

Compiler Construction Project

BCH version

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Lex

It divides the strings such as 'main', 'int', 'string', and a sign such as '(', '{', '+' into tokens.

It distinguishes block comments by recognizing "/*", and line comments by recognizing "//".

```
id      [a - zA - Z_][0 - 9a - zA - Z_] *
integerliteral  [0 - 9] +
stringliteral   \"x(0-9A-F)(0-9A-F)(0-9A-F)(0-9A-F)(0-9A-F)(0-9A-F)\"
linecomment     "//".*
blockcommentopen  ( "/*" )
```

id	recognize variables in characters
integerliteral	recognize integers
stringliteral	recognize strings
linecomment	recognize line comment
blockcommentopen	recognize block comment open

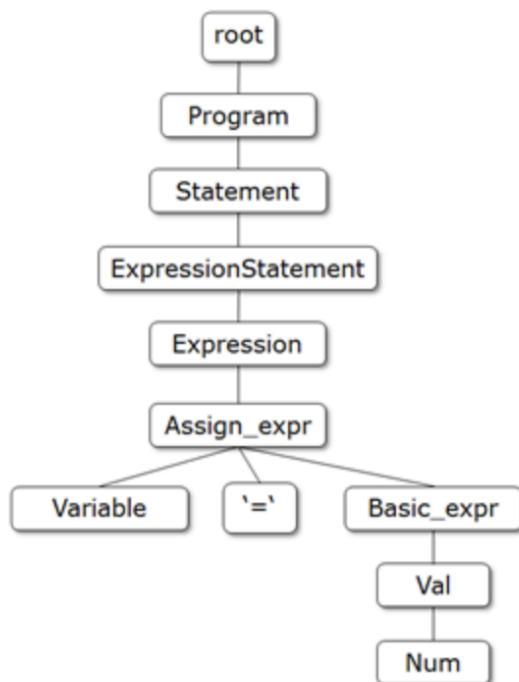
YACC

Create a token of the value recognized and returned by Lex with %token.

Example)

When compiler recognize variable:

(ex. *a=1;*)



(ex. *if(a<5)*)

