```
Lexic.txt
```

vorbe := vorba {vorbe}

```
Alphabet:
-Upper and lower case letters of the English alphabet
-decimal digits 0-9
-special symbols:
  operators: + - * / != < <= = > >=
  separators : - space \n tab
  reserved words: fnct daca nuECazu exista iaCateUna sight raspuns vorbe numar vorba
-identifiers:
  a sequence or at least one letter, such that the first character is a letters
  letter ::="A"|"B"| ... |"Z" |"a" | "b" |...|"z"
  identifier ::= letter | {letter}
-constants
  integer:
    constnumar := "numar"
    nonzerodigit := "1" | ... | "9"
    numar := nonzerodigit["0"|nonzerodigit]
  character
    constchar := "vorbe"
    vorba := letter | digit
  string
```

## token.in

Keywords

fnct

daca

exista

nuECazu

iaCateUna			
sight			
raspuns			
vorbe			
vorba			
numar			
citeste			
Operators			
+			
-			
=			
*			
/			
<			
>			
<=			
>=			
!=			
Separators			
:			
-			

## Syntax.in

```
Syntactical rules:
```

```
relation ::= "<" | "<=" | "=" | "!=" | ">=" | ">" | "si" | "sau"
term ::= identifier
expression ::= term "+" | "-" | "*" | "/" term
condition ::= expression RELATION expression
whilestmt ::= "catTimp" condition ":" "fa" stmt
ifstmt ::= "daca" condition ":" "nuECazu" stmt ["nuECazu" stmt]
structstmt ::= cmpdstmt | ifstmt | whilestmt
iostmt ::= "citeste" | "sight" "(" IDENTIFIER ")"
forstm ::= "iaCateUna" array ":"
stmt ::= ifstmt | whilestmt | forstm | iostmt | assignstmt
assignstmt ::= identifier "=" expression
stmtlist ::= stmt "\n" | stmt "\n" stmtlist
type1 ::= "numar" | "vorbe" | "vorba"
array ::= identifier "[]"
arraydecl ::= type1 identifier "[]"
declaration ::= type1 identifier
function ::= "fnct - " nume ":" identifierList "\n" stmtlist | stmt
program ::= function | declaration
```