

**MCAD/MCSD Developing and Implementing Web Applications with Visual Basic .NET and Visual Studio .NET Training Guide: Exam 70-305**

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*05 04 03 02      4 3 2 1*

## First and Second Printing Corrections

Pg	Error	Correction
38	Next to 1st paragraph.	<p>Add a note:</p> <p><b>Step by Step 1.1</b> In Step by Step 1.1 on the next page, if you get a script runtime error when trying to browse to the new aspx page (expected ; in line 6 char 11), you probably don't have all the pieces installed correctly. You must install IIS <i>before</i> you install Visual Studio .NET. If you get this error, you might be able to correct it by uninstalling and then reinstalling the .NET Framework. As an alternative, you might be able to fix this problem by registering the ASP.NET extensions with IIS. The ASP.NET file extensions (.aspx and .asmx) must be registered with IIS. (If IIS was installed after the .NET Framework was installed, you must run the following application: C:\WINDOWS\Microsoft.NET\Framework\v1.0.3705\aspnet_regiis.exe -i.)</p>
65	<p>Step 1 of Step by Step 1.7</p> <pre>&lt;!--StepByStep1_7.aspx --&gt;</pre>	<p>Step 1 of Step by Step 1.7</p> <pre>&lt;!-- StepByStep1_7.aspx --&gt;</pre> <p><b>**Note the added hyphen near the beginning**</b></p>

65	<p>Step 1 of Step by Step 1.7 (3<sup>rd</sup> line of code)</p> <pre>Inherits="Temperature.TemperatureCB"</pre>	<p>Step 1 of Step by Step 1.7 (3<sup>rd</sup> line of code)</p> <pre>Inherits="305C01.Temperature.TemperatureCB" %&gt;</pre>
68	<p>Step by Step 1.8, step 1</p> <pre>&lt;% Page Language="vb"   Inherits="Temperature.TemperatureCB"%&gt;</pre>	<p>Step by Step 1.8, step 1</p> <pre>&lt;% Page Language="vb"   Inherits="305C01.Temperature.TemperatureCB"%&gt;</pre>
103	<p>first paragraph</p> <pre>&lt;form runat=s"server"&gt;</pre>	<p>first paragraph</p> <pre>&lt;form runat="server"&gt;</pre>
126	<p>14<sup>th</sup> line of code</p> <pre>For i = 0 to intTimes</pre>	<p>14<sup>th</sup> line of code</p> <pre>For i = 0 to intTimes-1</pre>
167	<p>Step 7</p> <p>Set <del>StepByStep2-12</del>.aspx as the start page in the project.</p>	<p>Step 7</p> <p>Set <b>GuidedPracticeExercise2_4</b>.aspx as the start page in the project.</p>

245	<p>The last paragraph:</p> <p>The default use of the Server.Transfer() method <del>does not</del> pass the form data and the query string of the original page request to the transferred page. But, you can <del>preserve the form data and query string of the original page by passing a True value to the</del> optional second argument, preserveForm, of the Server.Transfer() method. The second argument takes a Boolean value that indicates whether to preserve form and query string collection.</p>	<p>The last paragraph:</p> <p>The default use of the Server.Transfer() method <b>passes</b> the form data and the query string of the original page request to the transferred page. But, you can <b>fine-tune this behavior if you like. There's an</b> optional second argument, preserveForm, of the Server.Transfer() method. <b>This</b> second argument takes a Boolean value that indicates whether to preserve form and query string collections. <b>If you supply this value, it defaults to false, but if you don't supply the argument at all, it defaults to true.</b></p>
248	<p>Step 6:</p> <p>Switch to the HTML view of <del>StepByStep3_11a.aspx</del> file and modify the @Page directive to add the EnableViewStateMac="false" attribute:</p>	<p>Step 6:</p> <p>Switch to the HTML view of <b>StepByStep3_13a.aspx</b> file and modify the @Page directive to add the EnableViewStateMac="false" attribute:</p>
260	<p>First set of answers at top of page are numbered incorrectly--A, B, C, E</p>	<p>Change the answer numbered E to D.</p>
262	<p><b>Answer 14:</b> The correct answer is D (the explanation is correct as printed).</p>	

270	<p>next to last paragraph</p> <p>You'll get a compiler error if you do not follow this rule.</p>	<p>You <b>may get unexpected</b> results if you do not follow this rule.</p>
282	<p>The vbCrLf constant won't put a new line into a string rendered by a browser. Replace the Catch block with this code:</p> <pre> Catch dte As MyOwnInvalidDateFormatException     Dim msg As String     ' If some other exception was also     ' attached with this exception     If Not dte.InnerException Is Nothing Then         msg = String.Format("Message:" &amp; _             "&lt;br/&gt;{0}" &amp; _             "&lt;br/&gt;&lt;br/&gt;" &amp; _             "Inner Exception:&lt;br/&gt;{1}", _             dte.Message, dte.InnerException.Message)     Else         msg = String.Format("Message:" &amp; _             "&lt;br/&gt;{0}" &amp; _             "&lt;br/&gt;&lt;br/&gt;Help Link:" &amp; _             "&lt;br/&gt;{1}", _             dte.Message, dte.HelpLink)     End If     lblResult.Text = dte.GetType().ToString() + "&lt;br&gt;" End Try </pre>	
283	<p>Step 2</p>	<p>Step 2, add to the end of the step:</p> <p>Name the Label control to hold the results lblResults.</p>

284	<p>Step 3 at end of code after the line</p> <p>End Class</p>	<p>Add this code:</p> <pre>End Class  'Constructor accepting a single string message Public Sub New(ByVal message As String)     MyBase.New(message) End Sub</pre>
296	<p>Step 3--Add a Warning</p>	<p><b>ASP.NET Registry Privileges</b> By default, ASP.NET does not have the required privileges to create an event log. To make this code work, open the machine.config file on your server and change the userName attribute of the processModel element from machine to SYSTEM. You should not make this change on a production server because it lowers the security of ASP.NET.</p>
302	<p>question 2:</p> <p>You are assisting your colleague in solving the <del>compiler error that his code is throwing</del>. The problematic portion of his code is</p>	<p>You are assisting your colleague in solving <b>a logical problem with his code. Sometimes exceptions in his application are not properly handled</b>. The problematic portion of his code is</p>
302	<p>question 2, text just before the answers</p> <p><del>To remove the compilation error,</del> which of the following ways would you modify the code?</p>	<p><b>To make the code function properly,</b> which of the following ways would you modify the code?</p>

306	answer to review question 5 <del>otherwise a compile time error occurs</del>	delete phrase from the very end of the answer
339	1. StepByStep5-11.aspx should be StepByStep5-12.aspx.	
351	last sentence on the page: One way to do this is by basing a SqlDataAdapter object on a view <del>The</del> instead of a table.	One way to do this is by basing a SqlDataAdapter object on a view instead of a table.
357	Step 6:  In the Generate Dataset window, choose to <del>use</del> the existing dsOrders Dataset. Click OK.	In the Generate Dataset window, choose to <b>create a new</b> dsOrders Dataset. Click OK.
357	7. SqlDataAdapter1 should be SqlDataAdapter2.	
364	7. Repeater should be DataList.	
370	first line of code on page:  ' Get the changed data and put it in the dataase	' Get the changed data and put it in the datab <b>a</b> se

482	<p>Last paragraph, 1st sentence</p> <p>The Rows collection of the DataTable object supports a <b>Remove</b> method that deletes an entire DataRow from the DataTable.</p>	<p>Last paragraph, 1st sentence</p> <p>The Rows collection of the DataTable object supports a <b>Delete</b> method that deletes an entire DataRow from the DataTable.</p>
484	<p>Code at top of page, 5th line</p> <pre>' Find the specified row and delete it Dim dr As DataRow For Each dr In ds.Tables("Customers").Rows     If dr(0) = txtCustomerID.Text Then         ds.Tables("Customers").Rows.Remove(dr)     End If Next ' Save the changes da.Update(ds, "Customers") lblResults.Text = "Row deleted!" End Sub</pre>	<p>Code at top of page, 5th line</p> <pre>' Find the specified row and delete it Dim dr As DataRow Dim i As Integer For i = 0 To ds.Tables("Customers").Rows.Count - 1     dr = ds.Tables("Customers").Rows(i)     If dr(0) = strCustomerID Then         ds.Tables("Customers").Rows(i).Delete()     End If Next ' Save the changes da.Update(ds, "Customers") lblResults.Text = "Row deleted!" End Sub</pre>

488	<p>The section of code starting with line 5:</p> <pre> Private Sub dgCustomers_DeleteCommand( _     ByVal source As Object, _     ByVal e As System.Web.UI.WebControls. _     DataGridCommandEventArgs) _     Handles dgCustomers.DeleteCommand     ' Find the specified row and delete it     Dim strCustomerID As String = _         dgCustomers.DataKeys(e.Item.ItemIndex)     Dim dr As DataRow     <del>For Each dr In mds.Tables("Customers").Rows</del>     <del>If dr(0) = strCustomerID Then</del>     <del>mds.Tables("Customers").Rows.Remove(dr)</del>         Exit For     End If     Next     ' Update the database     mda.Update(mds, "Customers")     ' And bind the data to the UI     LoadData() End Sub </pre>	<p>The section of code starting with line 5 should be</p> <pre> Private Sub dgCustomers_DeleteCommand( _     ByVal source As Object, _     ByVal e As System.Web.UI.WebControls. _     DataGridCommandEventArgs) _     Handles dgCustomers.DeleteCommand     ' Find the specified row and delete it     Dim strCustomerID As String = _         dgCustomers.DataKeys(e.Item.ItemIndex)     Dim dr As DataRow     Dim i As Integer     For i = 0 To mds.Tables("Customers").Rows.Count - 1         dr = mds.Tables("Customers").Rows(i)         If dr(0) = strCustomerID Then             mds.Tables("Customers").Rows(i).Delete()         End If     Next     ' Update the database     mda.Update(mds, "Customers")     ' And bind the data to the UI     LoadData() End Sub </pre>
523	6. The correct answer is <b>C</b> , not <b>B</b> (the explanation is correct as it stands).	
529	<p>Step by Step 7.1, 3.</p> <p>Select Add, Add New Component</p>	<p>Select Add, Add Component</p>

535	<p>Step by Step 7.3, 3. Replace the line of code</p> <pre>Value = mMinValue</pre>	<p>With:</p> <pre>mMinValue = Value</pre>
549	<p>Step by Step 7.10, step 2, lines 3-5</p> <pre>&lt;DefaultProperty("Text"), _   ToolboxData("&lt;{0}:WebCustomControl1 =   runat=server"&gt; " &amp; _</pre>	<pre>&lt;DefaultProperty("Text"), _   ToolboxData("&lt;{0}:WebCustomControl1 " &amp; _   "runat=server"&gt; " &amp; _</pre>
553	<p>add a new step 4</p> <p>Renumber the existing steps 4 through 9 to be steps 5 through 10.</p>	<p><b>4. Open the CompositeControl.vb class and add an attribute to the class definition to tell it which designer is associated with this class:</b></p> <pre>&lt;Designer("WebCustomControls.CompositeControlDesigner"), _   ToolboxData("&lt;{0}:CompositeControl   runat=server&gt;&lt;/{0}:CompositeControl"&gt; " &amp; _   Public Class CompositeControl</pre>
575	<p><b>Question 8, 1st sentence</b></p> <p>You have created a Web custom control named <b>menu.aspx</b> that encapsulates the standard navigation menu to be used on your company's Web sites.</p>	<p>Question 8, 1st sentence</p> <p>You have created a Web custom control named <b>menu.vb</b> that encapsulates the standard navigation menu to be used on your company's Web sites.</p>

595	3. Strings.aspx should be Customer.aspx	
599	3. CensusService.wsdl should be AirportWeather.wsdl.	
647	<p><b>Question 11, answer D should read</b></p> <p>Retrieve a DateTime object from Thread.CurrentThread.CurrentCulture, and use its methods to format the dates.</p>	
711	<p><b>Question 3, answer D</b></p> <p>&lt;TD"&gt;Oxygen&lt;/TD&gt;</p> <p>should be</p> <p>&lt;TD&gt;Oxygen&lt;/TD&gt;</p>	
738	<p><b>3. Code should be</b></p> <pre>Imports System.Diagnostics Imports DiagnosticTrace = System.Diagnostics.Trace</pre>	
745	<p><b>Table 12.4, second column, third entry</b></p> <p>Specifies the trace level that helps in selecting which trace and debug messages will be processed. Its value is one of the TraceLevel enumeration values (<del>refer Table 12.2</del>).</p>	<p>Table 12.4, second column, third entry</p> <p>Specifies the trace level that helps in selecting which trace and debug messages will be processed. Its value is one of the TraceLevel enumeration values (<b>refer to Table 12.3</b>).</p>

747	<p><b>6. Last sentence should read</b></p> <p>"...process discussed in step 5."</p>	
773	<p><b>6. Last sentence should read</b></p> <p>"...DataSet11 and the DataMember property to Ten Most Expensive Products."</p>	
777	<p><b>Question 8, answers A, B, C, and D</b></p> <p>The first line of code in each answer should be</p> <pre>Dim ts As TraceSwitch = New TraceSwitch( _</pre>	
777	<p><b>Question 8, answers B and C</b></p> <pre>#else</pre> <p>should be</p> <pre>#Else</pre>	
831	<p>last paragraph:</p> <p>Assemblyinfo.es</p>	AssemblyInfo.vb
831	<p>code at bottom:</p> <pre>{Assembly: AssemblyDelaysign(True)&gt;</pre>	Assembly: AssemblyDelaysign(True)>

842	step 4: EventLogApplication.es	EventLogApplication. <b>vb</b>
843	step 7, Add the following to the end of the step	<b>You may have to Refresh to see the new EventLogApplication entry.</b>
872	outline: Working with Performance Monitors	Working with Performance <b>Counters</b>
880	step 5, first procedure in this step should read:	<pre>Private Sub PopulateLogNames()     ddlEventLogs.Items.Clear()     ' Add event logs to the DropDownList     Dim e1 As EventLog     For Each e1 In EventLog.GetEventLogs()         ddlEventLogs.Items.Add(e1.Log)     Next End Sub</pre>
897	last line on the page: for connecting to Oracle database	for connecting to <b>an</b> Oracle database
935	Second code snippet--after third paragraph  <identity impersonate="true" <b>name</b> ="DOMAIN\username" password="password" />	Second code snippet--after third paragraph  <identity impersonate="true" <b>userName</b> ="DOMAIN\username" password="password" />

957	<p>Question 8, three-line code snippet</p> <pre>&lt;identity impersonate="true" name="MAIN\Charles" password="CharlesPassword" /&gt;</pre>	<p>Question 8, three-line code snippet</p> <pre>&lt;identity impersonate="true" userName="MAIN\Charles" password="CharlesPassword" /&gt;</pre>
1023	<p>Full paragraph right above the heading "How to Become a Microsoft Certified Solution Developer"</p> <p>You may also count as elective one of the four core exams 70-305, 70-306, 70-315, and 70-316. <del>The one you can count as an elective is the exam from the opposite technology and language as the exam that you counted for core.</del> For example, if you take the VB Windows-based Applications exam (70-306) as a core exam, you can take <del>the C# Web Applications exam (70-315) as an elective.</del></p>	<p>You may also count as elective one of the four core exams 70-305, 70-306, 70-315, and 70-316. <b>The elective exam must be from the opposite technology as the exam that you counted as core.</b> For example, if you take the VB Windows-based Applications exam (70-306) as a core exam, you can take <b>either the VB Web Applications exam (70-305) or the C# Web Applications exam (70-315) as an elective.</b></p>

This errata sheet is intended to provide updated technical information. Spelling and grammar misprints are updated during the reprint process, but are not listed on this errata sheet.