

Token Name	Description	Symbol
addOp	Addition and subtraction binary operators.	+, -
assignOp	Assignment operators.	=, +=, -=, *=, /=
char	Character literal.	'X', 'o', '\', '\', '\'
comma	Comma.	,
comparator	Comparison operator.	<, >, >=, <=, ==, !=
floatLiteral	Floating point value.	3.1459, 314159E-5
incrOp	Increment or decrement operator.	++, --
identifier	Identifier	main, printf, _x, myFunc
intLiteral	Integer value	0, 212, 215u, 30ul
leftBrace	Left brace.	{
logicalNot	Logical unary operator.	!
leftParen	Left parenthesis.	(
multOp	Multiplication and division operators.	*, /
rightBrace	Right brace.	}
rightParen	Right parenthesis.)
semicolon	Semicolon.	;
string	String.	"Hello\tWorld\n\n", "hello, dear", "hell\o"

Regular Expressions:

addOp: (+|-)

assignOp: (+|-|*|/|)(=)

Char: ' (\ | \' | \" | letter) '

Comma: ",",

Comparator: (< | >)|(!=)|(=)

floatLiteral: digit digit* "." digit digit* letter digit*

incrOp: (+)(+)|(-)(-)

Identifier: (letter | _) digit* letter*

intLiteral: digit digit*

leftBrace: "{"

logicalNot: "!"

leftParen: "("

multOp: (* | /)

rightBrace: "}"

rightParen: ")"

Semicolon: ";"

String: " (letter* | digit* | . | , | _ | + | - | * | \ | < | > | ! | = |
/ | ' | \" | (|) | { | }) "