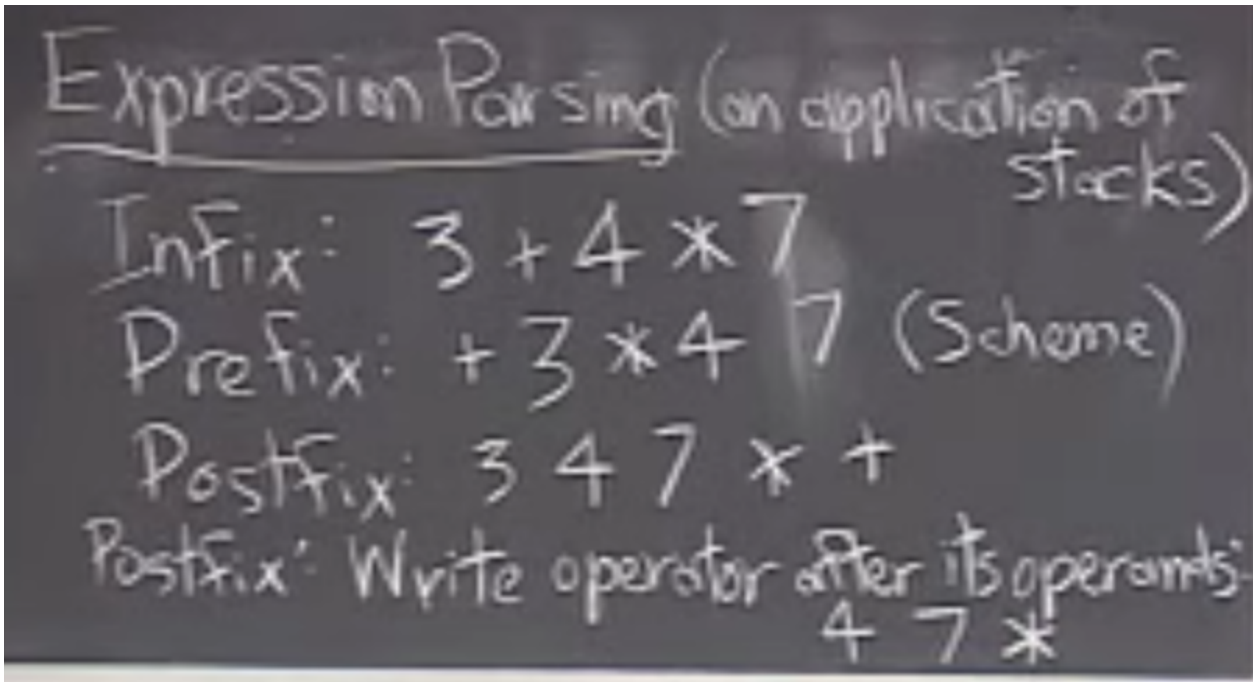
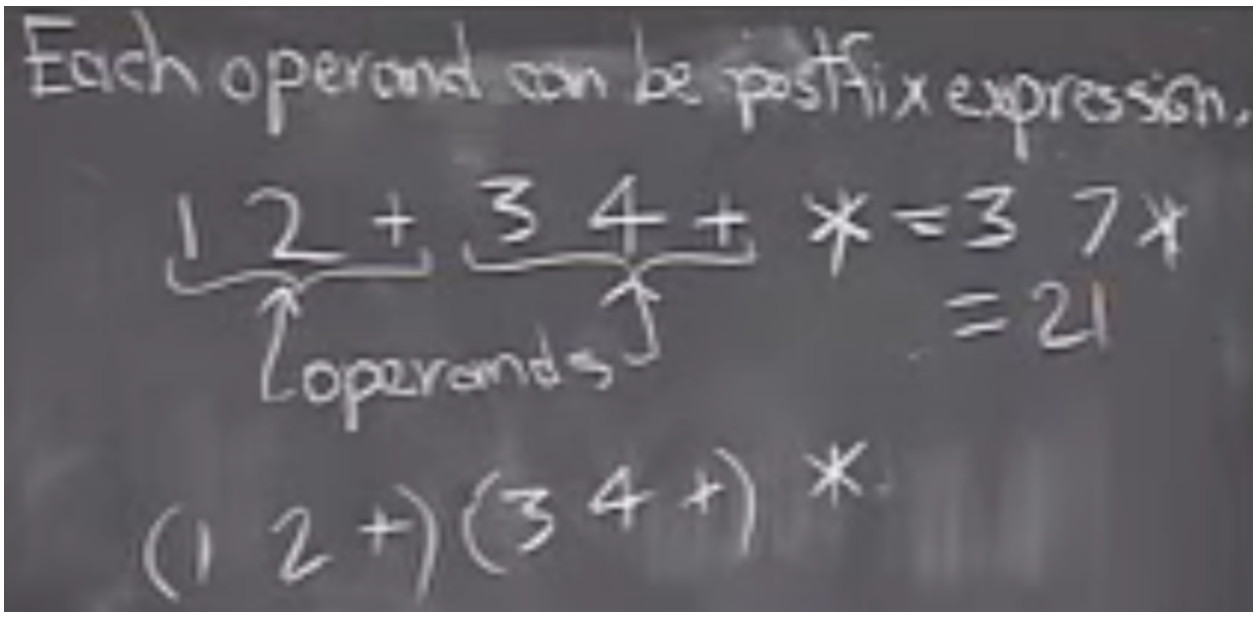
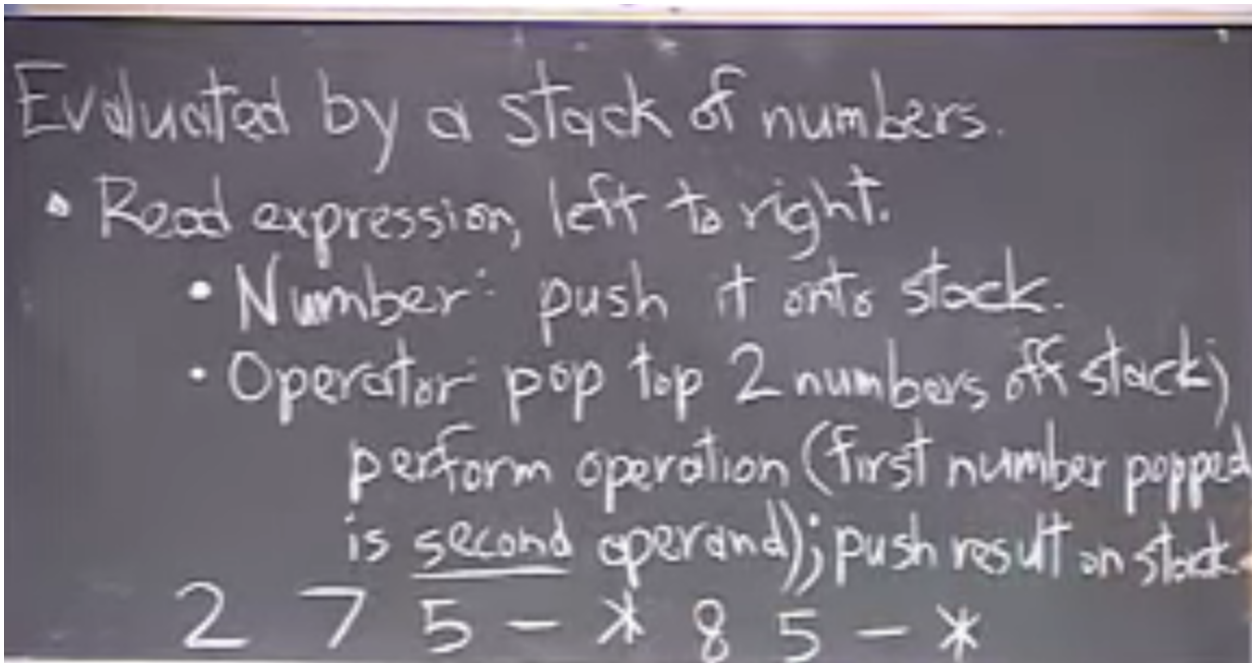
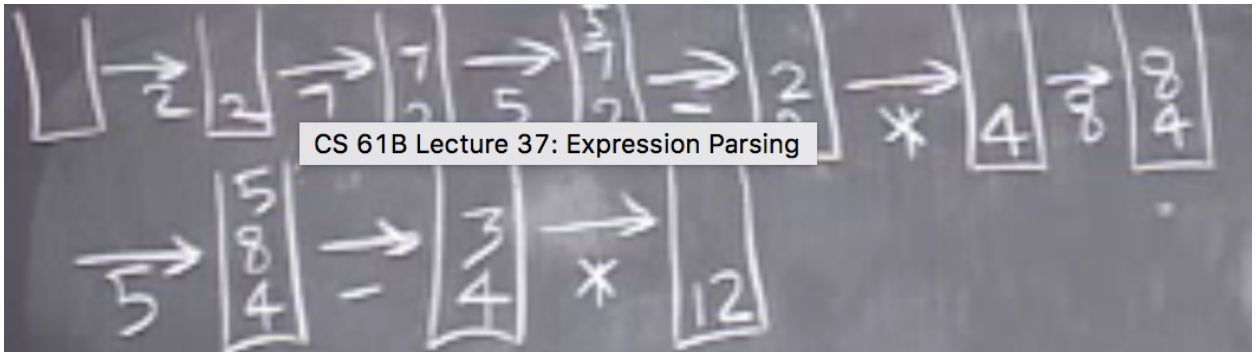
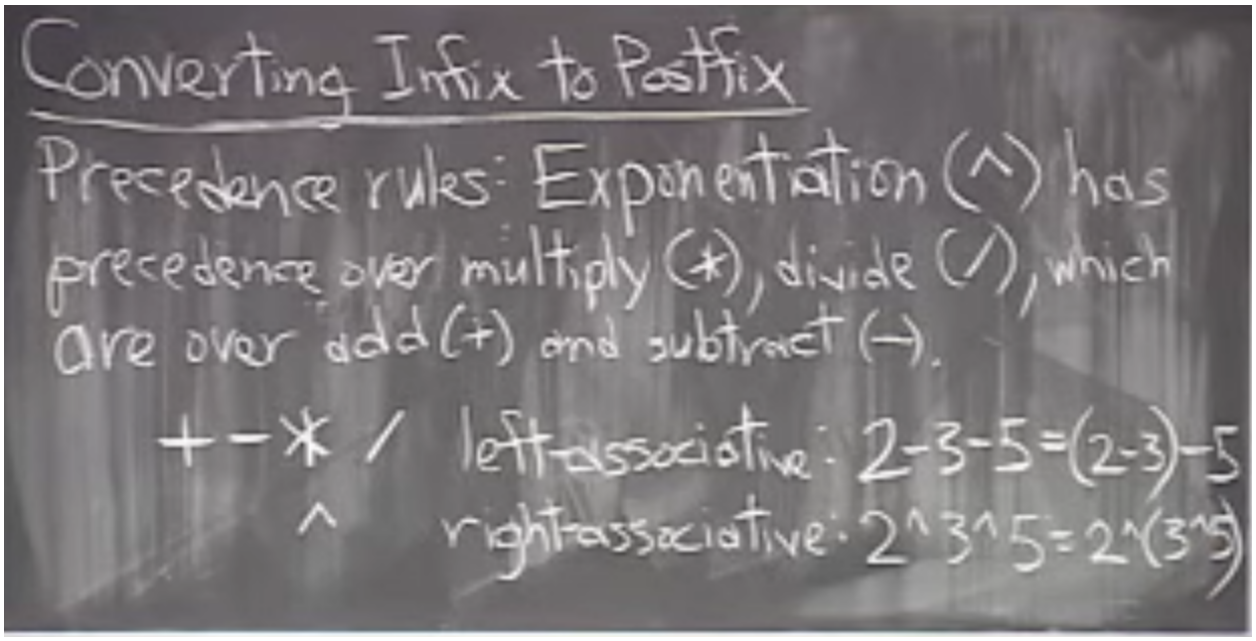

Expression Parsing (an application of stacks)
Infix: 3 + 4 * 7
Prefix: + 3 * 4 7 (Scheme)
Postfix: 3 4 7 * +
Postfix: Write operator after its operands
4 7 *


Each operand can be postfix expression.
1 2 + 3 4 + * = 3 7 *
= 21
operands
(1 2 +) (3 4 +) *

Postfix Expression







Convert infix to postfix with operator stack