1 Recursive Descent – LL(1) Grammar

The grammar given on INGInious needs to be modified in order to not be left-recursive. The following presents an equivalent grammar which is LL(1) (its first-sets and follow-sets, as well as the parsing table are given in the code file):

E   ::= TE'

E' ::= or TE' | ε

T   ::= FT'

T' ::= and FT' | ε

F   ::= not F | (E) | id