ASP.Net S2
Day1

Q. Which of the following validation control is used to ensure that the value entered by an user is within the specific range?

1). Compare Validator

2). RequireField Validator

3). **Range Validator**

4). RegularExpression Validator

Q. Which property helps to check whether a .aspx page is posted back to the server?

1). AutoPostBack

2). **IsPostBack**

3). IsTransfer

4). IsNewSession

Q. Which of the following correctly defines a server side label control with name lblHoop?

1). <asp:Label name="lblHoop" runat="server" />

2). <Label id="lblHoop" runat="server" />

3). **<asp:label id="lblHoop" runat="server" />**

4). <server label name="lblHoop" runat="asp" />

Q. Why we should use Web.config file in our application?

1). **To store the global information and variable definitions for the application.**

2). To configure the time that the server-side codebehind module is called.

3). To configure the web server.

4). To configure the web browser

Q. By default, when does server side validation automatically occur?

1). Before the data is sent to the server

2). **After page initialization and before event**

3). Any time an input control is changed

4). After Page Transfer

Q. After capturing the SelectedIndexChanged event for a ListBox control, you find that the event handler doesn't execute. What could the problem be?

1). The AutoEventWireup attribute is set to False.

2). **The AutoPostBack attribute is set to False**

3). The codebehind module is not properly compiled

4). The ListBox must be defined WithEvents.

Q. What happens if an ASP.NET server control is missing the runat = "server" attribute from its definition?

1). The control will operate as usual; the default is runat="server" .

2). The control will revert to being a client-side control and function as such.

3). The control will not function; the default is runat="client".

4). **The compilation of the application will fail.**

Q. Which of the following event would you use to capture the selection of a new item in a DropDownList control?
1). The Click event

2). The SelectionChanged event.

3). **The SelectedIndexChanged event.**

4). The ChangedSelection event

Q. _____ must be set on a validator control for the validation to work.
1). **ControlToValidate**

2). ControlToBind

3). ValidateControl

4). Validate

Q. When writing server-
side code, which of the following mark ups is used to indicate the code block?
1). **<% %>**

2). <!-- -->

3). <@ language="c#" @>

4). <asp:script runat="server" />

Day2
Q.Which element of MasterPage represent dynamic section on page, where web page will be loaded ?
1). <asp:Content />

2). **<asp:ContentPlaceHolder />**

3). <div>

4). <body>

Q.If you want to set MasterPage on a particular page programatically,by using which event of page you will do the same?
1). Page PreRender event

2). Page Load event

3). Page Init event

4). **Page PreInit event**

Q. What method is used to insert an entry in the trace output?
1). **Trace.Write()**

2). Trace.HighLight()

3). Trace.Error()

4). Trace.Warn()

Q. We are developing a web site for our client where we want to hide root node from treeview.
Which of the following code snippet helps us to do the same?
1). <asp:SiteMapDataSource ID="SiteMap" StartingNode="false"
runat="server" />
<asp:TreeView DataSourceID="SiteMap" runat="server" />

2). **<asp:SiteMapDataSource ID="SiteMap" ShowStartingNode="false"
runat="server" />
<asp:TreeView DataSourceID="SiteMap" runat="server" />**

3). <asp:SiteMapDataSource ID="SiteMap" FirstNode="false"
runat="server" />
<asp:TreeView DataSourceID="SiteMap" runat="server" />

4). <asp:SiteMapDataSource ID="SiteMap" ShowFirstNode="false"
runat="server" />
<asp:TreeView DataSourceID="SiteMap" runat="server" />

Q. You want to apply standardized web content across all the pages of your site in ASP.NET.
What will you use to achieve the same in your web application?
1). Themes

2). CSS

3). UserControl

4). **MasterPages**

Q. Which of the following file will provide the logical structure for site navigation?
1). app.config

2). web.config

3). app.sitemap

4). **web.sitemap**

Q. If you want to apply consistent look and feel of controls across all the pages of your site in asp.net.

What will you use to achieve the same in your web application to do the same?
1). **Themes**

2). Styles

3). UserControl

4). MasterPages

Q. You want to show customer navigation on a website in a breadcrumb format.
Which control do you use to achieve the same?
1). Menu

2). TreeView

3). **SiteMapPath**

4). SiteMap

Q. What is true about MasterPages?

1. Pages Should be easy to modify.
2. No deep recompilation of pages while making changes.
1). Statement 1 is True but statement 2 is false

2). Statement 1 is false but statement 2 is true

3). **Both are true**

4). Both are false

Q. You want to enable tracing in your site. How can you achieve the same?
1). **Set the Trace property of the Web Form to True**

2). Set the Trace property of the Server object to True

3). Set the Session variable Trace to True

4). Set the Applications variable Trace to True

Day3

Q. You have 3 colums (FirstName, MiddleName, LastName) in your Employee Table.
You want to load the contents of Employee table into DataGrid, but while loading content
you want to create a new column with header "Full Name" which shows data in below format
FirstName+MiddleName+LastName
ex- Alok Ravi Goyal
While adding a new column to DataGrid which field type you choose?
1). BoundField

2). HyperlinkField

3). DataField

4). **TemplateField**

5). ContentField

Q. Which template you must provide, in order to display data in a Repeater control?
1). DisplayTemplate

2). **ItemTemplate**

3). ShowTemplate

4). HeaderTemplate

Q. You are creating a webpage. In this page you have one listBox and DataGrid.
You want to load the contents in Grid on the basis of data selected from ListBox.

You bound a sqlDataSource with DataGrid.
Which property of sqlDataSource allows you to do the same?
1). **ControlParameter**

2). CookieParameter

3). SessionParameter

4). QueryStringParameter

Q. We have written a code for loading data in listbox, but when page is loaded nothing
is displayed on page. Below is the code for your reference.

```
private void Page_Load(object sender,EventArgs e)
{     string[] cities=new string[]{"Pune","Delhi","Chennai","Mumbai"};
      listBox1.datasource=cities;
}
```

Which of the following code snippet if inserted in Page Load method at bottom will
resolve the issue?
1). listBox1.datasource=cities.GetEumerator()

2). listBox1.datasource=cities.Load()

3). **listBox1.dataBind()**

4). listBox1.ItemBind()

Q.You are creating an ASP.NET application by using the Microsoft .NET Framework version 4.5.
You add an SqlDataSource control named SqlDataSource1 to the Web page.
SqlDataSource1 is binded with BulletedList1. From the database you are fetching ID and
Name for the Customer. You write the following code segment in the code-
behind file of the Web page.
Which of the following code segment will show the customer information?
1). <asp:BulletedList ID="BulletedList1" runat="server"
DataSource="SqlDataSource1"
DataTextField="Name" DataValueField="ID"
</asp:BulletedList>

2). <asp:BulletedList ID="BulletedList1" runat="server"
DataSourceID="SqlDataSource1"
DataText="Name" DataMember="ID"
</asp:BulletedList>

3). **<asp:BulletedList ID="BulletedList1" runat="server"**
DataSourceID="SqlDataSource1"
DataTextField="Name" DataValueField="ID"
</asp:BulletedList>

4). <asp:BulletedList ID="BulletedList1" runat="server"
DataSource="SqlDataSource1"
DataText="ID" DataValue="Name"
</asp:BulletedList>

Q. Which of the following is not a Valid ASP.NET data source?
1). ADO.NET

2). NoSQL

3). WebService

4). Html5 Local Storage

5). **WorkFlow**

Q.You are creating an ASP.NET application by using the Microsoft .NET Framework version 4.5
You are writting the following code fragment.

```
<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 need to ensure that when you click the Button1 control, a selected list of items move from
the ListBox1 control to the ListBox2 control. Which code segment should you use?
1). foreach (ListItem li in ListBox1.Items)
{
if (li.Selected)
{
ListBox2.Items.Add(li);
ListBox1.Items.Remove(li);
}
}

2). foreach (ListItem li in ListBox1.Items)
{
if (li.Selected)
{
li.Selected = false;
ListBox2.Items.Add(li);
ListBox1.Items.Remove(li);
}
}

3). **foreach (ListItem li in ListBox1.Items)**
{
if (li.Selected)
{
li.Selected = false;
ListBox2.Items.Add(li);
}
}

4). foreach (ListItem li in ListBox2.Items)
{
if (ListBox1.Items.Contains(li))
ListBox1.Items.Remove(li);
}

5). foreach (ListItem li in ListBox1.Items)
{
if (li.Selected)
{
li.Selected = false;
ListBox2.Items.Add(li);
}
}

Q. What is the purpose of the following code segment?

if (!IsPostBack)
{
sqlDataAdapter1.Fill(ds,Users1);
DataGrid1.DataBind();
}
1). To populate the DataAdapter the first time the web page is displayed.

2). To populate the DataSet every time the web page is displayed.

3). To populate the DataAdapter every time the web page is displayed.

4). **To populate the DataSet the first time the web page is displayed**

Q. Which control does not have any visible interface?
1). DataList

2). DropDownList

3). DataGrid

4). **Repeater**

Day4
Q. By default Session data is stored in _____.
1). StateServer

2). Session Object

3). **In-Process**

4). SQLServer

Q. For which Object both of the following statements are true:

a. Use when you are transferring small amount of information from one page to another
   and security is not an issue.
b. You can use this approach only if you are requesting the same page, or another page via a link.

Which of the following is recommended technique?
1). **Query String**

2). ViewState

3). Session State

4). Control State

Q. Client-side state management techniques are not appropriate when using:
1). Sensitive Information
2). Critical Aplication
3). For Intranet Application
4). **Both 1 and 2**

Q. You are creating a webpage, within this page you have to design an online poll.
You need to store number of users voted on site which has to display on the page for all users,
who connect to your web application. Which object should you use?
1). Session Object
2). **Application Object**
3). Cookies Object
4). ViewState Object

Q. You need to store small amount of information for a page that will post
back to the same or to another page in an application in which security is not an issue.
Which of the following technique you will use?
1). Query String
2). **Cookies**
3). Hidden Fields
4). ViewState

Q. Match the following HTML5 Web Storage :
Column A

1. Session Storage
2. Local Storage

Solution

1. Available per-page and per-window
2. Available to all pages from the same domain

Q. Which of the following object encapsulates the state of the client and the browser?
1). Server Object
2). Request Object
3). Response Object
4). **Session Object**

Q. The maximum size of the cookie is _____.
1). 2 Kb
2). **4 Kb**
3). 8 Kb

4). 16 Kb

Q. You want to end the session of active user from your web application.
Which code snippet helps you to do the same?
1). Session.Abort()

2). Session.Exit();

3). Session.Quit()

4). **Session.Abandon()**

Q.Which of the following is the best approach to maintain state of control on client side across round-trip of page?
1). Hidden control

2). **ViewState**

3). Session variable

4). Cookies

Day5
Q. In context of ASP.NET membership provider which statements are True:

1. Allows user to create new User and Password.
2. Stores membership information on MYSQL Server by default.
1). **Statement 1 is True but statement 2 is false**

2). Statement 1 is false but statement 2 is true

3). Both are true

4). Both are false

Q.Which of the following command line tool will be used in ASP.NET for deployment of web site?
1). **XCopy**

2). VS Copy

3). One Click

4). Copy Web Site

5). Publish

Q. You need to deploy your site on a web server. Which of the following steps you need to accomplish prior uploading your web. Choose the correct option with proper sequence.

Step 1: _____
Step 2: _____
Attempted

1. Set <compilation debug = "False"/>

Solution

Q. You are configuring security for a web application that will be used on your company intranet. Your company is using Intel-based as well as Apple computers running Windows and other operating systems. The following is part of the Web.config file for the application:

```
<configuration>
<authentication mode= _____ >
<forms loginUrl = "login.aspx" protection = "All" timeout = "30" path = "/" >
</forms>
</authentication>
</configuration>
```

Which of the following mode you will place at the blank?
Attempted

1. Forms

Solution

1. Forms

2. Basic

3. Digest

4. Windows

Q. You want to show the name of current active user on webpage.
Which code snippet helps you to do the same?
1). **protected void Page_Load(object sender, EventArgs e)**
{
lblUserName.Text=User.Identity.Name
}
2). protected void Page_Load(object sender, EventArgs e)
{
lblUserName.Text=User.Identity.GetName()
}

3). protected void Page_Load(object sender, EventArgs e)
{
lblUserName.Text=User.Identity.UserName
}

4). protected void Page_Load(object sender, EventArgs e)
{
lblUserName.Text=User.Identity.GetUserName()
}

Q. Which of the following method allows you to Create the Role for your ASP.NET website?
1). Role.CreateRole("Developer")

2). **Roles.CreateRole("Developer")**

3). Role.AddRole("Developer")

4). Roles.AddRole("Developer")

Q.In Windows based authentication model of ASP.NET, user credentials were searched in _____.
Attempted

1. ACL

Solution

1. ACL

2. Local User

3. FCL

4. SQL Server

5. Proxy

Q. What is the effect of the following code snippet from the Web.config file?

```
<system.web>
    <authorization>
        <deny users="?" />
    </authorization>
</system.web>
```
1). **Anonymous user access is denied**

2). Only anonymous user access is allowed

3). Users in the default group are denied access

4). There will be a syntax error when the application is executed

Q. Which Security Scheme in ASP.NET Application allows you to use single credentials on multiple partner sites?

1). Windows

2). Forms

3). **Passport**

4). Network

Q. You want to implement Forms authentication in ASP.NET.
Which namespace you have to add in your code to access the same?

1). System.Web.Authentication

2). System.WebPage.Security

3). System.WebPage.Authentication

4). **System.Web.Security**

5). System.WebForm.Security

Day6

Q. In AJAX which trigger is typically used to trigger updates, when controls outside an UpdatePanel is posted back?

1). PostBackTrigger

2). **AsyncPostBackTrigger**

3). PostTrigger

4). AsyncTrigger

Q. Which of the following ASP.NET control is not compatible with Partial Page Updates?

1). **TreeView**

2). TextBox

3). Label

4). Button

Q. What does the XMLHttpRequest object accomplish in Ajax?

1). It's a programming language used to develop Ajax applications

2). It provides a means of exchanging structured data between the Web server and client

3). **It provides the ability to asynchronously exchange data between Web browsers and a Web server**

4). It provides the ability to mark up and style the display of Webpage text

Q.Which AJAX Control is a group of server control and monitors there post back and rendering process?

1). UpdateControl

2). **UpdatePanel**

3). UpdateControlPanel

4). ScriptManager

Q. In AJAX applications request will be processed via ____.
Attempted

1. XMLHttpRequest

Solution

1. XMLHttpRequest

2. HttpRequest

3. HttpXmlRequest

4. HTTPPost

Q. You have written following code fragment to an AJAX-enabled Web form.
(Line numbers are included for reference only.)

```
01 <asp:ScriptManager ID = "scrMgr" runat = "server" />
02 <asp:UpdatePanel ID = "updPanel" runat = "server" UpdateMode = "Conditional">
03 <ContentTemplate>
04 <asp:Label ID = "lblTime" runat = "server" />
05 <asp:UpdatePanel ID = "updInnerPanel" runat = "server" UpdateMode = "Conditional">
06 <ContentTemplate>
07 <asp:Timer ID = "tmrTimer" runat = "server" Interval = "1000" OnTick = "tmrTimer_Tick" />
08 </ContentTemplate>
09
10 </asp:UpdatePanel>
11 </ContentTemplate>
12
13 </asp:UpdatePanel>
```

The tmrTimer_Tick event handler sets the Text property of the lblTime Label control to
the current time of the server. You have to configure the appropriate UpdatePanel control
to make sure that the label content is properly updated by the tmrTimer Timer control.
What should you do?

1). Set the UpdateMode="Always" attribute to the updInnerPanel UpdatePanel control in line 05

2). Set the ChildrenAsTriggers="false" attribute to the updPanel UpdatePanel control in line 02

3). Add the following code fragment to line 09.
<Triggers>
<asp:PostBackTrigger ControlID="tmrTimer" />
</Triggers>

4). **Add the following code fragment to line 12.**
<Triggers>
<asp:AsyncPostBackTrigger ControlID="tmrTimer"
EventName="Tick" />
</Triggers>

Q. Which of the following statements in context of AJAX is/are True?

1. It is difficult to bookmark a particular state of the application
2. Response time may be slow because different controls of a page are loaded at different time
1). Statement 1 is True but statement 2 is false

2). Statement 1 is false but statement 2 is true

3). **Both are true**

4). Both are false

Q.You want to make ajaxifying ASP.NET application. Which control you are going to use on your pa
ge,
so it supports AJAX?
1). **ScriptManager**

2). Panel

3). ScriptManagerProxy

4). Timer

Q.Which of the following AJAX control will give the progress details about your partial page renderin
g?
1). ScriptManager

2). **UpdateProgress**

3). ScriptManagerProxy

4). UpdatePanel

Q.Which AJAX control includes downloading Microsoft Ajax Library scripts to the browser and
coordinating partial-page updates that are enabled by using UpdatePanel controls?
1). **ScriptManager**

2). **UpdatePanel**

3). Timer

4). UpdateProgress