Analisador Sintático

(01) Prog -> programa Declara Bloco fimprog

(02) Declara -> declare Id (, Id)\* .

(03) Bloco -> (Cmd. )+

(04) Cmd -> CmdLeitura | CmdEscrita | CmdExpr | CmdIf

(05) CmdLeitura -> leia( Id ).

(06) CmdEscrita -> escreva( Texto | Id ).

(07) CmdIf -> se ‘(‘ Expr Op\_rel Expr ‘)’ entao ‘{‘ Cmd+ ‘}’

senao ‘{‘ Cmd+ ‘}’ .

(08) CmdExpr -> Id := Expr

(09) Expr -> Expr + Termo | Expr – Termo | Termo

(10) Termo -> Termo \* Fator | Termo / Fator | Fator

(11) Fator -> Num | Id | ( Expr )

Tokens

(01) Op\_rel -> ‘<<’ | ‘>>’ | “<=” | “>=” | “!!” | “==”

(02) Texto -> “(0..9 | a..z | A..Z | ‘ ‘ | )+ ”

(03) Num -> (0..9)+

(04) Id -> (a..z | A..Z) (a..z | A..Z | 0..9)\*