

GRÁMATICA E LISTA DE TOKENS

start -> command start | start

while -> <WHILE> <AP> exp <FP> block

dowhile -> <DO> block <WHILE> <AP> exp <FP>

for -> <FOR> <AP> <VAR> <IN> exp <FP> block

if -> <IF> <AP> exp <FP> block

block -> <ACH> command <FCH>

command -> while
| dowhile
| for
| if
| lambda

assignment -> <VAR> <EQUAL> <VAR>
| <VAR> <EQUAL> exp

number -> <OP-ARIT-SIGNAL> <NUM>
| <NUM>

exp -> exp operator exp
| <AP> exp <FP>
| number
| <VAR>
| <NOT> exp

operator -> <OP-ARIT-SIGNAL>
| <OP-ARIT>
| <LOGIC-BIN-OP>
| <RELATIONAL-OP>

Lista de tokens

Token	Expressão Regular
<DO>	do
<FOR>	for
<IF>	if
<WHILE>	while
<EQUAL>	=
<AP>	(
<FP>)
<VAR>	((0 ... 9)* (a ... z A ... Z)+ (0 ... 9)*)+
<ACH>	{
<FCH>	}
<NUM>	(0 1 ... 9)* (.)? (0 1 ... 9)+
<OP-ARIT>	* /
<OP-ARIT-SIGNAL>	+ -
<RELATIONAL-OP>	> < >= <= == !=
<LOGIC-BIN-OP>	&&
<NOT>	!