SYNTAX GRAPHS FOR EXAMPLE 3.1

The FIRST condition for an LL grammar is violated by the RHS rules for <stmt_list> and <expression> in Example 3.1. An LL grammar can be obtained by left-factoring these rules and replacing the right recursion in <stmt_list> with repetition. Using EBNF, the modified rules for Example 3.1 are:

The corresponding syntax graphs are shown below:

