

DEPARTMENT OF COMPUTER & INFORMATION SCIENCES

# INTERNET APPLICATION DEVELOPMENT LAB 09

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## PageList.aspx

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

<!DOCTYPE html>
<html xmlns="http://www.w3.org/1999/xhtml">
<head>
    <title>Programming Language Intro</title>
</head>
<body>
    <form id="form1" runat="server">
        <div>
            <asp:ListBox ID="ListBox1" runat="server" AutoPostBack="True"
OnSelectedIndexChanged="ListBox1_SelectedIndexChanged">
                <asp:ListItem>Java</asp:ListItem>
                <asp:ListItem>JavaScript</asp:ListItem>
                <asp:ListItem>C#</asp:ListItem>
                <asp:ListItem>C++</asp:ListItem>
                <asp:ListItem>C</asp:ListItem>
                <asp:ListItem>Python</asp:ListItem>
                <asp:ListItem>SQL</asp:ListItem>
                <asp:ListItem>HTML</asp:ListItem>
                <asp:ListItem>CSS</asp:ListItem>
                <asp:ListItem>PHP</asp:ListItem>
            </asp:ListBox>
            <br /><br />
            <asp:Label ID="Label1" runat="server" Text="Please select a programming
language." />
        </div>
    </form>
</body>

</html>
```

## PageList.aspx.vb

```
Partial Public Class PageList
    Inherits System.Web.UI.Page
    Protected Sub ListBox1_SelectedIndexChanged(sender As Object, e As EventArgs)
Handles ListBox1.SelectedIndexChanged
        Dim selectedLang As String = ListBox1.SelectedItem.Text
        Dim introText As String = ""

        Select Case selectedLang
            Case "Java"
                introText = "Java is a versatile, object-oriented programming
language used for cross-platform applications."
            Case "JavaScript"
                introText = "JavaScript is a lightweight scripting language used
mainly for enhancing interactivity in web pages."
            Case "C#"
                introText = "C# is a modern, object-oriented language developed by
Microsoft for .NET applications."
            Case "C++"
                introText = "C++ is a powerful extension of C that supports object-
oriented and low-level programming."
```

```

        Case "C"
            introText = "C is a foundational procedural language known for its
performance and low-level memory access."
        Case "Python"
            introText = "Python is a high-level, interpreted language known for
its simplicity and wide range of libraries."
        Case "SQL"
            introText = "SQL is used to manage and manipulate relational
databases using structured queries."
        Case "HTML"
            introText = "HTML is the standard markup language used for creating
web pages and web applications."
        Case "CSS"
            introText = "CSS is used to control the presentation and layout of
HTML elements on web pages."
        Case "PHP"
            introText = "PHP is a server-side scripting language widely used for
developing dynamic web pages."
        Case Else
            introText = "Please select a valid programming language."
    End Select

    Label1.Text = introText
End Sub
End Class

```

## TableGenerator.aspx

```

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

<!DOCTYPE html>
<html xmlns="http://www.w3.org/1999/xhtml">
<head runat="server">
    <title>Dynamic Table Generator</title>
    <style>
        table, th, td {
            border: 1px solid red;
            border-collapse: collapse;
            padding: 5px;
            text-align: center;
        }
    </style>
</head>
<body>
    <form id="form1" runat="server">
        <div>
            Rows:
            <asp:DropDownList ID="ddlRows" runat="server"></asp:DropDownList>
            Columns:
            <asp:DropDownList ID="ddlCols" runat="server"></asp:DropDownList>
            <asp:Button ID="btnGenerate" runat="server" Text="Generate Table"
OnClick="btnGenerate_Click" />
            <br /><br />
            <asp:Placeholder ID="phTable" runat="server"></asp:Placeholder>
        </div>
    </form>

```

```
</body>
</html>
```

## TableGenerator.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
            For i As Integer = 1 To 10
                ddlRows.Items.Add(i.ToString())
                ddlCols.Items.Add(i.ToString())
            Next
        End If
    End Sub

    Protected Sub btnGenerate_Click(ByVal sender As Object, ByVal e As EventArgs)
        Dim x As Integer = Integer.Parse(ddlRows.SelectedValue)
        Dim y As Integer = Integer.Parse(ddlCols.SelectedValue)

        Dim tbl As New Table()
        tbl.BorderStyle = BorderStyle.Solid
        tbl.BorderWidth = Unit.Pixel(1)
        tbl.BorderColor = Drawing.Color.Red

        For i As Integer = 1 To x
            Dim row As New TableRow()

            For j As Integer = 1 To y
                Dim cell As New TableCell()

                If j = 1 Then
                    Dim ddlLang As New DropDownList()
                    ddlLang.Items.Add("Urdu")
                    ddlLang.Items.Add("English")
                    ddlLang.Items.Add("Arabic")
                    ddlLang.Items.Add("Chinese")
                    cell.Controls.Add(ddlLang)
                Else
                    If i = x Then
                        Dim rbl As New RadioButtonList()
                        rbl.RepeatDirection = RepeatDirection.Horizontal
                        rbl.Items.Add("1")
                        rbl.Items.Add("2")
                        rbl.Items.Add("3")
                        rbl.Items.Add("4")
                        cell.Controls.Add(rbl)
                        cell.BackColor = Drawing.Color.LightGray
                    Else
                        cell.Text = "{" & i.ToString() & "," & j.ToString() & "}"
                    End If
                End If
            Next j

            row.Cells.Add(cell)
        Next i
    End Sub
End Class
```

```
tbl.Rows.Add(row)
Next
phTable.Controls.Clear()
phTable.Controls.Add(tbl)
End Sub

End Class
```