Variables

Var $\longrightarrow$ ID A1

ID $\longrightarrow$ "x" | "Y" | "A" | "B"

A1 $\longrightarrow$ L R

R $\longrightarrow$ L R | D R

L $\longrightarrow$ a...z

D $\longrightarrow$ 0...9

X = int

Y = String

A = Double

B = Baleano

Ej: X num1 = 10

Función

Func $\longrightarrow$ P N1

P $\longrightarrow$ "LT"

N1 $\longrightarrow$ N2 PR

N2 $\longrightarrow$ L R

R $\longrightarrow$ L R | D R

L $\longrightarrow$ a...z

D $\longrightarrow$ 0...9

PR $\longrightarrow$ PR1 PR2

PR1 $\longrightarrow$ <>

PR2 $\longrightarrow$ DP C

DP $\longrightarrow$:

C $\longrightarrow$ Contenido

Ej: LT func1 <>:
      Print('hola')

Ciclo while

W $\longrightarrow$ P N1

P $\longrightarrow$ "RB"

N1 $\longrightarrow$ A1 A2

$A_1 \longrightarrow$ V OP

V $\longrightarrow$ L R

R $\longrightarrow$ L R | D R

L $\longrightarrow$ a...z

D $\longrightarrow$ 0...9

OP $\longrightarrow$ <= | >= | < | > | == | !=

$A_2 \longrightarrow CO_1$ PC | CO_2 | PC

$CO_1 \longrightarrow$ D MD

MD $\longrightarrow$ D MD

$CO_2 \longrightarrow$ true | false

PC $\longrightarrow$ PB C

PB $\longrightarrow$:

C $\longrightarrow$ Contenido

Condicional

C $\longrightarrow$ P N_1

P $\longrightarrow$ "RB"

$N_1 \longrightarrow A_1 A_2$

$A_1 \longrightarrow$ V OP

V $\longrightarrow$ L R

R $\longrightarrow$ L R | D R

L $\longrightarrow$ a...z

D $\longrightarrow$ 0...9

OP $\longrightarrow$ <= | >= | < | > | == | =!

$A_2 \longrightarrow CO_1$ PC | CO_2 PC

$CO_1 \longrightarrow$ D MD

MD $\longrightarrow$ D MD

$CO_2 \longrightarrow$ true | false

PC $\longrightarrow$ PB C

PB $\longrightarrow$:

C $\longrightarrow$ Contenido

funcion Main

$M \longrightarrow P\ N_1$
$P \longrightarrow$ "Start"
$N_1 \longrightarrow PB\ C$
$PB \longrightarrow :$
$C \longrightarrow$ Contenido

Ej: Start:
        Print ('hola')