Comp -> LESST | LESSTQ | GREATT | GREATTEQ | EQUIV

Var ->IDENTIFIERIFIER | IDENTIFIER L_SQUARE_BRACKET Expression R_SQUARE_BRACKET

Term -> Var | Digits | NEG DIGITS | NEG L_PAREN Expression R_PAREN |L_PAREN Expression R_PAREN | IDENTIFIER L_PAREN Expression R_PAREN

Mult_Exp -> Term MULT Mult_Exp | Term DIV Mult_Exp | Term MOD Mult_Exp

Expression -> Mult_Exp ADD Expression | Mult_Exp SUB Expression

Bool_Exp -> Relation_Expression | Bool_Exp OR Relation_Exp

Relation_Exp -> NOT Expression Comp Expression | Expression Comp Expression | TRU | FAL | L_PAREN Bool_Exp R_Paren | Relation_Exp AND Relation_Exp

Statement -> Var ASSIGN Expression SEMICOLON
| IF Bool_Exp THEN Statment SEMICOLON ENDIF SEMICOLON
| IF Bool_Exp THEN Statement SEMICOLON ELSEIF Statement SEMICOLON
| Loop_Statement SEMICOLON | READ Var SEMICOLON| WRITE Var SEMICOLON
| CONTINUE SEMICOLON
| BREAK SEMICOLON
| RETURN Expression SEMICOLON

Loop_Statement -> DO BEGINLOOP Statement SEMICOLN ENDLOOP WHILE Bool_Exp | WHILE Bool_Exp BEGINLOOP Statement SEMICOLN ENDLOOP

Declaration -> IDENTIFIER COLON INTEGER SEMICOLON | IDENTIFIER COLON ARRAY L_SQUARE_BRACKET DIGITS R_SQUARE_BRACKET INTEGER SEMICOLON

Function -> Function IDENTIFIER SEMICOLON BEGIN_PAR Declaration SEMICOLON END_PAR BEGIN_LOC Declaration SEMICOLON END_LOCALS BEGIN_BOD Statement SEMICOLON END_BOD

Program -> Function Program