



Operator

- Arithmetic Operators

	Operator	Example
Add	+	a+b
Subtract	-	a-b
Multiply	*	a*b
Divide	/	a/b
Remainder	%	a%b
Increment	a++	a = a + 1
Decrement	a--	a = a - 1

- Comparison Operators

	Operator	Example
Equal	==	a==b
Not Equal	!=	a!=b / a!=b
Greater than	>	a>b
Greater Than or Equal to	≥	a≥b
Less than	<	a<b
Less than or Equal to	≤	a≤b

- Assignment Operators

	Operator	Example	
Assignment	=	a = 1	
Addition Assignment	+=	a += 3	a = a + 3
Subtraction Assignment	-=	a -= 3	

	Operator	Example	
Multiplication Assignment	<code>*=</code>	<code>a *= 3</code>	
Division Assignment	<code>/=</code>	<code>a /= 3</code>	

- Logical Operators

	Operator	Example
And	<code>&&</code>	<code>a && b</code>
Or	<code> </code>	<code>a b</code>
Not	<code>!</code>	<code>!a</code>

- Bitwise Operators

	Operator	Example
And	<code>&</code>	<code>a & b</code>
Or	<code> </code>	<code>a b</code>

```
// in this case a = 2, b = 1
int a = 1;
int b = a++;

// in this case c = 2, d = 2
int c = 1;
int d = ++c;

Console.WriteLine("a = " + a);
Console.WriteLine("b = " + b);
Console.WriteLine("c = " + c);
Console.WriteLine("d = " + d);
```