Full Grammar

Rule 0 S' -> start
Rule 1 start -> statements
Rule 2 statements -> statement statements
Rule 3 statements -> statement
Rule 4 statement -> simple_stmt
Rule 5 statement -> compound_stmt
Rule 6 simple_stmt -> expression_stmt
Rule 7 simple_stmt -> assign_stmt
Rule 8 simple_stmt -> increment_stmt
Rule 9 simple_stmt -> decrement_stmt
Rule 10 simple_stmt -> list_stmt
Rule 11 simple_stmt -> dictionary_stmt
Rule 12 compound_stmt -> if_stmt
Rule 13 compound_stmt -> while_stmt
Rule 14 compound_stmt -> for_stmt
Rule 15 compound_stmt -> function_stmt
Rule 16 expression_stmt -> expression
Rule 17 assign_stmt -> ID ASSIGN expression SEMICOLON
Rule 18 increment_stmt -> expression PLUS PLUS SEMICOLON
Rule 19 decrement_stmt -> expression MINUS MINUS SEMICOLON
Rule 20 list_stmt -> ID ASSIGN LSBRACKET elements RSBRACKET SEMICOLON
Rule 21 elements -> element COMMA elements
Rule 22 elements -> element
Rule 23 element -> expression
Rule 24 dictionary_stmt -> ID ASSIGN LCBRACKET dictionary_objects RCBRACKET SEMICOLON
Rule 25 dictionary_objects -> dictionary_object COMMA dictionary_objects
Rule 26 dictionary_objects -> dictionary_object
Rule 27 dictionary_object -> key COLON value
Rule 28 key -> STRING1
Rule 29 key -> STRING2
Rule 30 value -> expression
Rule 31 if_stmt -> IF expression DO statements elif_blocks END
Rule 32 elif_blocks -> elif_block elif_blocks

Rule 33 elif_blocks -> else_block
Rule 34 elif_blocks -> <empty>
Rule 35 elif_block -> ELIF expression DO statements
Rule 36 else_block -> ELSE statements
Rule 37 while_stmt -> WHILE expression DO statements END
Rule 38 for_stmt -> FOR EACH ID IN element DO statements END
Rule 39 function_stmt -> ID LPAREN statement RPAREN SEMICOLON
Rule 40 expression -> simple_expr
Rule 41 expression -> compound_expr
Rule 42 simple_expr -> boolean_expr
Rule 43 simple_expr -> not_expr
Rule 44 simple_expr -> number_expr
Rule 45 simple_expr -> id_expr
Rule 46 simple_expr -> string_expr
Rule 47 simple_expr -> list_expr
Rule 48 simple_expr -> parse_text_expr
Rule 49 simple_expr -> group_expr
Rule 50 simple_expr -> uplus_expr
Rule 51 simple_expr -> uminus_expr
Rule 52 compound_expr -> arithmetic_expr
Rule 53 compound_expr -> conditional_expr
Rule 54 boolean_expr -> TRUE
Rule 55 boolean_expr -> FALSE
Rule 56 not_expr -> NOT expression
Rule 57 number_expr -> NUMBER
Rule 58 id_expr -> ID
Rule 59 string_expr -> STRING1
Rule 60 string_expr -> STRING2
Rule 61 list_expr -> LSBRACKET elements RSBRACKET
Rule 62 parse_text_expr -> SELECTOR LPAREN elements RPAREN
Rule 63 group_expr -> LPAREN expression RPAREN
Rule 64 uplus_expr -> PLUS expression
Rule 65 uminus_expr -> MINUS expression
Rule 66 arithmetic_expr -> expression PLUS expression
Rule 67 arithmetic_expr -> expression MINUS expression
Rule 68 arithmetic_expr -> expression MULTIPLY expression
Rule 69 arithmetic_expr -> expression DIVIDE expression
Rule 70 arithmetic_expr -> expression POW expression
Rule 71 arithmetic_expr -> expression MOD expression

Rule 72 conditional_expr -> expression AND expression
Rule 73 conditional_expr -> expression OR expression
Rule 74 conditional_expr -> expression XOR expression
Rule 75 conditional_expr -> expression EQUALS expression
Rule 76 conditional_expr -> expression NOT_EQUALS expression
Rule 77 conditional_expr -> expression GREATER_THAN expression
Rule 78 conditional_expr -> expression LESS_THAN expression
Rule 79 conditional_expr -> expression GREATER_THAN_OR_EQUAL expression
Rule 80 conditional_expr -> expression LESS_THAN_OR_EQUAL expression