

C. Operator Associativity and Precedence

The following table lists all of the operators in the C# programming language. The operators are listed in order of precedence (highest to lowest). All operators are left-associative (performed from left to right) except for the assignment operators and the conditional operator.

Primary	<code>x.y f(x) a[x] x++ x-- new typeof checked unchecked</code>
Unary	<code>+ - ! ~ ++x --x (T)x</code>
Multiplicative	<code>* / %</code>
Additive	<code>+ -</code>
Shift	<code><< >></code>
Relational and type test testing	<code>< > <= >= is as</code>
Equality	<code>== !=</code>
Logical AND	<code>&</code>
Logical XOR	<code>^</code>
Logical OR	<code> </code>
Conditional AND	<code>&&</code>
Conditional OR	<code> </code>
Conditional	<code>?:</code>
Assignment	<code>= *= /= %= += -= <<= >>= &= ^= =</code>

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