

Grammar

Programm	StatementList
StatementList	((";")* Statement)*
Statement	IfStatement WhileStatement PrintStatement ReadStatement Assignment DoStatement UntilStatement Halt Break Continue
WhileStatement	"While" Expression "Do" StatementList "end"
UntilStatement	"Until" Expression "Do" StatementList "end"
DoStatement	"do" StatementList (("Until" "While") Expression)? "end"
IfStatement	"if" Expression Then StatementList ("elif" Expression "then" StatementList)* ("else" StatementList) end
PrintStatement	"print" Item ("," Item)*
ReadStatement	"read" Name ("," Name)*
Assignment	Name "++" "--" "=" Expression)
Halt	"halt"
Break	"break"
Continue	"continue"
Item	StringLiteral \ Expression
Expression	T1 (RelOperator T1)?
T0	T2 (AddOperators T2)*
T0	T3 (MulOperators T3)*
T0	Number \ StringLiteral \ Identifier
RelOperators	<\ <=\ ==\ !=\ >=\ >
AddOperators	+\ -
MulOperators	*\ /\ %\ <<\ <<<\ >>