# Lexemes table

|  |  |
| --- | --- |
| Lexeme | Example |
| name | \_mainBlaBla213 |
| string | “125 blalba #$###$%#$” … |
| uint | 1256 … |
| int | -256 … |
| float | 123.25 … |
| specialSymbols | , { } ; |
| operators | + - \* / ! % ^ & -> . ( ) |
| cmpOperators | == => =< < > != |
| comments | #sagas5ga5sg5as# |
| skip | /r /n /t /s |

# Finite machine

Start

stringStart

“

stringLetters

97-122, 65-90, 48-57, 95

stringEnd

“

nameLetters

97-122, 65-90, 95

97-122, 65-90, 48-57, 95

nameLetters2

out

out

uint

out

sing

out

48-57

-

int

48-57

specialSymbols

out

, { } ;

operators

out

+ - \* / ! % ^ & . ( ) =

cmpOperatorsStart

out

=

comStart

#

comBody

comEnd

out

#

0-255

end

\n \r \t \s

cmpOperators2

< >

< > !

cmpOperatorsEnd

out