

# Operator Precedence and Associativity in C

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In the C programming language, operator precedence determines the order in which operations are performed in expressions. Operators with higher precedence are evaluated before those with lower precedence. If two operators have the same precedence, their associativity determines the order in which they are evaluated. Here is a table showing the operator precedence and associativity in C.

Precedence Level	Operators	Associativity
1	()	Left to Right
2	++ -- -(unary) ! ~ (type) * & sizeof	Right to Left
3	* / %	Left to Right
4	+ -	Left to Right
5	<< >>	Left to Right
6	< <= > >=	Left to Right
7	== !=	Left to Right
8	&	Left to Right
9	^	Left to Right
10		Left to Right
11	&&	Left to Right
12		Left to Right
13	?:	Right to Left
14	= += -= *= /= %= &= ^=  = <<= >>=	Right to Left
15	,	Left to Right