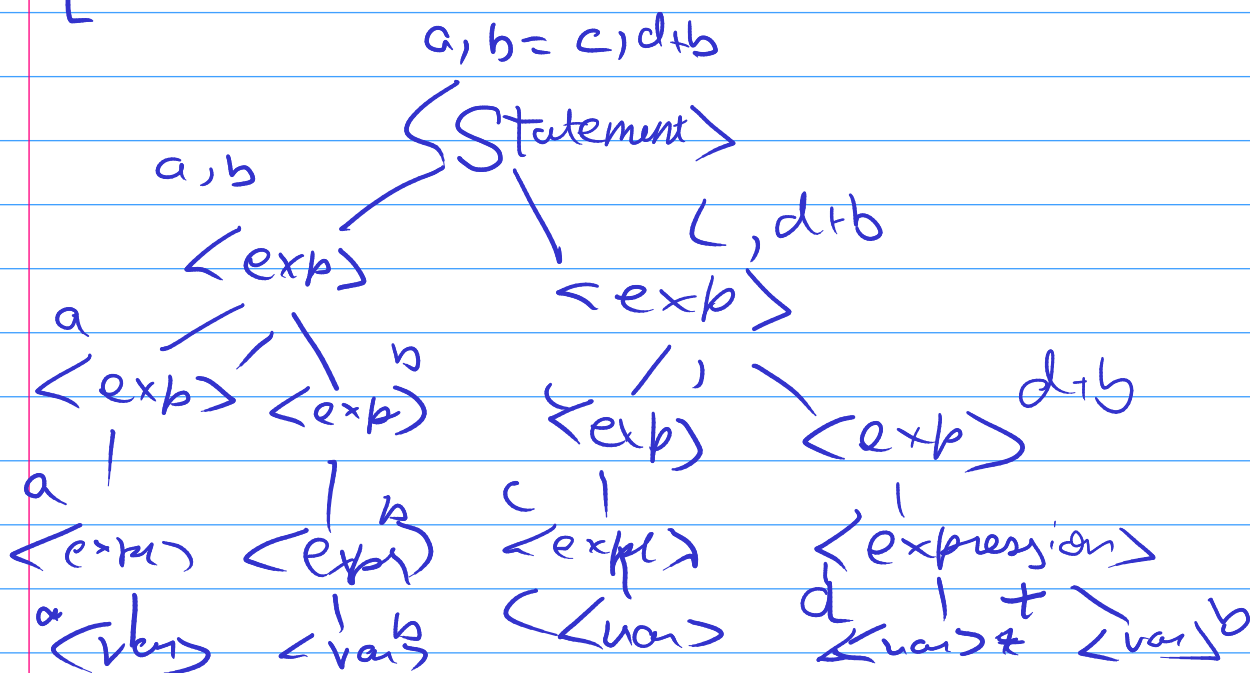


$$\left\{ \begin{array}{l} \langle \text{Statement} \rangle \rightarrow \langle \text{exp} \rangle = \langle \text{exp} \rangle \\ \langle \text{exp} \rangle \rightarrow \langle \text{expression} \rangle \mid \langle \text{exp} \rangle, \langle \text{exp} \rangle \end{array} \right.$$



$$p(q, r) \cdot s \cdot t$$

$$p(q, r) \cdot s \cdot s^+ \cdot U$$

$$p(q, r) \cdot s \cdot s^+$$

$$p \cdot s$$

$$p \cdot q \cdot s \cdot s$$

$$\left((p(q, r) \cdot s \cdot s^+) \cup p \cdot s \cdot s^+ \cup p(q, r) \cdot (q, r)^+ \cdot (q, r)^+ \cdot s^+ \right)$$

$$p \cup p \cdot (q, r) \cdot s \cup (q, r) \cdot (q, r)^+ \cdot s \cdot s^+ \cdot (p \cup p \cdot (q, r) \cdot (s \cup (q, r)^+ \cdot s^+))$$

int arr [arr2[arr3[i]]]
[n][0]

id num Operator = [all operators]

<expr> num / num operat

A[A[B[c] + d[e]]]
(n) + 1

$A \rightarrow aB$

$B \rightarrow [expr] | [expr] B$

$a \rightarrow id$

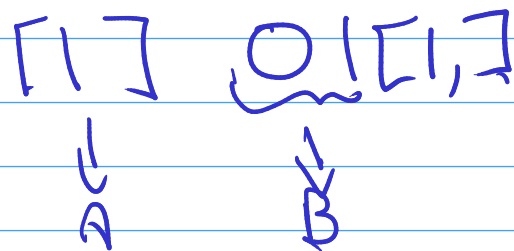
$expr \rightarrow id / num / expr \text{ operator } expr / \epsilon$

$operator \rightarrow + / - / * / \& / \%$

A[n]

2016 →

$$^*(01^*)^*$$



$$\langle St \rangle \rightarrow ABAC$$

$$A \rightarrow [1,]A|[1,]$$

$$B \rightarrow 01$$

$$C \rightarrow BAC1e$$

$$\langle St \rangle \rightarrow A1C$$

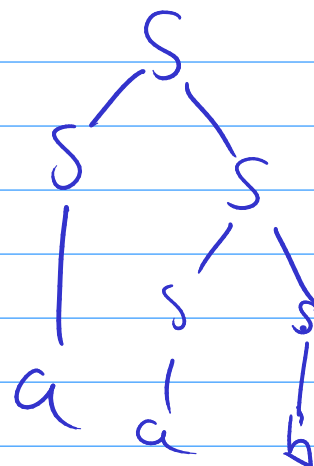
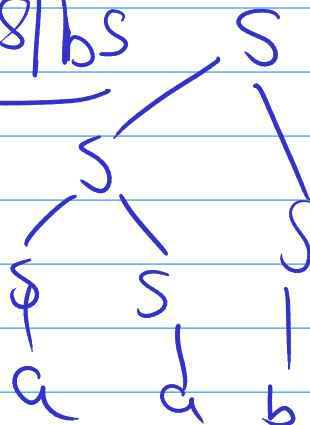
$$A \rightarrow 111A1e$$

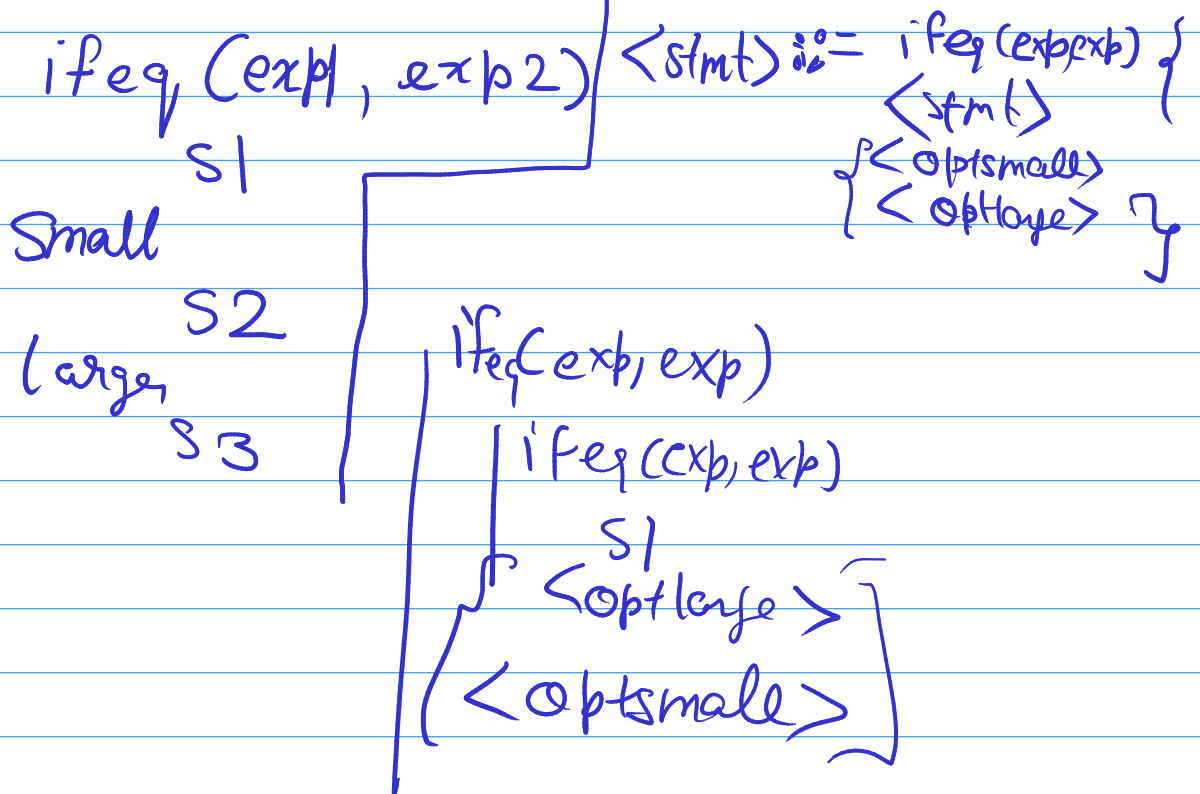
$$C \rightarrow BAC1e$$

$$B \rightarrow 01$$

$$S \rightarrow xSy | \emptyset$$

$$S ::= a|b|a8|bs$$





if ()
 Small
 ifeq
 S1
 large
 S2
 large S2

S1
 <optsmall>
 = small { <statement> }
 ||
 if eq
~~small S2~~
 large (S3)
 if

exp1.act type = exp2.act type