*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

| caracter

| 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