Parser node codes

This is best read in conjunction with the files nodes.h, token.h, nodes.c, symbol_table.c and the tokenizer and parser generator files, C.flex and C.y. If you have not used flex (lex) or bison (yacc) before, you can get an basic understanding of them starting from `https://en.wikipedia.org/wiki/Flex_(lexical_analyser_generator)` and `https://en.wikipedia.org/wiki/GNU_bison`.

LEAF	The left child contains the leaf value, which may either be an IDENTIFIIER, a CONSTANT or a STRING_LITERAL
IDENTIFIER	Node contains an IDENTIFIER
CONSTANT, STRING_LITERAL	Node contains an integer constant or a string literal
APPLY	Left child is an identifier that names a function or an expression that evaluates to a function; right child contains the arguments to the function call
VOID, FUNCTION, INT	Type information
d	Left child is an AST containing the return type; right child is the function definition
D	Left child is the function definition
F	Left child is the name of the function; right child are the formal parameters
CONTINUE, BREAK	Continue or break statement for loop control; a leaf node.
RETURN	Left child is an AST of the expression whose value is to be returned
~	A variable or a function declaration. In the case of a variable, the left child is the type and right child is the variable (or list of variables) to be declared. In the case of a function, the right child is an AST holding the rest of the function text.
;	A sequence; left child is first statement in the sequence; right child is the rest of the sequence or the last statement in the sequence.
=	Assignment; left child is an IDENTIFIER; right child is an expression whose evaluation results in the value with which to update the variable binding.
+, -, *, /, %, >, <, NE_OP, EQ_OP, LE_OP, GE_OP	Arithmetic and comparison operators; children are expressions.
IF	Conditional statement; left child is a conditional expression; right child might be "then" part or "then" + "else", denoted by absence/presence of "else".
WHILE	While-loop; left child is the loop condition; right child is a statement or sequence of statements.