

- $N = \{ \langle \text{expr} \rangle, \langle \text{term} \rangle, \langle \text{factor} \rangle \}$
 $T = \{ \$, \#, @, *, X, (,) \}$
 $P = \{ \langle \text{expr} \rangle ::= \langle \text{term} \rangle \$ \langle \text{term} \rangle$
 $\quad \quad \quad | \quad \langle \text{term} \rangle$
 $\langle \text{term} \rangle ::= \langle \text{factor} \rangle \# \langle \text{factor} \rangle$
 $\quad \quad \quad | \quad \langle \text{factor} \rangle$
 $\langle \text{factor} \rangle ::= @X$
 $\quad \quad \quad | \quad *X$
 $\quad \quad \quad | \quad X$
 $\quad \quad \quad | \quad @(\langle \text{expr} \rangle)$
 $\quad \quad \quad | \quad *(\langle \text{expr} \rangle)$
 $\quad \quad \quad | \quad (\langle \text{expr} \rangle) \}$
 $S = \langle \text{expr} \rangle$

@
*
#
\$

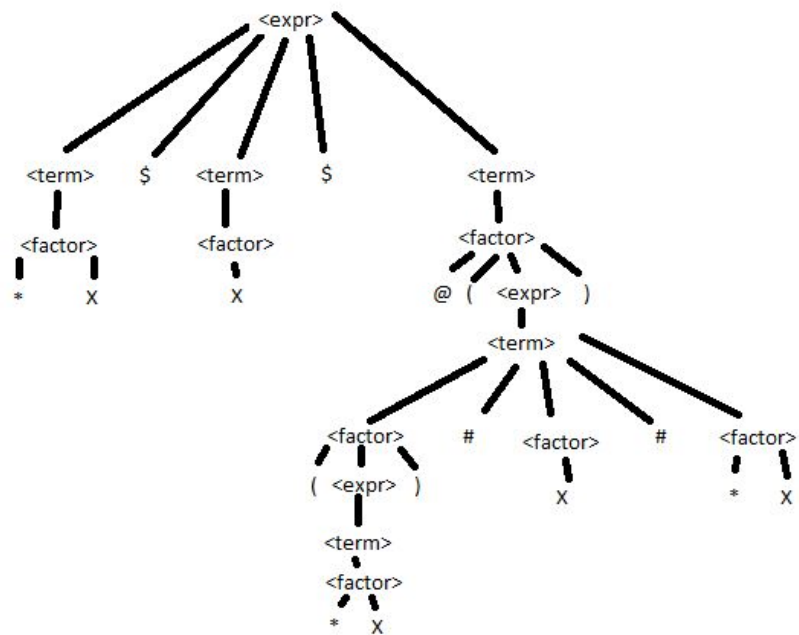


Chart A: $\langle A \rangle ::= \{00\}01[\langle A \rangle]$

Any number even number of zeros followed by 01 then can repeat because a single zero brings you to the same state as a single zero would at the start of A

Chart B: $\langle B \rangle ::= \{00\}0\langle A \rangle[\langle B \rangle]$

$\langle A \rangle ::= \{00\}01[\langle A \rangle]$

Same as chart a except instead of 01 the even number of zeroes is followed by 0<A> and may repeat the same as <A>

Ambiguity:

axbxc

