

CODE IMPLEMENTATION: LAB 9

Index.aspx

```
<%@ Page Language="VB" AutoEventWireup="false" CodeFile="Index.aspx.vb" Inherits="_Default"
%>

<!DOCTYPE html>

<html>
<head runat="server">
  <title>LAB 9 Problems</title>
  <style>
    body {
      font-family: Arial, sans-serif;
      background-color: #e0e0e0;
      padding: 20px;
    }

    h1 {
      margin-bottom: 30px;
      color: #333333;
    }

    a {
      display: block;
      margin: 10px 0;
      font-size: 1.2em;
      color: #404040;
      text-decoration: none;
    }

    a:hover {
      text-decoration: underline;
    }
  </style>
</head>
<body>
  <form id="form1" runat="server">
    <div>
      <h1>LAB 9 PROBLEMS</h1><br />
      <a href="l9a.aspx">Problem 1</a><br />
      <a href="l9b.aspx">Problem 2</a>
      <a href="Quiz.aspx">Quiz</a>
    </div>
  </form>
</body>
</html>
```

l9a.aspx

```
<%@ Page Language="VB" AutoEventWireup="false" CodeFile="l9a.aspx.vb" Inherits="_Default" %>

<!DOCTYPE html>

<html">
<head runat="server">
    <title>CheckBoxList</title>
</head>
<body>
    <form id="form1" runat="server">
        Choose your favourite programming languages:<br /><br /><br />
        <asp:CheckBoxList ID="chkbox" runat="server" /><br /><br />
        <asp:Button ID="btn" Text="OK" runat="server" />
        <br /><br />
        <asp:Label ID="lbl" runat="server" />
    </form>
</body>
</html>
```

l9a.aspx.vb

```
Imports System.Web.UI
Partial Class _Default
    Inherits Page
    Protected Sub Page_Load(ByVal sender As Object, ByVal e As EventArgs) Handles MyBase.Load
        If Me.IsPostBack = False Then
            chkbox.Items.Add("C")
            chkbox.Items.Add("C++")
            chkbox.Items.Add("C#")
            chkbox.Items.Add("Visual Basic 6.0")
            chkbox.Items.Add("VB .NET")
            chkbox.Items.Add("Pascal")
        End If
    End Sub
    Protected Sub btn_Click(ByVal sender As Object, ByVal e As EventArgs) Handles btn.Click
        lbl.Text = "You chose:"
        Dim lst As ListItem
        For Each lst In chkbox.Items
            If lst.Selected = True Then
                lbl.Text &= "<br/>" & lst.Text
            End If
        Next
    End Sub
End Class
```

l9b.aspx

```
<%@ Page Language="VB" AutoEventWireup="false" CodeFile="l9b.aspx.vb" Inherits="_Default" %>

<!DOCTYPE html>

<html>
<head runat="server">
    <title>Web Control Table</title>
</head>
<body>
    <form id="form1" runat="server">
        <div>
            Rows:
            <asp:TextBox ID="rows" runat="server" />
            &nbsp;
            Cols:
            <asp:TextBox ID="cols" runat="server" />
            <br /><br />
            <asp:CheckBox ID="chkbox" runat="server" Text="Put Border Around Cells" />
            <br /><br />
            <asp:Button ID="create" runat="server" Text="Create" />
            <br /><br />
            <asp:Table ID="tbl" runat="server" />
        </div>
    </form>
</body>
</html>
```

l9b.aspx.vb

```
Imports System.Web.UI
```

```
Partial Class _Default
```

```
    Inherits Page
```

```
    Protected Sub Page_Load(ByVal sender As Object, ByVal e As EventArgs) Handles Me.Load
        tbl.BorderStyle = BorderStyle.Inset
        tbl.BorderWidth = Unit.Pixel(1)
    End Sub
```

```
    Protected Sub create_Click(ByVal sender As Object, ByVal e As EventArgs) Handles
create.Click
```

```
        tbl.Controls.Clear()
        Dim row, col As Integer
        For row = 0 To Val(rows.Text - 1)
            Dim rowNew As New TableRow()
            tbl.Controls.Add(rowNew)
            For col = 0 To Val(cols.Text - 1)
                Dim cellNew As New TableCell()
                Dim lblNew As New Label()
                lblNew.Text = "Example Cell (" & row.ToString() & ", "
                lblNew.Text &= col.ToString() & ")<br />"
                Dim imgNew As New System.Web.UI.WebControls.Image()
                imgNew.ImageUrl = "image.jfif"
                imgNew.Width = Unit.Pixel(40)
                imgNew.Height = Unit.Pixel(40)
```

```

        cellNew.Controls.Add(lblNew)
        cellNew.Controls.Add(imgNew)
        If chkbox.Checked = True Then
            cellNew.BorderStyle = BorderStyle.Inset
            cellNew.BorderWidth = Unit.Pixel(1)
        End If
        rowNew.Controls.Add(cellNew)
    Next
End Sub
End Class

```

Quiz.aspx

```

<%@ Page Language="VB" AutoEventWireup="false" CodeFile="Quiz.aspx.vb" Inherits="_Default" %>

<!DOCTYPE html>

<html>
<head runat="server">
    <title>RadioButtonList</title>
</head>
<body>
    <form id="form1" runat="server">
        Choose a button to remove:<br /><br />
        <asp:RadioButtonList ID="rbl" runat="server" /><br /><br />
        <asp:Button ID="btn" runat="server" Text="Submit" />
        <br /><br />
        <asp:Label ID="lbl" runat="server" />
    </form>
</body>
</html>

```

Quiz.aspx.vb

```
Imports System.Web.UI
```

```
Partial Class _Default
    Inherits Page
```

```

    Protected Sub Page_Load(ByVal sender As Object, ByVal e As EventArgs) Handles MyBase.Load
        If IsPostBack = False Then
            rbl.Items.Add("Button 1")
            rbl.Items.Add("Button 2")
            rbl.Items.Add("Button 3")
            rbl.Items.Add("Button 4")
        End If
    End Sub

    Protected Sub btn_Click(ByVal sender As Object, ByVal e As EventArgs) Handles btn.Click

```

```
    If rbl.SelectedIndex >= 0 Then
        rbl.Items.RemoveAt(rbl.SelectedIndex)
        lbl.Text = "Selected item removed."
    Else
        lbl.Text = "Please select a button to remove."
    End If
End Sub
End Class
```