Gramática MiniPython

<program>	->	'class' ID ':' <field_decl>* <method_decl>*
<field_decl>	->	<assign>
<method_dcl>	->	'def' ID ('(' ID (',' ID)* ')')? ':' <block>
<block>	->	'NEWLINE' <inicioBloque> <statement>+ <finBloque>
<statement>	->	<assign>
		|<method_call>
		|'if' <expr> ':' <block> ('elif' <expr> ':' <block>)* ('else' ':' <block>)
		|'while' <expr> ':' <block>
		|'for' ID 'in' <range> ':' <block>
		|'return' <expr>
		|'break'
<assign>	->	<lvalue> '=' <expr>
<method_call>	->	ID '(' (<expr>(','<expr>)*)? ')'
		|'print' (<expr>(','<expr>)*)?
		|'read' <lvalue>
<lvalue>	->	ID
		| ID '[' <expr> ']'
<expr>	->	<lvalue>
		|<method_call>
		|<constant>
		|<expr> <op_bin> <expr>
		|'-' <expr>

		|’~’ <expr>
		| ‘(‘<expr> ‘)’
		|'[' <expr> (‘,’ <expr>)* ']'
<InicioBloque>	->	INDENT
<FinBloque>	->	DEDENT
<range>	->	<expr>…<expr>
<op_bin>	->	<arith_op>
		|<rel_op>
		|<eq_op>
		|<cond_op>
<arith_op>	->	‘+’ | ‘-‘ | ‘*’ | ‘/’ | ‘<<’ | ‘>>’ | ‘%’
<rel_op>	->	‘<’ | ‘>’ | ‘<=’ | ‘>=’
<eq_op>	->	‘==’ | ‘!=’
<cond_op>	->	‘and’ | ‘or’ | ‘not’
<constant>	->	‘NUMBER’ | ‘CHARCONSTANT’ | <bool_const>
<bool_const>	->	‘TRUE’ | ‘FALSE’

Tokens

Token	Lexema	Tipo
OP_SUM	+	Operador Aritmetico
OP_REST	-	Operador Aritmetico
OP_MULT	*	Operador Aritmetico
OP_DIV	/	Operador Artimetico
OP_SLEFT	<<	Operador a nivel de Bits
OP_SRIGTH	>>	Operador a Nivel de Bits
OP_MOD	%	Operador Aritmetico
OP_MENOR	<	Operador Relacional
OP_MAYOR	>	Operador Relacional
OP_MEIG	<=	Operador Relacional
OP_MAIG	>=	Operador Relacional
OP_COMP	==	Operador de Igualdad
OP_DIST	¡=	Operador de Igualdad
OP_AND	And	Palabra reservada
OP_OR	Or	Palabra reservada
OP_NOT	Not	Palabra reservada
LIT_NUM	Number	Literal numerica
LIT_CHCONST	Char Constante	Literal caracter
B_TRUE	True	Valor booleano
B_FALSE	False	valor booleano
KW_CLASS	Class	Palabra reservada
P_ID	ID	variable
KW_DEF	DEF	Palabra reservada
KW_IF	IF	Palabra reservada
KW_ELIF	ELIF	Palabra reservada
KW_ELSE	ELSE	Palabra reservada
KW_WHILE	WHILE	Palabra reservada
KW_FOR	FOR	Palabra reservada
KW_IN	IN	Palabra reservada
KW_RETURN	RETURN	Palabra reservada
KW_BREAK	BREAK	Palabra reservada
KW_PRINT	PRINT	Palabra reservada

KW_READ	READ	Palabra reservada
SIGN_DP	:	Signo
SIGN_C	,	Signo
SIGN_CORI	[	Signo
SIGN_CORD	]	Signo
SIGN_PARI	(	Signo
SIGN_PARD	)	Signo
SIGN_NEG	~	Operador a Nivel de Bits
DEL_TAB	/tab	Delimitador
SIGN_ASSIG	=	Operador de asignacion
SIGN_RANG	…	Operador Rango
DEL_NLINE	NEWLINE	delimitador
V_IDNT	INDENT	virtual
V_DDENT	DEDENT	virtual