

Internet Application Development

Lab - 06



Submitted to

Sir Irfan Hameed

DCIS, PIEAS

Submitted By

Muhammad Hamza Azhar

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Department of Computer & Information Sciences

Problem 2)

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>Table Generator</title>
  <style>
    #form1 {
      max-width: 400px;
      margin: 0 auto;
      padding: 20px;
      background-color: #f9f9f9;
      border-radius: 8px;
      box-shadow: 0 2px 4px rgba(0, 0, 0, 0.1);
    }

    #txtRows,
    #txtCols {
      width: 100%;
      padding: 10px;
      margin-bottom: 15px;
      border: 1px solid #ccc;
      border-radius: 4px;
      box-sizing: border-box;
    }

    #chkBorder {
      margin-bottom: 15px;
    }

    #cmdCreate {
      background-color: #007bff;
      color: #fff;
      border: none;
      border-radius: 4px;
      padding: 10px 20px;
      cursor: pointer;
      transition: background-color 0.3s ease;
    }

    #cmdCreate:hover {
      background-color: #0056b3;
    }

    #tbl tr:nth-child(even) {
      background-color: #f2f2f2;
    }

    #tbl tr:hover {
      background-color: #e8e8e8;
    }
  </style>

```

```

    </style>
</head>
<body>
    <form id="form1" runat="server">
        <div>
            Rows:
            <asp:TextBox ID="txtRows" runat="server" />
            &nbsp;&nbsp;&nbsp;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" />
        </div>
    </form>
</body>
</html>

```

Default.aspx.vb:

```

Partial Class _Default
    Inherits System.Web.UI.Page

    Private Sub _Default_Load(sender As Object, e As EventArgs) Handles Me.Load
        tbl.BorderStyle = BorderStyle.Inset
        tbl.BorderWidth = Unit.Pixel(1)
    End Sub

    Private Sub cmdCreate_Click(sender As Object, e As EventArgs) Handles cmdCreate.Click
        tbl.Controls.Clear()
        Dim row, col As Integer
        For row = 0 To Val(txtRows.Text - 1)
            Dim rowNew As New TableRow()
            tbl.Controls.Add(rowNew)
            For col = 0 To Val(txtCols.Text - 1)
                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
                rowNew.Controls.Add(cellNew)
            Next
        Next
    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 (1,0)	Example Cell (1,1)	Example Cell (1,2)