

Demonstrates using as a statement

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/*
C# Programming Tips & Techniques
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*/
// Using.cs – Demonstrates using as a statement
//
// Compile this program with the following command line:
// C:>csc Using.cs
using System;
using System.Windows.Forms;
using System.Drawing;
using Pen = System.Drawing.Pen;
using PaintHandler = System.Windows.Forms.PaintEventHandler;

namespace nsForm
{
public class UsingForm : Form
{
public UsingForm ()
{
this.Text = "Using Statement";
this.Paint += new PaintHandler(this.OnPaint);
}
static public void Main ()
{
Application.Run(new UsingForm());
}
private Color [] clr = new Color []
{
```

```
Color.Red,  
Color.Green,  
Color.Blue  
};
```

```
private void OnPaint (object obj, PaintEventArgs e)  
{  
Rectangle client = this.ClientRectangle;  
int side = (client.Right - client.Left) / 3;  
for (int x = 0; x < 3; ++x) { using (Pen pen = new Pen(clr[x],  
(float) 2.0)) { client = Rectangle.Inflate (client, -10, -10);  
e.Graphics.DrawEllipse (pen, client); } } } } } [/csharp]
```