⟨*Program*⟩	::=	⟨*Declarations*⟩ ⟨*Body*⟩

⟨*Body*⟩	::=	'BEGIN' ⟨*InstructionList*⟩ 'END'

⟨*Declaration*⟩	::=	⟨*id*⟩
	|	⟨*id*⟩ '[' ⟨*num*⟩ ']'
	|	⟨*id*⟩ '[' ⟨*num*⟩ ']' '[' ⟨*num*⟩ ']'

⟨*Declarations*⟩	::=	'VAR' ⟨*DeclarationsList*⟩ ';'

⟨*DeclarationsList*⟩	::=	⟨*Declaration*⟩
	|	⟨*DeclarationsList*⟩ ',' ⟨*Declaration*⟩

⟨*Constant*⟩	::=	⟨*num*⟩

⟨*Term*⟩	::=	⟨*Constant*⟩**>**
	|	⟨*Variable*⟩
	|	⟨*id*⟩ '[' ⟨*ExpAdditiv*⟩ ']' '[' ⟨*ExpAdditiv*⟩ ']'
	|	'(' ⟨*Exp*⟩ ')'
	|	'NOT' ⟨*Exp*⟩

⟨*Variable*⟩	::=	⟨*id*⟩
	|	⟨*id*⟩ '[' ⟨*ExpAdditiv*⟩ ']'
	|	⟨*id*⟩ '[' ⟨*ExpAdditiv*⟩ ']' '[' ⟨*ExpAdditiv*⟩ ']'

⟨*ExMultipl*⟩	::=	⟨*Term*⟩
	|	⟨*ExMultipl*⟩ '$\star$' ⟨*Term*⟩
	|	⟨*ExMultipl*⟩ '/' ⟨*Term*⟩
	|	⟨*ExMultipl*⟩ '%' ⟨*Term*⟩
	|	⟨*ExMultipl*⟩ 'AND' ⟨*Term*⟩

⟨*ExpAdditiv*⟩	::=	⟨*ExMultipl*⟩
	|	⟨*ExpAdditiv*⟩ '+' ⟨*ExMultipl*⟩
	|	⟨*ExpAdditiv*⟩ '−' ⟨*ExMultipl*⟩
	|	⟨*ExpAdditiv*⟩ 'OR' ⟨*ExMultipl*⟩

⟨*Exp*⟩	::=	⟨*ExpAdditiv*⟩
	|	'(' ⟨*ExpAdditiv*⟩ '>' ⟨*ExpAdditiv*⟩ ')'
	|	'(' ⟨*ExpAdditiv*⟩ '<' ⟨*ExpAdditiv*⟩ ')'
	|	'(' ⟨*ExpAdditiv*⟩ '>=' ⟨*ExpAdditiv*⟩ ')'
	|	'(' ⟨*ExpAdditiv*⟩ '<=' ⟨*ExpAdditiv*⟩ ')'
	|	'(' ⟨*ExpAdditiv*⟩ '==' ⟨*ExpAdditiv*⟩ ')'
	|	'(' ⟨*ExpAdditiv*⟩ '!=' ⟨*ExpAdditiv*⟩ ')'

⟨*Else*⟩ ::= ⟨⟩
| 'ELSE' ''⟨*InstructionsList*⟩ ''

⟨*Atribution*⟩ ::= ⟨*Variable*⟩ '=' ⟨*ExpAdditiv*⟩

⟨*Instruction*⟩ ::= ⟨*Atribution*⟩ ';'
| 'READ' ⟨*Variable*⟩ ';'
| 'WRITE' ⟨*ExpAdditiv*⟩ ';'
| 'WRITE' ⟨*string*⟩ ';'
| 'IF' '(' ⟨*Exp*⟩ ')' '{' ⟨*InstructionsList*⟩ '}' ⟨*Else*⟩
| 'WHILE '(' ⟨*Exp*⟩ ')' '{' ⟨*InstructionsList*⟩ '}'
| 'DO''{' ⟨*InstructionsList*⟩ '}''WHILE '(' ⟨*Exp*⟩ ')' ';'

⟨*InstructionList*⟩ ::= ⟨*Instruction*⟩
| ⟨*InstructionList*⟩ ⟨*Instruction*⟩