

Grammar Assignment:

Given the grammar in the file, generate the parsing table also output FIRST and FOLLOW sets for each non-terminal:

Group Numbers ending with: 1, 3, 7: LL

Group Numbers ending with: 0, 4, 8: SLR

Group Numbers ending with: 5, 9: CLR

Group Numbers ending with: 2, 6: LALR

The input file format will be as below (Where EPS stands for EPSILON):

Example 1

##

TERMINALS ()

NONTERMINALS S

S -> (S) S

S -> EPS

##

Example 2

##

TERMINALS a b

NONTERMINALS S A B

S -> AB

A -> Aa | a

B -> Bb | b

##