

# 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]
```