SINTAXE DA LINGUAGEM MINI-TRIANGLE

(Páginas 8 e 9 de PLPJ)

```
Program ::=
      single-Command
single-Command ::=
      V-name := Expression
      | Identifier ( Expression )
      | if Expression then single-Command
       else single-Command
      | while Expression do single-Command
      | let Declaration in single-Command
      | begin Command end
Command ::=
      single-Command
      | Command ; single-Command
Expression ::=
      primary-Expression
      | Expression Operator primary-Expression
primary-Expression ::=
      Integer-Literal
      | V-name
      | Operator primary-Expression
      | ( Expression )
V-name ::=
      Identifier
Identifier ::=
      Letter
      | Identifier Letter
      | Identifier Digit
Letter ::=
      a | b | c | … | z
Digit ::=
      0 | 1 | 2 | … | 9
Integer-Literal ::=
      Digit
      | Integer-Literal Digit
Operator ::=
      + | - | * | / | < | > | =
Declaration ::=
      single-Declaration
      | Declaration ; single-Declaration
single-Declaration ::=
      const Identifier ~ Expression
      | var Identifier : Type-denoter
Type-denoter ::=
      Identifier
Comment ::=
      ! CommentLine EOL
CommentLine ::=
      Graphic CommentLine
EOL ::=
      end-of-line character
Graphic ::=
      any printable character or space
```