

Lexic:

a.Special symbols, representing:

- operators + - * / := < <= = >=
- separators [] { } . space ;
- reserved words:

list matrix char const do else if int read write return then var while end
hold

b.identifiers

-a sequence of letters and digits, such that the first character is a letter;
the rule is:

identifier ::= letter | letter{letter}{digit}

letter ::= "A" | "B" | . .. | "Z" | "a" | | "z"

digit ::= "0" | "1" | ... | "9"

c.constants

1.integer - rule:

int:="+no"|"no"

no:=digit{no}

2.character

character:='letter'|'digit'|'simbol'

3.string

constchar:="string"

string:=char{string}

char:=letter|digit|simbol

4. Boolean

bool:=1|0