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

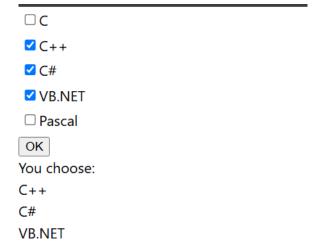
Instructor: Dr. Irfan Hameed

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

Output:

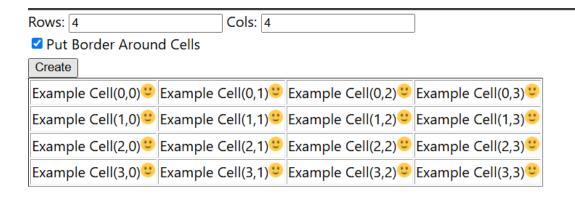


Task 2: dynamically generate table with the check box option to add the border.

Default2.aspx

```
<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"</pre>
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:



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"</pre>
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)
   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:
 \circc
                                           \circc
 C++
                                           ○ C#
 O C#
                                           O VB.NET
 O VB.NET
                                           O Pascal

    Pascal

                                           OK
 OK
```