



**70-562**

(TS: Microsoft .NET Framework 3.5, ASP.NET Application Development)

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## Question: 1

You are an application developer and you have about two years experience in developing Web-based applications by using Microsoft ASP.NET. Now you are employed in a company named Wiikigo. You use the Microsoft .NET Framework version 3.5 to create a Microsoft ASP.NET Web application. The application must redirect the original URL to a different ASPX page. You must make sure that after the page is executed, the users cannot view the original URL. Besides this, you must make sure that only one request from the client browser is required by each page execution requires. So what action should you perform to achieve the two goals?

- A. You should transfer execution to the correct ASPX page by using the HttpContext.Current.RewritePath method.
- B. Add the Location: new URL value to the Response.Headers collection. Call the Response.End() statement. Send the header to the client computer to transfer execution to the correct ASPX page.
- C. You should transfer execution to the correct ASPX page by using the Server.Transfer method.
- D. You should transfer execution to the correct ASPX page by using the Response.Redirect method.

Answer: A

## Question: 2

You are an application developer and you have about two years experience in developing Web-based applications by using Microsoft ASP.NET. Now you are employed in a company named Wiikigo. You use the Microsoft .NET Framework version 3.5 to create a Microsoft ASP.NET Web application. A Web page is created. The Web page contains the following two XML fragments. (Line numbers are used for reference only.)

```
1 <script runat="server">2 3 </script> 4 <asp:ListView ID="ListView1" runat="server" 5
DataSourceID="SqlDataSource1" 6 7 > 8 <ItemTemplate> 9 <td> 10 <asp:Label
ID="WireAmountLabel" runat="server" 11 Text='<%# Eval("WireAmount") %>' /> 12 </td>
13 </ItemTemplate>
```

From a Microsoft SQL Server 2005 database table which has a column named WireAmount , the SqlDataSource1 object retrieves the data. Now you receive an order from your company CIO, according to his requirement, the column must be displayed in red color when the size of the WireAmount column value is greater than seven characters. The CIO assigns this task to you that you must make sure of this. So what action should you perform?

- A. Insert the following code segment at line 06. OnDataBound="FmtClr" Insert the following code segment at line 02. `protected void FmtClr(object sender, EventArgs e){ Label WireAmount`

```
= new Label(); WireAmount.ID = "WireAmountLabel"; if ( WireAmount.Text.Length > 7)
{WireAmount.ForeColor = Color.Red; } else {WireAmount.ForeColor = Color.Black; }
```

B. Insert the following code segment at line 06. OnItemDataBound="FmtClr" Insert the following code segment at line 02. protected void FmtClr(object sender, ListViewItemEventArgs e){

```
Label WireAmount = (Label) e.Item.FindControl("WireAmountLabel"); if (
WireAmount.Text.Length > 7) { WireAmount.ForeColor = Color.Red; } else
{WireAmount.ForeColor = Color.Black; }
```

C. Insert the following code segment at line 06. OnItemDataBound="FmtClr" Insert the following code segment at line 02. protected void FmtClr(object sender, ListViewItemEventArgs e){ Label WireAmount = (Label) e.Item.FindControl("WireAmount"); if ( WireAmount.Text.Length > 7) {WireAmount.ForeColor = Color.Red; } else {WireAmount.ForeColor = Color.Black; } }

D. Insert the following code segment at line 06. OnDataBinding="FmtClr" Insert the following code segment at line 02. protected void FmtClr(object sender, EventArgs e){ Label WireAmount = new Label(); WireAmount.ID = "WireAmount"; if ( WireAmount.Text.Length > 7) {WireAmount.ForeColor = Color.Red; } else { WireAmount.ForeColor = Color.Black; } }

Answer: B

Question: 3

You are an application developer and you have about two years experience in developing Web-based applications by using Microsoft ASP.NET. Now you are employed in a company named Wiikigo. You use the Microsoft .NET Framework version 3.5 to create a Microsoft ASP.NET Web application. Two user controls are created by you. They are respectively named UCtrlA.ascx and UCtrlB.ascx. The user controls postback to the server. You create a new Web page that has the following ASPX code. You create a new Web page that has the following ASPX code.

```
<asp:CheckBox ID="Chk" runat="server"oncheckedchanged="Chk_CheckedChanged"
AutoPostBack="true" /> <asp:PlaceHolder ID="PIHolder"
runat="server"></asp:PlaceHolder> You write the following code segment for the Web
page for dynamically creating the user controls. public void LoadControls() { if
(ViewState["CtrlA"] != null) { Control c; if ((bool)ViewState["CtrlA"] == true) { c =
LoadControl("UCtrlA.ascx"); } else { c = LoadControl("UCtrlB.ascx"); } c.ID = "Ctrl";
PIHolder.Controls.Add(c); } } protected void Chk_CheckedChanged(object sender,
EventArgs e){ ViewState["CtrlA"] = Chk.Checked; PIHolder.Controls.Clear();
LoadControls(); }
```

According to the requirement of the company CIO, the user control that is displayed must be recreated during postback and retains its state. You have been assigned this task to make sure of this. Which method should be added to the Web page?

- A. protected override void OnLoadComplete(EventArgs e){ base.OnLoadComplete(e); LoadControls();}
- B. protected override object SaveViewState(){ LoadControls(); return base.SaveViewState();}

- C. protected override void LoadViewState(object savedState){ base.LoadViewState(savedState); LoadControls();}
- D. protected override void Render(HtmlTextWriter writer){ LoadControls(); base.Render(writer);}

Answer: C

## Question: 4

You are an application developer and you have about two years experience in developing Web-based applications by using Microsoft ASP.NET. Now you are employed in a company named Wiikigo. You use the Microsoft .NET Framework version 3.5 to create a Microsoft ASP.NET Web application. You write the code fragment below. (Line numbers are used for reference only.)

```
1 <asp:RequiredFieldValidator 2 ID="rfValidator1" runat="server" 3 Display="Dynamic"
ControlToValidate="TextBox1" 4 5 > 6 7 </asp:RequiredFieldValidator> 8 9
<asp:ValidationSummary DisplayMode="List" 10 ID="ValidationSummary1"
runat="server" />
```

Now you receive an e-mail from your company CIO, according to his requirement, the error message must also be displayed in the validation summary list if it is displayed in the validation control. The company CIO assigns this task to you. So what should you do to make sure of this?

- A. The following code segment should be added to line 04. ErrorMessage="Required text in TextBox1"
- B. The following code segment should be added to line 06. Required text in TextBox1
- C. The following code segment should be added to line 04. Text="Required text in TextBox1" ErrorMessage="ValidationSummary1"
- D. The following code segment should be added to line 04. Text="Required text in TextBox1"

Answer: A

## Question: 5

You are an application developer and you have about two years experience in developing Web-based applications by using Microsoft ASP.NET. Now you are employed in a company named Wiikigo. You use the Microsoft .NET Framework version 3.5 to create a Microsoft ASP.NET Web application. You write the code fragment below.

```
<asp:ListBox SelectionMode="Multiple" ID="ListBox1" runat="server">
</asp:ListBox><asp:ListBox ID="ListBox2" runat="server"> </asp:ListBox><asp:Button
ID="Button1" runat="server"Text="Button" onclick="Button1_Click" />
```

You must make sure that when you click the Button1 control, a selected list of items move from the ListBox1 control to the ListBox2 control when you click the Button1 control. Of

**the following code segments, which one should be used?**

- A. `foreach (ListItem li in ListBox1.Items) { if (li.Selected) { li.Selected = false; ListBox2.Items.Add(li); ListBox1.Items.Remove(li); }}`
- B. `foreach (ListItem li in ListBox1.Items) { if (li.Selected) { ListBox2.Items.Add(li); ListBox1.Items.Remove(li); }}`
- C. `foreach (ListItem li in ListBox1.Items) { if (li.Selected) { li.Selected = false; ListBox2.Items.Add(li); }}foreach (ListItem li in ListBox1.Items) { if (ListBox2.Items.Contains(li)) ListBox1.Items.Remove(li);}`
- D. `foreach (ListItem li in ListBox1.Items) { if (li.Selected) { li.Selected = false; ListBox2.Items.Add(li); }}foreach (ListItem li in ListBox2.Items) { if (ListBox1.Items.Contains(li)) ListBox1.Items.Remove(li);}`

Answer: D

Question: 6

**You are an application developer and you have about two years experience in developing Web-based applications by using Microsoft ASP.NET. Now you are employed in a company named Wiikigo. You use the Microsoft .NET Framework version 3.5 to create a Microsoft ASP.NET Web application. You create a file named movies.xml that contains the following code fragment.**

```
<Movies> <Movie ID="1" Name="Movie1" Year="2006"> <Desc Value="Movie desc"/>
</Movie> <Movie ID="2" Name="Movie2" Year="2007"> <Desc Value="Movie desc"/>
</Movie> <Movie ID="3" Name="Movie3" Year="2008"> <Desc Value="Movie desc"/>
</Movie> </Movies>
```

**A Web form is added to the application. You write the following code segment in the Web form. (Line numbers are used for reference only.)**

```
1 <form runat="server">2 <asp:xmlDataSource 3 id="XmlDataSource1" 4 runat="server" 5
datafile="movies.xml" /> 6 7 </form>
```

**According to the requirement of the company, you have to implement the XmlDataSource control to display the XML data in a TreeView control. At line 6, which code segment should be inserted?**

- A. `<asp:TreeView ID="TreeView1" runat="server" DataSourceID="MovDataSource1">
<DataBindings> <asp:TreeNodeBinding DataMember="Movie" Text="Name" />
</DataBindings></asp:TreeView>`
- B. `<asp:TreeView ID="TreeView1" runat="server" DataSourceID="MovDataSource1">
<DataBindings> <asp:TreeNodeBinding DataMember="Movies" Text="Desc" />
</DataBindings></asp:TreeView>`
- C. `<asp:TreeView ID="TreeView1" runat="server" DataSourceID="XmlDataSource1">
<DataBindings> <asp:TreeNodeBinding DataMember="Movie" Text="Name" />
</DataBindings></asp:TreeView>`

```
D. <asp:TreeView ID="TreeView1" runat="server" DataSourceID="XmlDataSource1">
<DataBindings> <asp:TreeNodeBinding DataMember="Movies" Text="Desc" />
</DataBindings></asp:TreeView>
```

Answer: C

Question: 7

You are an application developer and you have about two years experience in developing Web-based applications by using Microsoft ASP.NET. Now you are employed in a company named Wikigo. You use the Microsoft .NET Framework version 3.5 to create a Microsoft ASP.NET Web application. Look at the code fragment below.

```
<asp:ScriptManager ID="ScriptManager1" runat="server" /> <asp:TextBox runat="server"
ID="txtUser" Width="200px" /> <asp:TextBox runat="server" ID="txtPassword"
Width="200px" /> <asp:Button runat="server" ID="btnLogin"
Text="Login"OnClick="login(); return false;" />
```

You use the above code fragment to create a login Web form. The login() client-side script is called to authenticate the user when a user clicks the btnLogin Button control. The credentials provided in the TextBox controls are used to call the client-side script. Look at the following code fragment:

```
01 <script type="text/javascript"> 02 function login() { 03 var username =
$get('txtUser').value; 04 var password = $get('txtPassword').value; 05 06 // authentication
logic. 07 } 08 function onLoginCompleted(validCredentials, userContext, 09 methodName)
10 { 11 // notify user on authentication result. 12 } 13 14 function onLoginFailed(error,
userContext, methodName)15 { 16 // notify user on authentication exception. 17 } 18
</script>
```

The above client-script code fragment is also added in the Web form by you. You configure the ASP.NET application to use Forms Authentication. The ASP.NET AJAX authentication service is activated in the Web.config file. You must make sure that you can achieve this following two requirements: If authentication succeeds, the onLoginCompleted client-script function is called to notify the user; If authentication fails, the onLoginFailed client-script function is called to display an error message. At line6, which code segment should be inserted?

- A. var auth = Sys.Services.AuthenticationService;auth.set\_defaultLoginCompletedCallback(onLoginCompleted);try { auth.login(username, password, false, null, null, null, null, null); }catch (err) { onLoginFailed(err, null, null);}
- B. var auth = Sys.Services.AuthenticationService; auth.login(username, password, false, null, null,onLoginCompleted, onLoginFailed, null);
- C. var auth = Sys.Services.AuthenticationService;try { var validCredentials = auth.login(username, password, false, null, null, null, null, null); if (validCredentials)

```
onLoginCompleted(true, null, null); else onLoginCompleted(false, null, null);}catch (err) {
onLoginFailed(err, null, null);}
D. var auth = Sys.Services.AuthenticationService;
auth.set_defaultFailedCallback(onLoginFailed);var
validCredentials = auth.login(username, password, false, null, null, null, null, null);if
(validCredentials)onLoginCompleted(true, null, null);elseonLoginCompleted(false, null, null);
```

Answer: B

Question: 8

You are an application developer and you have about two years experience in developing Web-based applications by using Microsoft ASP.NET. Now you are employed in a company named Wiikigo. You use the Microsoft .NET Framework version 3.5 to create a Microsoft ASP.NET Web application. You intend to add a custom parameter in the SqlDataSource control. You write the following code fragment.

```
<asp:SqlDataSource ID="SqlDataSource1" runat="server" InsertCommand="INSERT INTO
[Employee] ([Field1], [Field2], [PostedDate]) VALUES (@Field1, @Field2,
@PostedDate)"><InsertParameters> <asp:Parameter Name="Field1" /> <asp:Parameter
Name="Field2" /> <custom:DayParameter Name="PostedDate" />
</InsertParameters></asp:SqlDataSource>
```

In order to create a custom parameter class, you write the following code segment. `public class DayParameter : Parameter { }` You must make sure that the current date and time is returned by the custom parameter. Of the following code segments, which code segment should be added to the DayParameter class?

- A. `protected override Parameter Clone(){ Parameter pm = new DayParameter(); pm.DefaultValue = DateTime.Now; return pm;}`
- B. `protected DayParameter(): base("Value", TypeCode.DateTime, DateTime.Now.ToString()){}`
- C. `protected override void LoadViewState(object savedState){ ((StateBag)savedState).Add("Value", DateTime.Now);}`
- D. `protected override object Evaluate(HttpContext context, Control control) { return DateTime.Now;}`

Answer: D

Question: 9

You are an application developer and you have about two years experience in developing Web-based applications by using Microsoft ASP.NET. Now you are employed in a company named Wiikigo. You use the Microsoft .NET Framework version 3.5 to create a Microsoft ASP.NET Web application. The application contains a Web form file named TVReviews.aspx and has DetailsView control named DetailsView01. The

TVReviews.aspx file  
 LinqDataSource01h  
 following code frag  
 1 <asp:DetailsView  
 DataSourceID="Linq  
 HeaderText="IVID"  
 <asp:BoundField Da  
 <asp:BoundField Da  
 /> 13 <asp:Comman  
 ShowInsertButton=  
 The company CIO a  
 that the users can i  
 have to prevent du  
 line 3, which code s

- A..AllowPaging="f
- en erateInsertBut
- B. AllowPaging="f
- C.AllowPaging="f
- en erateInsertBut
- D. AllowPaging="f

LinqDataSource01.  
 file contains the

```

    DataField="IVID"
    Expression="IVID" /> 9
    on="Title" /> 11
    Expression="Theater"
    on="True"
    
```

you must make sure  
 pl. Besides this, you  
 New operations. At

```

    tButton="true"AutoG
    tButton="true"AutoG
    
```

Answer: D

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