



Pakistan Institute of Engineering and Applied Sciences

Internet Application Development
Lab#9

Submitted To

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Submitted By

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Question:

Problem 1) Develop an asp.net page that displays a list of options with check boxes(Use CheckBoxList web control) On Clicking a button(web control) the page displays the selected options in label control.

Problem 2) Develop an asp.net page that displays two text boxes and a button web control. The textboxes are used to capture number of rows and number of columns from user

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>PIEAS Location Quiz</title>
</head>
<body>
    <form id="form1" runat="server">
        Where is PIEAS University located?<br /><br />
        <asp:CheckBoxList ID="chkLocations" runat="server" /><br /><br />
        <asp:Button ID="btnSubmit" Text="Submit" runat="server" OnClick="btnSubmit_Click" /><br /><br />
        <asp:Label ID="lblSelected" runat="server" ForeColor="Blue" />
    </form>
</body>
</html>
```

Default.aspx.vb

```
Partial Class _Default
    Inherits System.Web.UI.Page

    Protected Sub Page_Load(ByVal sender As Object, ByVal e As EventArgs) Handles Me.Load
        If Not IsPostBack Then
            ' Add city options only once
            chkLocations.Items.Add("Islamabad")
            chkLocations.Items.Add("Karachi")
            chkLocations.Items.Add("Lahore")
            chkLocations.Items.Add("Multan")
            chkLocations.Items.Add("Peshawar")
        End If
    End Sub
```

```

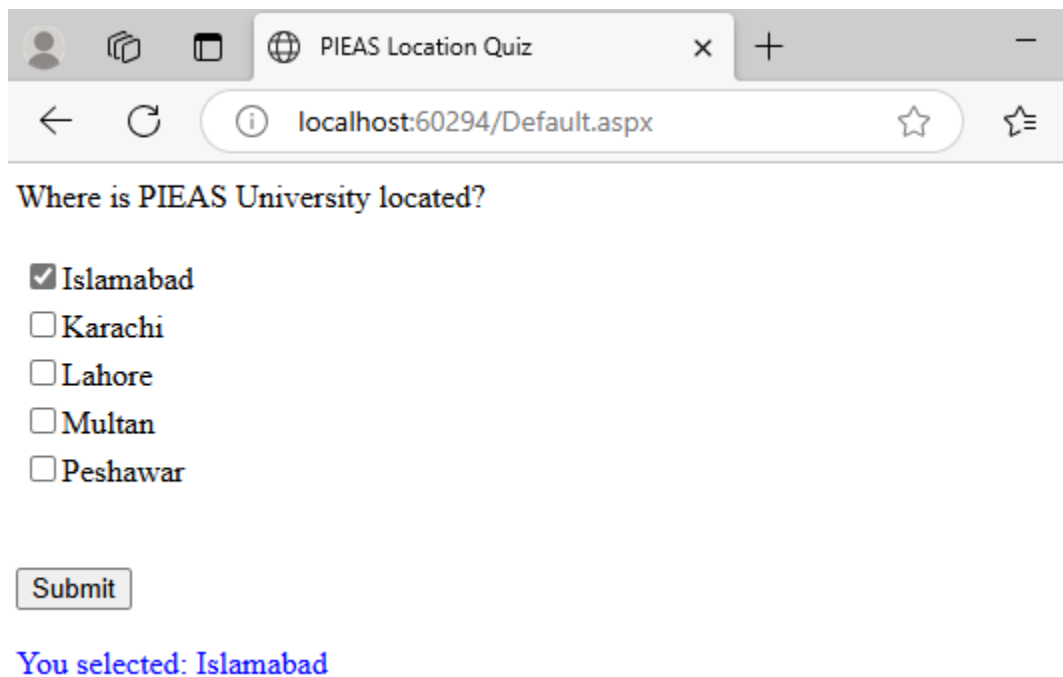
Protected Sub btnSubmit_Click(ByVal sender As Object, ByVal e As EventArgs)
    Dim selectedCities As New List(Of String)

    For Each item As ListItem In chkLocations.Items
        If item.Selected Then
            selectedCities.Add(item.Text)
        End If
    Next

    If selectedCities.Count > 0 Then
        lblSelected.Text = "You selected: " & String.Join(", ", selectedCities)
    Else
        lblSelected.Text = "Please select at least one city."
    End If
End Sub
End Class

```

Output:



Where is PIEAS University located?

☒ Islamabad

☐ Karachi

☐ Lahore

☐ Multan

☐ Peshawar

You selected: Islamabad

Problem 2: Table Control

Default.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>Dynamic Table Generator</title>
</head>
<body>
    <form id="form2" runat="server">
        Rows: <asp:TextBox ID="txtNumRows" runat="server" />&nbsp;
        Cols: <asp:TextBox ID="txtNumCols" runat="server" /><br /><br />
        <asp:CheckBox ID="chkAddBorder" runat="server" Text="Put Border Around Cells" /><br
    /><br />
        <asp:Button ID="btnGenerate" runat="server" Text="Generate Table" /><br /><br />
        <asp:Table ID="tblDynamic" runat="server" />
    </form>
</body>
</html>

```

Default.aspx.vb

Partial **Class** Default2

Inherits System.Web.UI.Page

Protected **Sub** Page_Load(ByVal sender As Object, ByVal e As EventArgs) Handles Me.Load

' Set default style for the table

tblDynamic.BorderStyle = BorderStyle.Inset

tblDynamic.BorderWidth = Unit.Pixel(1)

End Sub

Protected **Sub** btnGenerate_Click(ByVal sender As Object, ByVal e As EventArgs) Handles btnGenerate.Click

' Clear old table content

tblDynamic.Rows.Clear()

' Read user inputs

Dim totalRows As Integer = 0

Dim totalCols As Integer = 0

' Try parsing input to integers

Integer.TryParse(txtNumRows.Text, totalRows)

Integer.TryParse(txtNumCols.Text, totalCols)

' Create rows and columns

For rowIndex As Integer = 0 **To** totalRows - 1

Dim newRow As **New** TableRow()

For colIndex As Integer = 0 **To** totalCols - 1

Dim newCell As **New** TableCell()

newCell.Text = "Row " & (rowIndex + 1).ToString() & " - Col " & (colIndex + 1).ToString() & "
★"

```

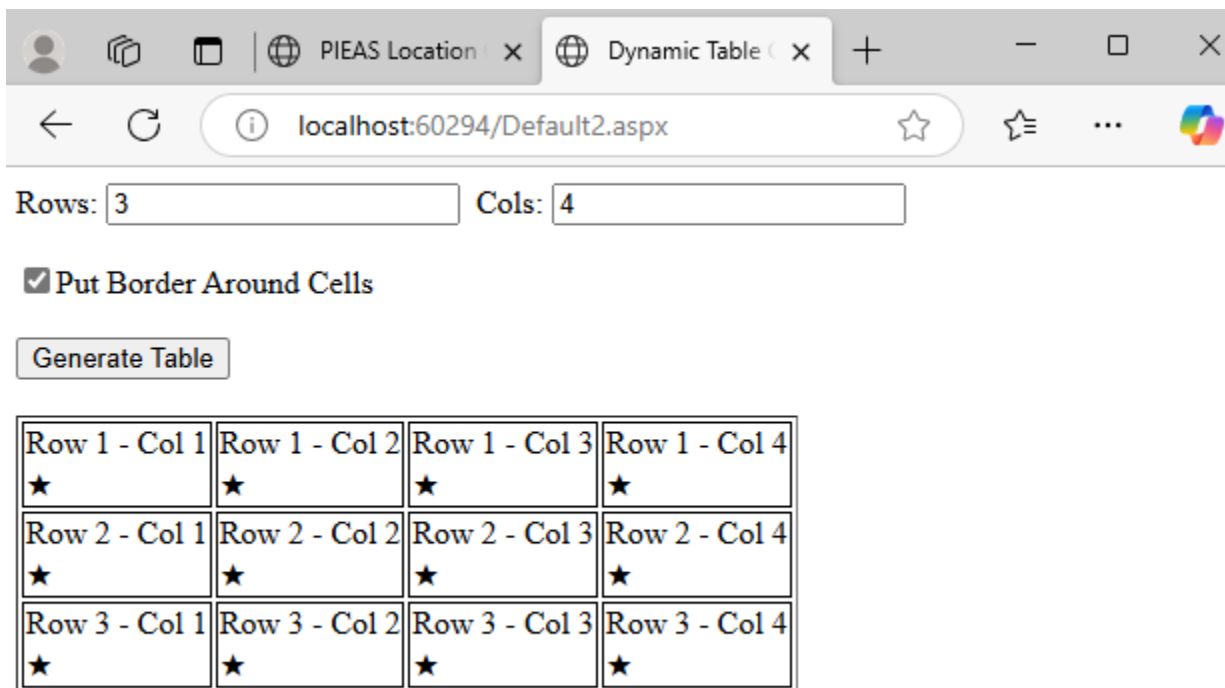
' Add borders if checkbox is checked
If chkAddBorder.Checked Then
    newCell.BorderStyle = BorderStyle.Solid
    newCell.BorderWidth = Unit.Pixel(1)
End If

newRow.Cells.Add(newCell)
Next

tblDynamic.Rows.Add(newRow)
Next
End Sub
End Class

```

Output:



Rows: Cols:

☒ Put Border Around Cells

Row 1 - Col 1 ★	Row 1 - Col 2 ★	Row 1 - Col 3 ★	Row 1 - Col 4 ★
Row 2 - Col 1 ★	Row 2 - Col 2 ★	Row 2 - Col 3 ★	Row 2 - Col 4 ★
Row 3 - Col 1 ★	Row 3 - Col 2 ★	Row 3 - Col 3 ★	Row 3 - Col 4 ★