

Language translation / processing interpretation / compilation

Scanning



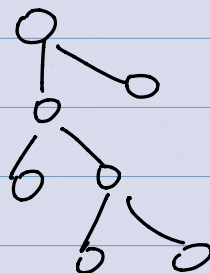
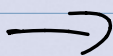
tokens



parser



parse tree



interpret

compile

Project 02

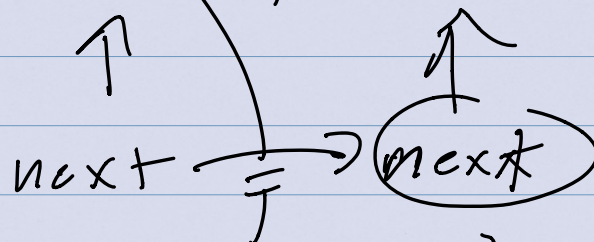
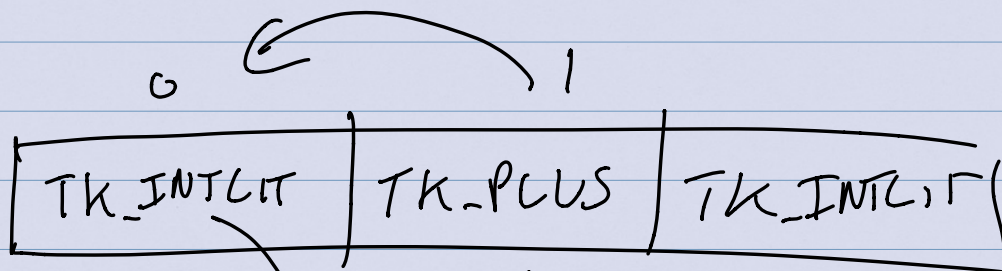
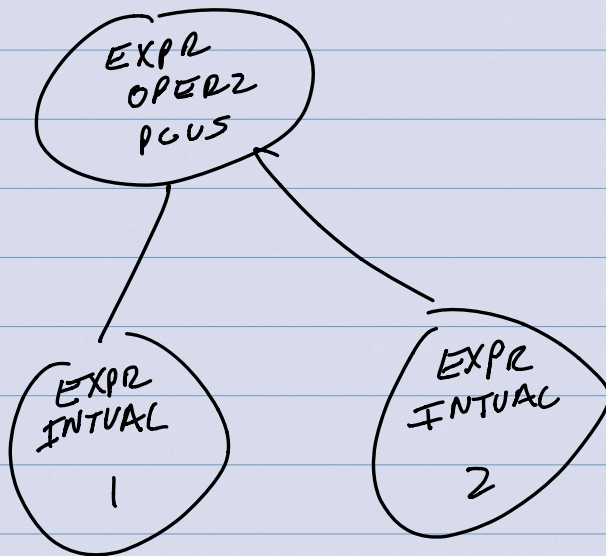
ntcalc

"1+2"

$((1+2)+3)-4)$

[$\text{expression} ::= \text{operand} + \text{operand}$
 $\text{operand} ::= \text{integer}$

" , "



accept (TK_INTLIT)
return true

(-1)

operator

$\text{expression} ::= \text{operand} \text{ ' + ' } \text{operand}$
 $\text{operand} ::= \text{integer}$



$\text{expression} ::= \text{operand (operator operand)}^*$
 $\text{operand} ::= \text{integer}$

