

1.

$\text{First}(S) = \{ a \}, \text{Follow}(S) = \{ \$ \}$

$\text{First}(B) = \{ c \}, \text{Follow}(B) = \{ \text{First}(D) - \epsilon \} \cup \text{First}(h) = \{ g, f, h \}$

$\text{First}(C) = \{ b, \epsilon \}, \text{Follow}(C) = \text{Follow}(B) = \{ g, f, h \}$

$\text{First}(D) = \text{First}(E) \cup \text{First}(F) = \{ g, f, \epsilon \}, \text{Follow}(D) = \text{First}(h) = \{ h \}$

$\text{First}(E) = \{ g, \epsilon \}, \text{Follow}(E) = \{ \text{First}(F) - \epsilon \} \cup \text{Follow}(D) = \{ f, h \}$

$\text{First}(F) = \{ f, \epsilon \}, \text{Follow}(F) = \text{Follow}(D) = \{ h \}$

2.

$\text{First}(E) = \{ \text{id}, (\}, \text{Follow}(E) = \{ \$,) \}$

$\text{First}(E') = \{ +, \epsilon \}, \text{Follow}(E') = \{ \$,) \}$

$\text{First}(T) = \{ \text{id}, (\}, \text{Follow}(T) = \{ +, \$,) \}$

$\text{First}(T') = \{ *, \epsilon \}, \text{Follow}(T') = \{ +, \$,) \}$

$\text{First}(F) = \{ \text{id}, (\}, \text{Follow}(F) = \{ *, +, \$,) \}$

LL(1) Parsing table

	id	+	*	()	\$
E	E TE'			E TE'		
E'		E' +TE'			E' ε	E' ε
T	T FT'			T FT'		
T'		T' ε	T' *FT'		T' ε	T' ε
F	F id			F (E)		