

Grammar

<program> → <statements>

<statements> → <statement> NEXT <statements>
 | <statement>

<statement> → <assignment_statement>
 | <operation_statement>
 | <print_statement>
 | <expression>

<assignment_statement> → ASSIGN OBRACE ID CBRACE TO OBRACE <expression> CBRACE

<operation_statement> → MUL OBRACE <statement> CBRACE BY OBRACE <statement> CBRACE
 | DIV OBRACE <statement> CBRACE BY OBRACE <statement> CBRACE
 | ADD OBRACE <statement> CBRACE W OBRACE <statement> CBRACE
 | SUB OBRACE <statement> CBRACE FROM OBRACE <statement> CBRACE

<print_statement> → PRINT OBRACE <expression> CBRACE

<expression> → <expression> <expression> TIMES
 | <expression> <expression> DIVIDE
 | <expression> <expression> PLUS
 | <expression> <expression> MINUS
 | ID
 | NUMBER