

Pakistan Institute of Engineering and Applied Sciences



Report

Lab-09: Web Controls and Quiz

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Registration No: 03-3-1-033-2022

Course Name: Internet application development

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Task 1: Selected items in checkbox list will be displayed in the section below.**Default.aspx**

```

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

<!DOCTYPE html>

<html xmlns="http://www.w3.org/1999/xhtml">
<head runat="server">
    <title></title>
</head>
<body>
    <form id="form1" runat="server">

        </form>
</body>
</html>

```

Default.aspx.vb

```

Imports System.ComponentModel

Partial Class _Default
    Inherits System.Web.UI.Page

    Private Sub _Default_Load(sender As Object, e As EventArgs) Handles Me.Load
        Dim list As New CheckBoxList
        'Dim list As New RadioButtonList
        list.ID = "CheckBoxList1"
        list.Items.Add("C")
        list.Items.Add("C++")
        list.Items.Add("C#")
        list.Items.Add("VB.NET")
        list.Items.Add("Pascal")
        form1.Controls.Add(list)
        Dim button As New Button
        button.ID = "Button1"
        button.Text = "OK"
        AddHandler button.Click, AddressOf Button1_Click
        form1.Controls.Add(button)
    End Sub

    Private Sub Button1_Click(sender As Object, e As EventArgs)
        Dim list As CheckBoxList = CType(form1.FindControl("CheckBoxList1"),
CheckBoxList)
        'Dim list As RadioButtonList = CType(form1.FindControl("CheckBoxList1"),
RadioButtonList)
        Dim display As New HtmlGenericControl("div")

        Dim label_1 As New Label
        label_1.ID = "Label1"
        label_1.Text = "You choose:<br>"
        display.Controls.Add(label_1)
        form1.Controls.Add(display)
    End Sub

```

```

'Dim selecteditems As New RadioButtonList

For Each item As ListItem In list.Items
    If item.Selected = True Then
        Dim selectedItem As New Label
        selectedItem.Text = item.Text & "<br>"
        display.Controls.Add(selectedItem)
        'selecteditems.Items.Add(item)
    End If
Next

'For Each item As ListItem In selecteditems.Items
'list.Items.Remove(item)
'Next
End Sub
End Class

```

Output:

☐ C
☒ C++
☒ C#
☒ VB.NET
☐ Pascal

 You choose:
 C++
 C#
 VB.NET

Task 2: dynamically generate table with the check box option to add the border.

Default2.aspx

```

<%@ Page Language="VB" AutoEventWireup="false" CodeFile="Default2.aspx.vb"
Inherits="Default2" %>

<!DOCTYPE html>

<html xmlns="http://www.w3.org/1999/xhtml">
<head runat="server">
    <title></title>
</head>
<body>
    <form id="form1" runat="server">
        <div id="div1" runat="server">
            <label>Rows:</label>

```

```

        <input id="rows" type="text" name="rows" runat="server" />
        <label>Cols:</label>
        <input id="cols" type="text" name="cols" runat="server"/><br />
        <input id="border_op" type="checkbox" name="border" runat="server"/>Put
Border Around Cells<br />
        <input id="create" type="submit" name="create" value="Create"
runat="server"/>
    </div>
    <asp:table id="table1" runat="server"/>
</form>
</body>
</html>

```

Default2.aspx.vb

```

Partial Class Default2
    Inherits System.Web.UI.Page
    Private Sub create_table(sender As Object, e As EventArgs) Handles
create.ServerClick
        table1.Controls.Clear()
        For i As Integer = 0 To (rows.Value - 1)
            Dim row As New TableRow()
            For j As Integer = 0 To (cols.Value - 1)
                Dim cell As New TableCell()
                Dim label As New Label()
                label.Text = "Example Cell(" & i & "," & j & ")"
                Dim img As New Image()
                img.ImageUrl = "./img.png"
                cell.Controls.Add(label)
                cell.Controls.Add(img)
                row.Controls.Add(cell)
                If border_op.Checked Then
                    cell.BorderStyle = BorderStyle.Inset
                    cell.BorderWidth = Unit.Pixel(1)
                End If
            Next
            table1.Controls.Add(row)
        Next

        If border_op.Checked Then
            table1.BorderStyle = BorderStyle.Inset
            table1.BorderWidth = Unit.Pixel(1)
        End If
    End Sub
End Class

```

Output:

Rows: Cols:

☒ Put Border Around Cells

Create

Example Cell(0,0) 😊	Example Cell(0,1) 😊	Example Cell(0,2) 😊	Example Cell(0,3) 😊
Example Cell(1,0) 😊	Example Cell(1,1) 😊	Example Cell(1,2) 😊	Example Cell(1,3) 😊
Example Cell(2,0) 😊	Example Cell(2,1) 😊	Example Cell(2,2) 😊	Example Cell(2,3) 😊
Example Cell(3,0) 😊	Example Cell(3,1) 😊	Example Cell(3,2) 😊	Example Cell(3,3) 😊

Quiz in Lab 09

The selected item in the radio list will be removed when clicking on ok.

Default3.aspx

```
<%@ Page Language="VB" AutoEventWireup="false" CodeFile="Default3.aspx.vb"
Inherits="Default3" %>

<!DOCTYPE html>

<html xmlns="http://www.w3.org/1999/xhtml">
<head runat="server">
    <title></title>
</head>
<body>
    <form id="form1" runat="server">

        </form>
</body>
</html>
```

Default3.aspx.vb

```
Imports System.ComponentModel
Imports Microsoft.SqlServer.Server

Partial Class Default3
    Inherits System.Web.UI.Page

    Private Sub _Default_Load(sender As Object, e As EventArgs) Handles Me.Load
        'Dim list As New CheckBoxList
        Dim list As New RadioButtonList
        list.ID = "CheckBoxList1"
        list.Items.Add("C")
        list.Items.Add("C++")
        list.Items.Add("C#")
        list.Items.Add("VB.NET")
        list.Items.Add("Pascal")
        form1.Controls.Add(list)
        Dim button As New Button
```

```

        button.ID = "Button1"
        button.Text = "OK"
        AddHandler button.Click, AddressOf Button1_Click
        form1.Controls.Add(button)
    End Sub
    Private Sub Button1_Click(sender As Object, e As EventArgs)
        'Dim list As CheckBoxList = CType(form1.FindControl("CheckBoxList1"),
        CheckBoxList)
        Dim list As RadioButtonList = CType(form1.FindControl("CheckBoxList1"),
        RadioButtonList)
        'Dim display As New HtmlGenericControl("div")

        'Dim lable_1 As New Label
        'lable_1.ID = "Label1"
        'lable_1.Text = "You choose:<br>"
        'display.Controls.Add(lable_1)
        'form1.Controls.Add(display)

        Dim selecteditems As New RadioButtonList

        For Each item As ListItem In list.Items
            If item.Selected = True Then
                'Dim selectedItem As New Label
                'selectedItem.Text = item.Text & "<br>"
                'display.Controls.Add(selectedItem)
                selecteditems.Items.Add(item)
            End If
        Next

        For Each item As ListItem In selecteditems.Items
            list.Items.Remove(item)
        Next
    End Sub
End Class

```

Output:

<input type="radio"/> C	<hr/>	<input type="radio"/> C
<input checked="" type="radio"/> C++		<input type="radio"/> C#
<input type="radio"/> C#		<input type="radio"/> VB.NET
<input type="radio"/> VB.NET		<input type="radio"/> Pascal
<input type="radio"/> Pascal		<input type="button" value="OK"/>
<input type="button" value="OK"/>		