## Gramática proyecto final

PROGRAM	->	DECLARATION
DECLARATION	->	Declaraciones  FUN_DECL DECLARATION  VAR_DECL DECLARATION  STATEMENT DECLARATION  E
FUN_DECL	->	fun FUNCTION
VAR_DECL	->	var id VAR_INIT;
VAR_INIT	-> ->	= EXPRESSION &
STATEMENT	-> -> -> ->	Sentencias  EXPR_STMT  FOR_STMT  IF_STMT  PRINT_STMT  RETURN_STMT  WHILE_STMT  BLOCK
EXPR_STMT	->	EXPRESSION;
FOR_STMT	->	for ( FOR_STMT_1 FOR_STMT_2 FOR_STMT_3 ) STATEMENT
FOR_STMT_1		VAR_DECL EXPR_STMT ;
FOR_STMT_2	-> ->	EXPRESSION; ;
FOR_STMT_3	->	EXPRESSION

3 <-

IF\_STMT -> if (EXPRESSION) STATEMENT ELSE\_STATEMENT

ELSE STATEMENT -> else STATEMENT

**3** <-

PRINT\_STMT -> **print** EXPRESSION;

RETURN\_STMT -> return RETURN\_EXP\_OPC;

RETURN\_EXP\_OPC -> EXPRESSION

-> {

WHILE\_STMT -> while ( EXPRESSION ) STATEMENT

BLOCK -> { DECLARATION }

Expresiones

EXPRESSION -> ASSIGNMENT

ASSIGNMENT -> LOGIC\_OR ASSIGNMENT\_OPC

ASSIGNMENT\_OPC -> = EXPRESSION

**3** <-

LOGIC\_OR -> LOGIC\_AND LOGIC\_OR\_2

LOGIC\_OR\_2 -> **or** LOGIC\_AND LOGIC\_OR\_2

**3** <-

LOGIC AND -> EQUALITY LOGIC AND 2

LOGIC AND 2 -> and EQUALITY LOGIC AND 2

**3** <-

EQUALITY -> COMPARISON EQUALITY\_2

EQUALITY\_2 -> != COMPARISON EQUALITY\_2

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-> == COMPARISON EQUALITY_2
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3 <-

COMPARISON -> TERM COMPARISON\_2

COMPARISON 2 -> > TERM COMPARISON 2

-> >= TERM COMPARISON\_2

-> < TERM COMPARISON\_2

-> <= TERM COMPARISON\_2

**3** <-

TERM -> FACTOR TERM\_2

TERM 2 -> - FACTOR TERM 2

-> + FACTOR TERM 2

3 <-

FACTOR -> UNARY FACTOR\_2

FACTOR\_2 -> / UNARY FACTOR\_2

-> \* UNARY FACTOR\_2

3 <-

UNARY -> !UNARY

-> - UNARY

-> CALL

CALL -> PRIMARY CALL\_2

CALL\_2 -> (ARGUMENTS\_OPC) CALL\_2

-> 8

PRIMARY -> true

-> false

-> null

-> number

-> string

-> id

-> (EXPRESSION)

Otras

FUNCTION -> id ( PARAMETERS\_OPC ) BLOCK

FUNCTIONS -> FUN\_DECL FUNCTIONS

3 <-

PARAMETERS\_OPC -> PARAMETERS

3 <-

PARAMETERS -> id PARAMETERS\_2

PARAMETERS\_2 -> , id PARAMETERS\_2

**3** <-

ARGUMENTS\_OPC -> EXPRESSION ARGUMENTS

-> &

ARGUMENTS -> , EXPRESSION ARGUMENTS

-> E