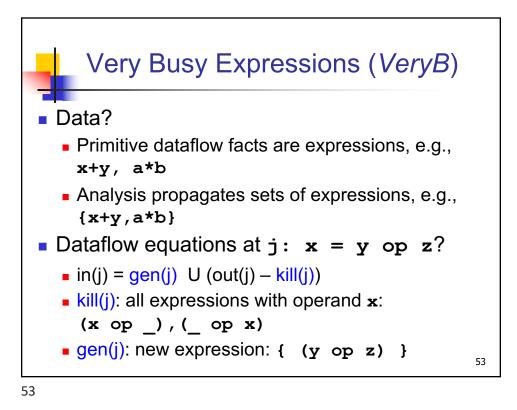


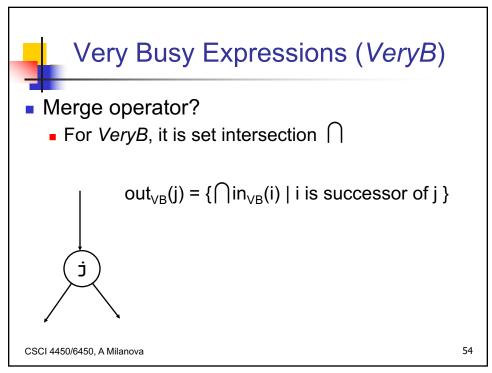


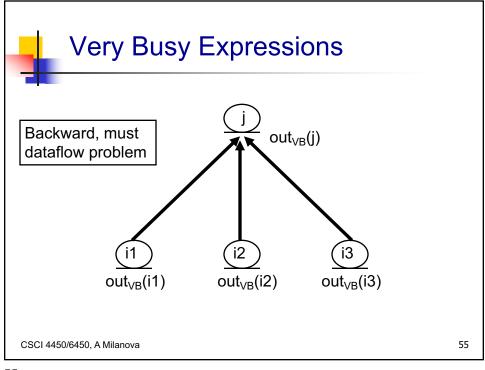












	May Analyses	Must Analyses
<i>Forward</i>	Reaching	Available
Analyses	Definitions	Expressions
<i>Backward</i>	Live Uses of	Very Busy
Analyses	Variables	Expressions

