| | Phase 2 Grammar (Non-terminals are Underline |
|-------------|--|
| 1) | Var - "identifier" "identifier" "[Expression "]" |
| 1-6) | Vars - Var, Vars / yar |
| 2) | Term - identifier ("Expressions")" "("Expression")" - "("Expression")" "number" - "number" Var - Var |
| 3) | Multiplicative-Expr - Term 10 Multiplicative-Expr Term / Multiplicative-Expr Term / Multiplicative-Expr Term |
| | Expression - Multiplicative - Expression Multiplicative - Expr + Expression Multiplicative - Expr |
| | Expressions - Expression, Expressions Expression & |
| 5) | Comp - ">=" \ "Z=" \ "Z" \ "Z" \ "Z=" \ "==" |
| 6 | Relation-Expr - Relation-Expres not Relation-Expr O |
| 246) e-b | Relation-Expro - "("Bool-Expr")" False True Expression Comp Expression |
| H) | Relation-And-Expr - Relation-Expr and Relation-And-Expr 1 Relation-Expr |
| 8) | Bool-Expr- Belation-And-Expr or Bool-Expr Belation-And-Expr |

- 9) Statement "Return" Expression | "Continue" |
 "Write" Vars | "Read" Vars | "Foreach"

 "identifier" "in" "identifier" "begin loop" Statements

 "end loop" | Do" "begin loop" Statements "end loop"

 "while" Bool-Expr | While Bool-Expr

 "begin loop" Statements "end loop" | "If" Bool-Expr

 "then" Statements Else Statement "end if" |

 Var ":=" Expression
- 9-6) Statements -> Statement; 1 Statement; Statements
- 9-c) Else Statement "else" Statements 1 &
- 10) Declaration Identifiers: array [number] of ints |

 Identifiers: integer
- 10-6) Declarations Declaration " Declarations | &
- 10-c) Identifiers "identifier", Identifiers \ "identifier"
 - II) Function "function" "identifier" "" "begin params"

 Declarations "endparams" "begin locals"

 Declarations "endlocals" "begin body"

 Statement "endbody"
- 12) Program Function Program / E