Alphabet:

a. Upper (A-Z) and lower case letters (a-z) of the English alphabet;

c. Decimal digits(0-9);

Lexic:

a.Special symbols:

-operator: plus, minus, smaller, bigger, equal, times, modulo, divide

-separator:[], ; , space

-reserved words: loop, do, for, while, if, go, close, print

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"

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

c.Constants

1.Integer:

nconst:="+"n|"-"n|n

n:=digit{no}

2.Character:

character:='letter'|'digit'

3.String:

constchar:="string"

string:=char{string}

char:=letter|digit