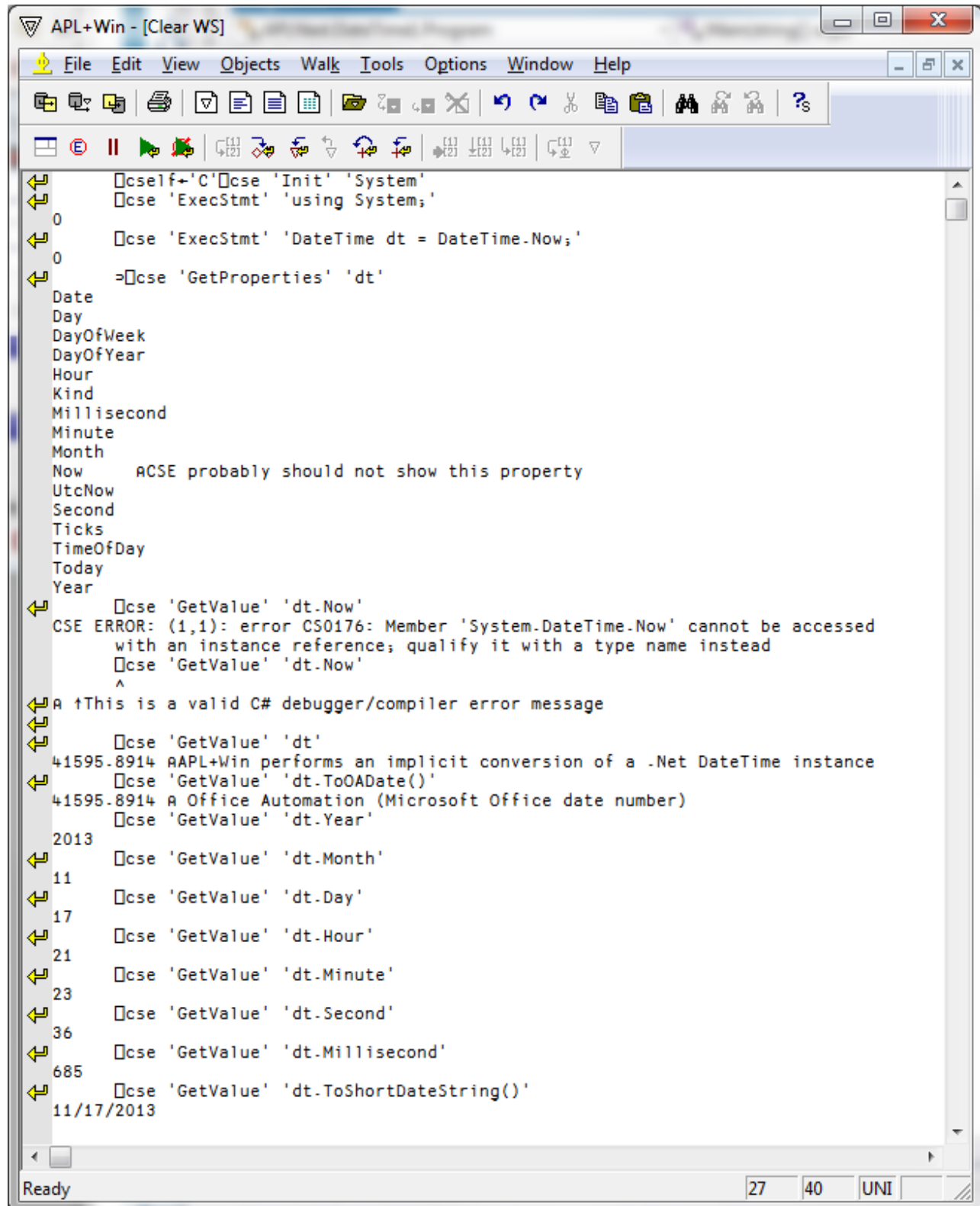


## Cannot access the Now property of the DateTime class from an instance of the DateTime class

In the CSE:

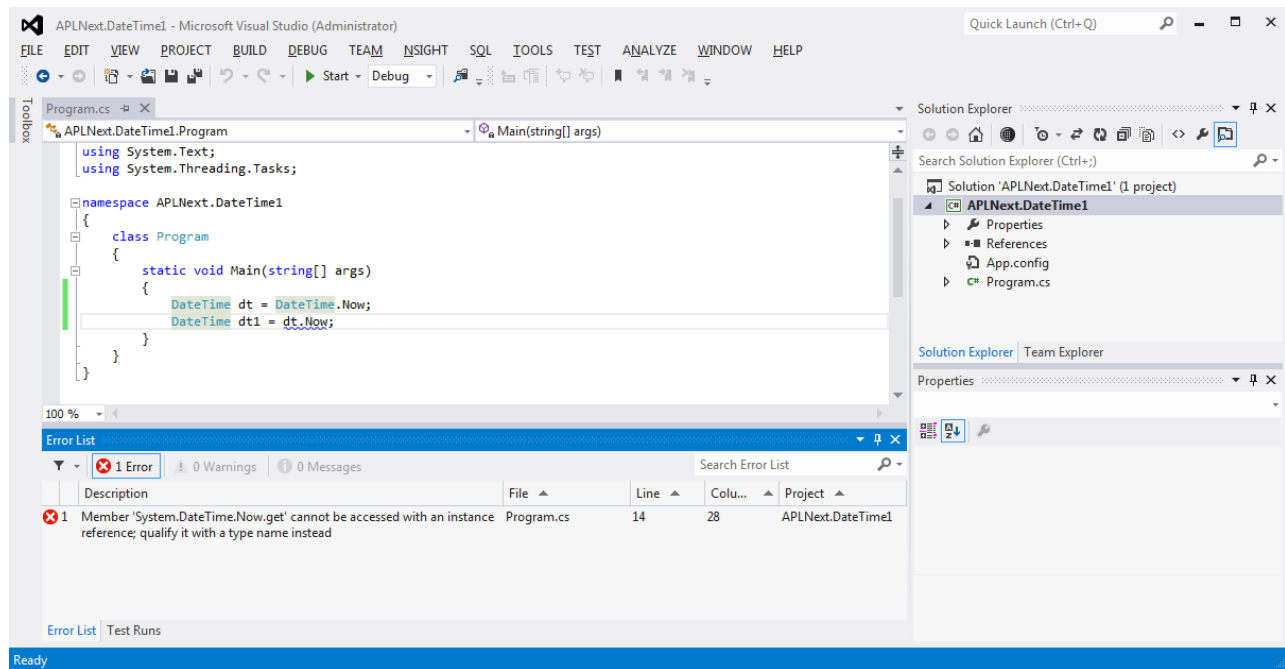


The screenshot shows the APL+Win application window. The menu bar includes File, Edit, View, Objects, Walk, Tools, Options, Window, and Help. The toolbar contains various icons for file operations, editing, and execution. The main text area displays a CSE script with the following code:

```
⎕cself←'C'⎕cse 'Init' 'System'  
⎕cse 'ExecStmt' 'using System;'  
  
⎕cse 'ExecStmt' 'DateTime dt = DateTime.Now;'  
  
→⎕cse 'GetProperties' 'dt'  
Date  
Day  
DayOfWeek  
DayOfYear  
Hour  
Kind  
Millisecond  
Minute  
Month  
Now      ACSE probably should not show this property  
UtcNow  
Second  
Ticks  
TimeOfDay  
Today  
Year  
  
⎕cse 'GetValue' 'dt.Now'  
CSE ERROR: (1,1): error CS0176: Member 'System.DateTime.Now' cannot be accessed  
with an instance reference; qualify it with a type name instead  
⎕cse 'GetValue' 'dt.Now'  
^  
  
A †This is a valid C# debugger/compiler error message  
  
⎕cse 'GetValue' 'dt'  
41595.8914 A APL+Win performs an implicit conversion of a .Net DateTime instance  
⎕cse 'GetValue' 'dt.ToOADate()'  
41595.8914 A Office Automation (Microsoft Office date number)  
⎕cse 'GetValue' 'dt.Year'  
2013  
⎕cse 'GetValue' 'dt.Month'  
11  
⎕cse 'GetValue' 'dt.Day'  
17  
⎕cse 'GetValue' 'dt.Hour'  
21  
⎕cse 'GetValue' 'dt.Minute'  
23  
⎕cse 'GetValue' 'dt.Second'  
36  
⎕cse 'GetValue' 'dt.Millisecond'  
685  
⎕cse 'GetValue' 'dt.ToShortDateString()'  
11/17/2013
```

The status bar at the bottom shows 'Ready' on the left and '27 40 UNI' on the right.

In Visual Studio 2012, the (same) C# debugger/compiler error occurs when trying to obtain the 'Now' property of an instance, 'dt', of the DateTime class:



In MSDN on the Internet ([http://msdn.microsoft.com/en-us/library/zhcxt2bd\(v=vs.90\).aspx](http://msdn.microsoft.com/en-us/library/zhcxt2bd(v=vs.90).aspx)):

The screenshot shows a web browser window displaying the MSDN website. The address bar shows the URL [http://msdn.microsoft.com/en-us/library/zhcxt2bd\(v=vs.90\).aspx](http://msdn.microsoft.com/en-us/library/zhcxt2bd(v=vs.90).aspx). The page title is "Compiler Error CS0176". The left sidebar contains a navigation menu with links to "MSDN Library", "Development Tools and Languages", "Visual Studio 2008", "Visual Studio", "Visual C#", "C# Reference", and "C# Compiler Errors and Warnings". The main content area has the heading "Compiler Error CS0176" and a subheading "Visual Studio 2008". Below this, it states: "Static member 'member' cannot be accessed with an instance reference; qualify it with a type name instead". It then provides a link to "Static Classes and Static Class Members (C# Programming Guide)". A sample code block is shown, illustrating the error. The code defines a class `MyClass2` with a static member `num`, and a class `Test` with a static method `Main` that attempts to access `mc2.num`, which causes the error. The error message is: "The following sample generates CS0176:". The code is as follows:

```
// CS0176.cs
public class MyClass2
{
    public static int num;
}

public class Test
{
    public static void Main()
    {
        MyClass2 mc2 = new MyClass2();
        int i = mc2.num; // CS0176
        // try the following line instead
        // int i = MyClass2.num;
    }
}
```

The page also includes a "Copy" button next to the code block.