C# Assignment Operators

The C# **assignment operator** is generally suffix with arithmetic operators. The symbol of C# assignment operator is **" = "** without quotes.

Consider a simple example:

result=num1+num2;

In this example, **the equal to (=)** assignment operator assigns the value of num1 + num2 into result variable.

ASSIGNMENT OPERATORS:

Assignment Operators	Usage	Examples
= (Equal to)	result=5	Assign the value 5 for result
+= (Plus Equal to)	result+=5	Same as result=result+5
−= (Minus Equal to)	result−=5	Same as result=result−5
*= (Multiply Equal to)	result*=5	Same as result=result*5
/= (Divide Equal to)	result/=5	Same as result=result/5
%= (Modulus Equal to)	result%=5	Same as result=result%5

Sample Program

```csharp
using System;
using System.Collections.Generic;
using System.Linq;
using System.Text;

namespace assignment_operator
{
    class Program
    {
        static void Main(string[] args)
```

```csharp
        {
            int num1, num2;

            num1 = 10;
            num2 = 5;

            num1 += num2; // same as num1=num1+num2
            Console.WriteLine("Add = {0}", num1);

            num1 -= num2; // same as num1=num1-num2
            Console.WriteLine("\n\nSubtraction = {0}", num1);

            num1 *= num2; // same as num1=num1*num2
            Console.WriteLine("\n\nMultiplication={0}", num1);

            num1 %= num2; // same as num1=num1%num2
            Console.WriteLine("\n\nModulus = {0}", num1);

            Console.ReadLine();
        }
    }
}
```

Output

```
Add = 15


Subtraction = 10


Multiplication = 50


Modulus = 0
__
```