

Variables

Var \rightarrow ID A₁
ID \rightarrow "x" | "Y" | "A" | "B"
A₁ \rightarrow L R
R \rightarrow L R | D R
L \rightarrow 0...2
D \rightarrow 0...9

X = int
Y = String
A = Double
B = Booleano

Ej: X num1 = 10

Función

Func \rightarrow P N₁
P \rightarrow "LT"
N₁ \rightarrow N₂ PR
N₂ \rightarrow L R
R \rightarrow L R | D R
L \rightarrow 0...2
D \rightarrow 0...9
PR \rightarrow PR₁ PR₂
PR₁ \rightarrow <>
PR₂ \rightarrow DP C
DP \rightarrow :
C \rightarrow Contenido

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

Ciclo while

W \rightarrow P N₁
P \rightarrow "R" | "B"
N₁ \rightarrow A₁ A₂

$A_1 \rightarrow V \text{ OP}$

$V \rightarrow L \text{ R}$

$R \rightarrow L \text{ R} \mid D \text{ R}$

$L \rightarrow a \dots z$

$D \rightarrow 0 \dots 9$

$\text{OP} \rightarrow < = \mid > = \mid < \mid > \mid = = \mid ! =$

$A_2 \rightarrow \text{CO}_1 \text{ PC} \mid \text{CO}_2 \mid \text{PC}$

$\text{CO}_1 \rightarrow D \text{ MD}$

$\text{MD} \rightarrow D \text{ MD}$

$\text{CO}_2 \rightarrow \text{true} \mid \text{false}$

$\text{PC} \rightarrow \text{PB} \text{ C}$

$\text{PB} \rightarrow :$

$C \rightarrow \text{Contenido}$

$E_3: \text{RT no} < 10 :$
 Print('hello')

Conditional

$C \rightarrow P \text{ N}_1$

$P \rightarrow " \text{RB} "$

$\text{N}_1 \rightarrow A_1 \text{ A}_2$

$A_1 \rightarrow V \text{ OP}$

$V \rightarrow L \text{ R}$

$R \rightarrow L \text{ R} \mid D \text{ R}$

$L \rightarrow a \dots z$

$D \rightarrow 0 \dots 9$

$\text{OP} \rightarrow < = \mid > = \mid < \mid > \mid = = \mid ! =$

$A_2 \rightarrow \text{CO}_1 \text{ PC} \mid \text{CO}_2 \text{ PC}$

$\text{CO}_1 \rightarrow D \text{ MD}$

$\text{MD} \rightarrow D \text{ MD}$

$\text{CO}_2 \rightarrow \text{true} \mid \text{false}$

$\text{PC} \rightarrow \text{PB} \text{ C}$

$\text{PB} \rightarrow :$

$C \rightarrow \text{Contenido}$

$E_3: \text{RB no do} == \text{true}$
 Print('hello')

funcion Main


M \rightarrow P N₁

P \rightarrow "Start"

N₁ \rightarrow PB C

PB \rightarrow :

C \rightarrow Contenido

Ej: Start: 

Print('hola')