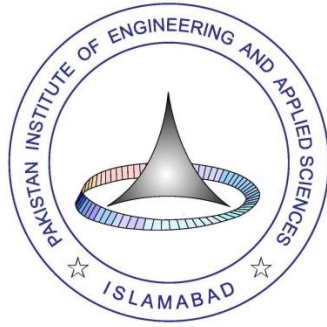


Pakistan Institute of Engineering and Applied Sciences, Islamabad
Department of Computer and Information Science



Internet Application Development

Lab Assignment no. 06

Submitted By

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Session (21-25)

Problem 02:

Develop a page that displays two text boxes and a button web control. The textboxes are used to capture the number of rows and number of columns from the user.

- a. By clicking button, generate a table with r rows and c columns. In each cell display row, col values.
- b. Optionally add features of border and image in each cell.

TableTest.aspx:

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

```
<html xmlns="http://www.w3.org/1999/xhtml">
```

```
<head runat="server">
```

```
<title>Table Test</title>
```

```
</head>
```

```
<body>
```

```
<form runat="server">
```

```
<div>
```

Rows:

```
<asp:TextBox ID="txtRows" runat="server" />
```

 Cols:

```
<asp:TextBox ID="txtCols" runat="server" />
```

```
<br /><br />
```

```
<asp:CheckBox ID="chkBorder" runat="server"
```

```
Text="Put Border Around Cells" />
```

```
<br /><br />
```

```
<asp:Button ID="cmdCreate" runat="server"
```

```
Text="Create" />
```

```
<br /><br />
<asp:Table ID="tbl" runat="server" >
<asp:TableRow ID="row" runat="server">
  <asp:TableCell ID="cell" runat="server">A Sample Value</asp:TableCell>
</asp:TableRow>
</asp:Table>
</div>
</form>
</body>
</html>
```

TableTest.aspx.vb:

Partial Public Class TableTest

Inherits System.Web.UI.Page

Protected Sub Page_Load(ByVal sender As Object,

ByVal e As EventArgs) Handles Me.Load

' Configure the table's appearance.

' This could also be performed in the .aspx file,

' or in the cmdCreate_Click event handler.

tbl.BorderStyle = BorderStyle.Inset

tbl.BorderWidth = Unit.Pixel(1)

End Sub

Protected Sub cmdCreate_Click(ByVal sender As Object,

ByVal e As EventArgs) Handles cmdCreate.Click

' Remove all the current rows and cells.

' This would not be necessary if you set EnableViewState = False.

```
tbl.Controls.Clear()

Dim row, col As Integer

For row = 0 To Val(txtRows.Text - 1)

    ' Create a new TableRow object.

    Dim rowNew As New TableRow()

    ' Put the TableRow in the Table.

    tbl.Controls.Add(rowNew)

    For col = 0 To Val(txtCols.Text - 1)

        ' Create a new TableCell object.

        Dim cellNew As New TableCell()

        cellNew.Text = "Example Cell (" & row.ToString() & ","
        cellNew.Text &= col.ToString() & ")"

        If chkBorder.Checked = True Then

            cellNew.BorderStyle = BorderStyle.Inset

            cellNew.BorderWidth = Unit.Pixel(1)

        End If

        ' Create a new Label object.

        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 = "cellpic.png"

        ' Put the label and picture in the cell.

        cellNew.Controls.Add(lblNew)

        cellNew.Controls.Add(imgNew)
```

```
' Put the TableCell in the TableRow.
```

```
rowNew.Controls.Add(cellNew)
```

```
Next
```

```
Next
```

```
End Sub
```

```
End Class
```