

Name:Shahzaib khan

Lab 9 Report:

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>Dynamic Table Generator</title>
```

```
  <style type="text/css">
```

```
    table {  
      border-collapse: collapse;  
      margin-top: 20px;  
    }
```

```
    table, th, td {  
      border: 1px solid red;  
      padding: 8px;  
    }
```

```
    .last-row {  
      background-color: grey;  
    }
```

```
    .controls {  
      margin-bottom: 20px;  
    }
```

```
  </style>
```

```
</head>
```

```
<body>
```

```
  <form id="form1" runat="server">
```

```
    <div class="controls">
```

```
      <asp:Label ID="lblRows" runat="server" Text="Number of Rows:"></asp:Label>
```

```
      <asp:DropDownList ID="ddlRows" runat="server"></asp:DropDownList>
```

```
      <asp:Label ID="lblColumns" runat="server" Text="Number of Columns:"></asp:Label>
```

```
      <asp:DropDownList ID="ddlColumns" runat="server"></asp:DropDownList>
```

```
      <asp:Button ID="btnGenerate" runat="server" Text="Generate Table" />
```

```

</div>

<asp:Table ID="tblDynamic" runat="server" BorderWidth="1"></asp:Table>
</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 System.EventArgs) Handles Me.Load
If Not IsPostBack Then

```

    For i As Integer = 1 To 10
        ddlRows.Items.Add(New ListItem(i.ToString(), i.ToString()))
        ddlColumns.Items.Add(New ListItem(i.ToString(), i.ToString()))
    Next
End If
End Sub

```

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

```

    Dim rows As Integer = Integer.Parse(ddlRows.SelectedValue)
    Dim cols As Integer = Integer.Parse(ddlColumns.SelectedValue)

```

```
tblDynamic.Rows.Clear()
```

```

Dim headerRow As New TableHeaderRow()
For c As Integer = 1 To cols
    headerRow.Cells.Add(New TableHeaderCell() With {.Text = "Column " & c})
Next
tblDynamic.Rows.Add(headerRow)

```

```

For r As Integer = 1 To rows
    Dim row As New TableRow()

```

```

    Dim langCell As New TableCell()
    Dim langDropDown As New DropDownList()
    langDropDown.Items.Add("Urdu")
    langDropDown.Items.Add("English")
    langDropDown.Items.Add("Arabic")
    langDropDown.Items.Add("Chinese")
    langCell.Controls.Add(langDropDown)
    row.Cells.Add(langCell)

```

```

For c As Integer = 2 To cols
    row.Cells.Add(New TableCell() With {.Text = "{" & r & ", " & c & "}")
Next

    tblDynamic.Rows.Add(row)
Next

' Add last row with radio buttons
Dim lastRow As New TableRow() With {.CssClass = "last-row"}
For c As Integer = 1 To cols
    Dim radioCell As New TableCell()
    Dim radioList As New RadioButtonList()
    radioList.RepeatDirection = RepeatDirection.Horizontal
    radioList.Items.Add("1")
    radioList.Items.Add("2")
    radioList.Items.Add("3")
    radioList.Items.Add("4")
    radioCell.Controls.Add(radioList)
    lastRow.Cells.Add(radioCell)
Next
tblDynamic.Rows.Add(lastRow)
End Sub
End Class

```