ANALISADOR SINTÁTICO – GRAMÁTICA

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START	→	def if (PARAM_LIST) : indent P END
END	→	dedent | eof
PARM_LIST	→	(PARAMETERS)
PARAMETERS	→	TYPE id ADD_PARAMETER | ε
ADD_PARAMTER	→	, PARAMETERS | ε
P	→	ATTRIBUTION P | AUTO_OPERATION P | IF P | WHILE P |
		FOR P | PRINT P |FUNCITON P | ε
FUNCTION	→	id (ID_LIST)
ID_LIST	→	id ADD_ID | ε
ADD_ID	→	, id ADD_ID | ε
AUTO_OPERATION	→	++ id | -- id | id AUTO'
AUTO'	→	-- | ++
PRINT	→	print (PRINT') | print PRINT' | print PRINT'
PRINT'	→	PRINT_LIST | string | id
PRINT_LIST	→	string ADD_PRINT | id ADD_PRINT
ADD_PRINT	→	+ string ADD_PRINT | + id ADD_PRINT | ε
FOR	→	id in id (integer) indent P dedent
WHILE	→	while (CONDITION_LIST) indent P dedent
IF_STATEMENT	→	if (CONDITION_LIST) indent P dedent ELSE_ELIF
ELSE_ELIF	→	else indent P dedent | elif IF_STATMENT | ε
CONDITION_LIST	→	EXP_C ADD_CONDITION
ADD_CONDITION	→	& EXP_C | | EXP_C | ε
EXP_C	→	EXP == EXP | EXP != EXP | EXP > EXP | EXP < EXP | EXP >= EXP | EXP <= EXP
EXP	→	EXP EXP' | id | (EXP) | TYPE
EXP'	→	+ EXP | - EXP | * EXP | / EXP | ^ EXP | and EXP | or EXP
ATTRIBUTION	→	id = FUNCTION | id = EXP | id += EXP | id -= EXP | id *= EXP | id /= EXP
TYPE	→	string | integer | float