

Question 1

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></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 />

    <asp:Label ID="Label1" runat="server" Text=""></asp:Label>

</div>

</form>

</body>

</html>

```

Default.aspx.vb

Partial Class _Default

Inherits System.Web.UI.Page

Protected Sub ListBox1_SelectedIndexChanged(ByVal sender As Object, ByVal e As EventArgs) Handles ListBox1.SelectedIndexChanged

```

    Dim descriptions As New Dictionary(Of String, String) From {

        {"Java", "Java is a high-level, class-based, object-oriented programming language."},

        {"JavaScript", "JavaScript is a versatile language primarily used for web
development."},

        {"C#", "C# is a modern, object-oriented programming language developed by
Microsoft."},

        {"C++", "C++ is an extension of C that includes object-oriented features."},

        {"C", "C is a general-purpose programming language that is extremely popular."},

        {"Python", "Python is an interpreted, high-level, general-purpose programming
language."},

        {"SQL", "SQL is a domain-specific language used in programming and designed for
managing data."},

```

```
        {"HTML", "HTML is the standard markup language for creating web pages."},  
        {"CSS", "CSS is a style sheet language used for describing the presentation of a  
document."},  
        {"PHP", "PHP is a popular general-purpose scripting language that is especially suited  
to web development."}  
    }
```

```
Dim selectedItem As String = ListBox1.SelectedItem.Text  
If descriptions.ContainsKey(selectedItem) Then  
    Label1.Text = descriptions(selectedItem)  
Else  
    Label1.Text = ""  
End If  
End Sub  
  
End Class
```

Question 2

Default2.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></title>

</head>

<body>

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

    <div>

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

        <asp:ListItem Text="1" Value="1"></asp:ListItem>

        <asp:ListItem Text="2" Value="2"></asp:ListItem>

        <asp:ListItem Text="3" Value="3"></asp:ListItem>

        <asp:ListItem Text="4" Value="4"></asp:ListItem>

        <asp:ListItem Text="5" Value="5"></asp:ListItem>

      </asp:DropDownList>

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

        <asp:ListItem Text="1" Value="1"></asp:ListItem>

        <asp:ListItem Text="2" Value="2"></asp:ListItem>

        <asp:ListItem Text="3" Value="3"></asp:ListItem>

        <asp:ListItem Text="4" Value="4"></asp:ListItem>

        <asp:ListItem Text="5" Value="5"></asp:ListItem>

      </asp:DropDownList>

      <asp:Button ID="btnGenerate" runat="server" Text="Generate"
OnClick="btnGenerate_Click" />

      <br /><br />

      <asp:Placeholder ID="phTable" runat="server"></asp:Placeholder>

    </div>

  </form>

</body>
```

</html>

Default2.aspx.vb

Partial Class Default2

Inherits System.Web.UI.Page

Protected Sub btnGenerate_Click(ByVal sender As Object, ByVal e As EventArgs)

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

Dim columns As Integer = Integer.Parse(ddlColumns.SelectedValue)

Dim table As New Table()

table.BorderColor = System.Drawing.Color.Red

table.BorderWidth = 1

For i As Integer = 1 To rows

Dim row As New TableRow()

For j As Integer = 1 To columns

Dim cell As New TableCell()

If i = rows Then

Dim rbl As New RadioButtonList()

rbl.Items.Add(New ListItem("1"))

rbl.Items.Add(New ListItem("2"))

rbl.Items.Add(New ListItem("3"))

```
        rbl.Items.Add(New ListItem("4"))
        cell.Controls.Add(rbl)
        cell.BackColor = System.Drawing.Color.Gray
    ElseIf j = 1 Then
        Dim ddl As New DropDownList()
        ddl.Items.Add(New ListItem("Urdu"))
        ddl.Items.Add(New ListItem("English"))
        ddl.Items.Add(New ListItem("Arabic"))
        ddl.Items.Add(New ListItem("Chinese"))
        cell.Controls.Add(ddl)
    Else
        cell.Text = String.Format("{0},{1}", i, j)
    End If

    row.Cells.Add(cell)

Next

table.Rows.Add(row)

Next

phTable.Controls.Clear()
phTable.Controls.Add(table)

End Sub

End Class
```