IntLang grammar

Start symbol: Program

Program	::= Block
Block	::= **declare** Declarations **do** Statements **od**
Declarations	::= DeclarationList | ε
DeclarationList	::= OneDeclaration | DeclarationList OneDeclaration
OneDeclaration	::= **var Identifier ;** | **func Identifier (** IdList **)** Block **return** Expression **;**
IdList	::= **Identifier** IdListTail | ε
IdListTail	::= **, Identifier** IdListTail | ε
Statements	::= OneStatement | Statements OneStatement

OneStatement	::= Expression **;**
	  | **if** Expression **then** Statements **fi ;**
	  | **if** Expression **then** Statements **else** Statements **fi ;**
	  | **while** Expression **do** Statements **od ;**
	  | **say** Expression **;**
	  | ε

Expression	::= Primary | Expression **Operator** Primary

Primary	::= **Identifier**
	  | **Identifier (** ExpressionList **)**
	  | **Operator** Primary
	  | **IntegerLiteral**
	  | **(** Expression **)**

ExpressionList	::= Expression ExpressionListTail | ε
ExpressionListTail	::= **,** Expression ExpressionListTail | ε