

## Analizador Sintáctico

### Backus–Naur Form:

- $S::= K\{+K\}$
- $K::= \{A[*]\}$
- $A::= a \mid \# \mid \backslash \mid (S)$

*Nota: a = Alfabeto en minúsculas; # = dígitos {0, 1, ..., 9}; \ = lambda*

### Algoritmo de Parsing:

**Voc = { + | \* | a | # | \ | ( | }**

**procedure** Parser()

    nextToken();

    PS();

    expect(\$);

**end**

**procedure** PS()

    PA();

**While** Token in [+] **do**

        sigToken();

        PK();

**done**

**end**

**procedure** PK()

**While** Token in [Voc] **do**

        PA();

**if** (Token = \*) **then**

            sigToken();

**fi**

**done**

**end**

**procedure** PA()

**Case** Token in

        [a]: sigToken();

        [#]: sigToken();

        [\]: sigToken();

        [(]: sigToken(); PS(); expect( ) );

**Otherwise:** error();

**Esac**

**end**