

C# Operators

Operators

Operator	Description
=	Assigns variable value. (i = 10)
+	Adds a value or variable. (i + j) or (i + 3)
-	Subtracts values or variables. (i – j)
*	Multiplies values or variables. (i*j)
/	Divides values or variables. (i/j)
+=	Increments a variable. (i+=1)
-=	Decrements a variable. (i-=1)
==	Equality. Returns true if values are equal. (i==10)
!=	Inequality. Returns true if values are not equal. (I != 10)
<	Less Than (i < 5)
>	Greater Than (i > 5)
<=	Less Than or Equal to (i <= 5)
>=	Greater than equal to (i >= 5)
+	String concatenation ("Welcome to " + websiteName)
.	Call methods, constant variables etc.. arrVal.ToString()
()	Calculations, passing parameters etc... (i+10)*(i-10); multiply(i, j)
[]	Access values in arrays or collections. name[i]
!	Reversing Boolean value if (!isMatching)
&&	Logical AND if (isSingle && isMatching)
sizeof()	returns the size of a data type
typeof()	returns the type of object – string, integer etc...

