

LL(1) GRAMMAR

$G = (N, T, P, S)$

$T = \{id, num, (,), ;, if, else, \$\}$

$N = \{S', S, L, C, E\}$

P = set of following productions:

- (0) $S' \rightarrow S\$$ $First(S\$)$ =
- (1) $S \rightarrow id (L) ;$ $First(id (L) ;)$ =
- (2) $S \rightarrow if (E) S else S$ $First(if (E) S else S)$ =
- (3) $L \rightarrow \epsilon$ $First(\epsilon)$ =
- (4) $L \rightarrow E C$ $First(E C)$ =
- (5) $C \rightarrow \epsilon$ $First(\epsilon)$ =
- (6) $C \rightarrow , E C$ $First(, E C)$ =
- (7) $E \rightarrow id$ $First(id)$ =
- (8) $E \rightarrow num$ $First(num)$ =

LL(1) TABLE

	id	num	()	;	if	else	,	\$
S'									
S									
L									
C									
E									

FIRST AND FOLLOW SETS

	S'	S	L	C	E
First					
Follow					