The lexical units of a program are identifiers, keywords, integers, reals, operators and other

separators. Blanks, tabs and newlines (collectively, "white space") as described below are ignored except as they serve to separate tokens.Some white space is required to separate otherwise adjacent identifiers, keywords, reals and integers.

<Identifier>

is a sequence of letters or digits, the first character must be a letter last char must be a letter. Upper and lower cases are same.

<Integer>

is an unsigned decimal integer i.e., a sequence of decimal digits.

<Real>

is integer followed by “.” and Integer, e.g., 123.00

<Keywords> [11](Initially identifier, then hard checked against keyword list)

int

boolean

real

if

ifend  
else

return

put

get

while

whileend

<Operators>

-

+

\*

==

^=

>

<

=>

=<

<Other Separators>

,

(

)

{

}

$$

Comments are enclosed in [\* \*]