

- Review for the Midterm.
 - Overview :
 - What are the phases in a compiler?
 - What do we do in each phase?

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 - Lexical analyzer :
 - Regular expression definition
 - Use regular expression to express an pattern
 - How to recognize regular expression?
 - NFA
 - DFA
 - minimize the DFA

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 - Syntax analysis :
 - context free grammar
 - use it to specify a language
 - top-down parsing
 - LL(1) (What is an LL(1) grammar?)
 - How an LL(1) parser works?
 - How to construct an LL(1) parsing table for a grammar.
 - » (First, Follow)
 - Bottom parsing
 - Model of Shift reduce Parser, Handle, Handle Pruning
 - Operator Precedence Parsing
 - SLR, LR(0) items,
 - Formation of SLR Parsing Table