```
LEXEMA
                             TOKEN
                             PROGRAM
program
integer
                             INTEGER
boolean
                             BOOLEAN
string
                             STRING
real
                             REAL
                             BEGIN
begin
end
                             END
var
                             VAR
                             COLON
if
                             IF
then
                             THEN
                             ATTR
while
                             WHILE
do
                             DO
read
                             READ
print
                             PRINT
                             LBRACKET
                             RBRACKET
)
                             COMMA
                             PCOMMA
                             EQ
                             NE
!=
                             LT
<
                             LE
<=
                             GT
>
                             GΕ
>=
                             PLUS
+
                             MINUS
                             MULT
                             DIV
[A-Za-z] ([A-Za-z] | [0-9] | _ )*
                             ID
                             INTEGER CONST
[0-9] ([0-9])*
[0-9] ([0-9])*.[0-9] ([0-9])*
                             REAL_CONST
                             STRING_LITERAL
"[a-zA-Z0-9_,;?#]"
                             TRUE
true
false
                             FALSE
```