

Syntax

Non-terminals:

Expr \rightarrow nr | Expr iop Expr | var | (E)
Cond \rightarrow bl | Expr bop Expr
Stmt \rightarrow () | Stmt ; Stmt | var = Expr
 | *if* Cond *then* Body *else* Body
 | *while* Cond *do* Body
 | continue! | break! | exit!
Body \rightarrow Stmt | { Stmt }

Terminals:

iop \rightarrow + | - | * | /
bop \rightarrow == | != | < | > | <= | >=
var \rightarrow \langle *string* \rangle
nr \rightarrow \langle *int* \rangle | \langle *float* \rangle
bl \rightarrow *true* | *false*