Operator Presedence and Associativity

Precedence	Operator	Description	Associativity
1	::	Scope resolution	Left-to-right
2	++ -- () [] . ->	Suffix/postfix increment and decrement Function call Array subscripting Element selection by reference Element selection through pointer	
3	++ -- + - ! ~ (*type*) * & sizeof new, new[] delete, delete[]	Prefix increment and decrement Unary plus and minus Logical NOT and bitwise NOT Type cast Indirection (dereference) Address-of Size-of Dynamic memory allocation Dynamic memory deallocation	Right-to-left
4	.* ->*	Pointer to member	Left-to-right
5	* / %	Multiplication, division, and remainder	
6	+ -	Addition and subtraction	
7	<< >>	Bitwise left shift and right shift	
8	< <= > >=	For relational operators < and ≤ respectively For relational operators > and ≥ respectively	
9	== !=	For relational = and ≠ respectively	
10	&	Bitwise AND	
11	^	Bitwise XOR (exclusive or)	
12	|	Bitwise OR (inclusive or)	
13	&&	Logical AND	
14	||	Logical OR	
15	?: = += -= *= /= %= <<= >>= &= ^= |=	Ternary conditional Direct assignment (provided by default for C++ classes) Assignment by sum and difference Assignment by product, quotient, and remainder Assignment by bitwise left shift and right shift Assignment by bitwise AND, XOR, and OR	Right-to-left
16	throw	Throw operator (for exceptions)	
17	,	Comma	Left-to-right