

# Passing Parameters By Value and By Ref

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/*
 * C# Programmers Pocket Consultant
 * Author: Gregory S. MacBeth
 * Email: gmacbeth@comporium.net
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 */
using System;

namespace Client.Chapter_5___Building_Your_Own_Classes
{
    public class PassingParametersByValueandByRef
    {
        static void Main(string[] args)
        {
            int MyInt = 5;

            MyIntArray = new int[10];
            ObjectCount++;
            Method2();
            Method2(1, 2);
            MyMethodRef(ref MyInt);
            Method2(new int[] { 1, 2, 3, 4 });
        }
        static private int MyInt = 5;
        static public int MyInt2 = 10;
        static public int[] MyIntArray;
        private static int ObjectCount = 0;
        static public int MyMethodRef(ref int myInt)
        {
            MyInt = MyInt + myInt;
            return MyInt;
        }
    }
}
```

```
}
static public int MyMethod(int myInt)
{
MyInt = MyInt + myInt;
return MyInt;
}
static private long MyLongMethod(ref int myInt)
{
return myInt;
}
static public void Method2(params int[] args)
{
for (int I = 0; I < args.Length; I++)
Console.WriteLine(args[I]); } } } [/csharp]
```