

START: START2

START2: START2 BODY
| BODY

BODY: DECLARATION
| ASSIGNATION
| UPDATE
| PRINT
| SHOW
| IF
| FOR
| WHILE

ASSIGNATION: ID ASSIGN2 semicolon

ASSIGN2: equal E
| openB E closeB ASSIGN2

DECLARATION: DATATYPE DECLARATION2

DECLARATION2: OBJECTS semicolon
| tarreglo ID ARRAY semicolon

DATATYPE: tint
| tbool
| tstring
| tdouble
| tchar

OBJECTS: OBJECTS comma ID ASSIGN
| ID ASSIGN

ASSIGN: equal E
|

ARRAY: openB E closeB ARRAY2

ARRAY2: openB E closeB ARRAY
| equal ARRAYASIGN
|

ARRAYASIGN: openCB ARRAYASIGN2 closeCB

ARRAYASIGN2: ARRAYASIGN3
| ARRAYLIST

ARRAYASIGN3: ARRAYASIGN
| ARRAYASIGN3 comma ARRAYASIGN

ARRAYLIST: ARRAYLIST comma E
| E

NATIVE: integer
| character
| String
| boolean
| number

PRINT: timprimir openPar E closePar semicolon

SHOW: tshow openPar E comma E closePar semicolon

IF: tsi openPar E closePar openCB START2 closeCB ELSE

ELSE: tsino IF
| tsino openCB START2 closeCB
|

FOR: tpara openPar VARMANAGMENT E semicolon UPDATE closePar openCB START2

WHILE: trepetir openPar E closePar openCB START2 closeCB

VARMANAGMENT: DECLARATION
| ASSIGNATION

UPDATE: ESINGLE increase
| ESINGLE decrease

ESINGLE: NATIVE
| ID INDEX

INDEX: openB E closeB
|

ID: iden

E: E plus E
| E minus E
| E by E
| E slash E
| E power E
| E doubleEqual E
| E different E
| E lessThan E
| E greaterThan E
| E lessThanEqual E
| E greaterThanEqual E
| E tor E
| E tand E
| tnot E
| ESINGLE
| openPar E closePar
| minus E