

The Syntax of the L756 Language

1. <program>	->	<dcl> <body> END
2. <dcl>	->	DCL <id> <dcl>
3.	->	€
4. <body>	->	<stat> <body>
5.	->	€
6. <stat>	->	<stat ₁ >
7.	->	<label> <stat ₁ >
8. <label>	->	<id> :
9. <stat ₁ >	->	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.	->	€
18. <relop>	->	<relop ₁ >
19.	->	=
20. <expr>	->	<expr ₁ >
21. <expr ₁ >	->	<expr ₁ > <+-> <term>
22.	->	<term>
23. <term>	->	<term> <*/> <oprnd>
24.	->	<oprnd>
25. <oprnd>	->	<number>
26.	->	<id>
27.	->	(<expr ₁ >)
28. <relop ₁ >	->	< > <= >= < >