C++ operators

Assignment operators	
Operator name	Usage
Simple assignment	`a = b`
Addition assignment	`a += b`
Subtraction assignment	`a -= b`
Multiplication assignment	`a *= b`
Division assignment	`a /= b`
Modulo assignment	`a %= b`

Arithmetic operators	
Operator name	Usage
Unary plus	`+a`
Unary minus	`-a`
Addition	`a + b`
Subtraction	`a - b`
Multiplication	`a * b`
Division	`a / b`
Modulo	`a % b`

I/O operators	
Operator name	Usage
Insertion	`a << b`
Extraction	`a >> b`

Comparison operators	
Operator name	Usage
Equal to	`a == b`
Not equal to	`a != b`
Less than	`a < b`
Greater than	`a > b`
Less than or equal to	`a <= b`
Greater than or equal to	`a >= b`

Logical operators	
Operator name	Usage
and	`a and b`
or	`a or b`
not	`not a`

Member access operators	
Operator name	Usage
Subscript	`a[b]`
Indirection	`*a`
Address-of	`&a`
member of object	`a.b`
member of pointer	`a->b`