

A simple demonstration of the Debug class

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C# Programming Tips & Techniques
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// DebugTst.cs – A simple demonstration of the Debug class.
//
// Compile this program with the following command line:
// C:>csc /debug:full /d:DEBUG DebugTst.cs
using System;
using System.Diagnostics;
using System.IO;

namespace nsDebugTest
{
    public class DebugTst
    {
        static void Main()
        {
            // Debug.Listeners.Clear();
            //             Debug.Listeners.Add (new
            TextWriterTraceListener(Console.Out));
            // Debug.AutoFlush = true;
            Debug.WriteLine ("Debug is on");
            clsTest test = new clsTest(42);
            test.ShowValue();
        }
    }
}

class clsTest
```

```
{  
public clsTest (int num)  
{  
m_Num = num;  
}  
int m_Num;  
  
public void ShowValue()  
{  
try  
{  
DoSomething ();  
}  
catch (Exception e)  
{  
Console.WriteLine (e.StackTrace);  
}  
if (m_Num < 50) { Debug.WriteLine (m_Num + " is less than  
50"); } } void DoSomething () { Debug.WriteLine  
(Environment.StackTrace); } } } [/csharp]
```