The Syntax of the L756 Language

1. <program> -> <dcl> <body> END
2. <dcl> -> DCL <id> <dcl>
3. -> Є
4. <body> -> <stat> <body>
5. -> Є
6. <stat> -> <stat1>
7. -> <label> <stat1>
8. <label> -> <id> :
9. <stat1> -> LET <id> = <expr>
10. -> GOTO <id>
11. -> IF <expr> <relop> <expr> THEN GOTO <id>
12. -> <for> <body> NEXT
13. -> READ <id>
14. -> WRITE <expr>
15. <for> -> FOR <id> = <expr> <step> TO <expr> DO
16. <step> -> STEP <expr>
17. -> Є
18. <relop> -> <relop1>
19. -> =
20. <expr> -> <expr1>
21. <expr1> -> <expr1> <+-> <term>
22. -> <term>
23. <term> -> <term> <\*/> <oprnd>
24. -> <oprnd>
25. <oprnd> -> <number>
26. -> <id>
27. -> ( <expr1> )
28. <relop1> -> < > | <= | >= | < | >