PRECEDENCE AND ASSOCIATIVITY OF C OPERATORS
by Ing. Juan Carlos Giraldo, Ph.D.

OPERATORS (Highest precedence at the top)	ASSOCIATIVITY (Eq precedence)	NUMBER OF OPERANDS
(exp)		HIGHEST
id lit-cnst 'char' "string"		Primary
func() array[] -> . id++ id--	left to right	Unary
! ~ ++id --id - * & sizeof (type)	right to left	Unary
* / %	left to right	Binary
+ -	left to right	Binary
<< >>	left to right	Binary
< <= > >=	left to right	Binary
== !=	left to right	Binary
&	left to right	Binary
^	left to right	Binary
|	left to right	Binary
&&	left to right	Binary
||	left to right	Binary
?:	right to left	Ternary
= += -= *= /= %= &= ^= |= <<= >>=	right to left	n-ary
,	left to right	n-ary

```
exp       := expression
id        := identifier
lit-cnst  := literal constant
char      := ASCII character
func      := function identifier
```