Internet Application Development

Lab 04

Source Code

Default.aspx:

```
<%@ Page Language="VB" AutoEventWireup="false" CodeFile="Default.aspx.vb"
Inherits="CurrencyConverter" %>
<html xmlns="http://www.w3.org/1999/xhtml">
<head>
    <title>Lab 04</title>
    <style>body {
    font-family: Arial, sans-serif;
    margin: 0;
    padding: 0;
    background-color: #f0f0f0;
}
header {
    background-color: #343a40;
    color: #fff;
    padding: 20px 0;
    text-align: center;
}
.container {
    max-width: 600px;
    margin: 10px auto;
    padding: 20px;
    background-color: #f8f8f8;
    border: 1px solid #ddd;
    border-radius: 5px;
}

form {
    text-align: center;
}
.form-group {
    margin-bottom: 20px;
}
select{
    width: calc(80% - 20px);
    padding: 10px;
    margin:10px;
    border: 1px solid #ddd;
    border-radius: 5px;
}
label {
    display: block;
    text-align:left;
    margin-left:60px;
    margin-bottom: 5px;
}
```

```css
input {
    width: calc(80% - 20px);
    padding: 10px;
    margin:10px;
    border: 1px solid #ddd;
    border-radius: 5px;
}

button {
    display: block;
    width: calc(60% - 20px);
    padding: 10px;
    background-color: #007bff;
    color: #fff;
    border: none;
    border-radius: 5px;
    cursor: pointer;
    margin: 0 auto;
    transition: background-color 0.3s ease;
}

button:hover {
    background-color: #0056b3;
}
</style>
</head>
<body>
    <header>
        <h1>Currency Converter</h1>
    </header>
    <main>
        <div class="container">
            <form runat="server">
    <div>
        Convert:  
        <input type="text" ID="US" runat="server" />
          U.S. dollars to  
        <select ID="Currency" runat="server"></select>
        <br /><br />
        <input type="submit" value="OK" ID="Convert" runat="server" />
        <input type="submit" value="Show Graph" ID="ShowGraph" runat="server" />
        <br /><br />
        <img ID="Graph" src="" alt="Currency Graph" runat="server" class="fadeIn" />
        <br /><br />
        <p ID="Result" runat="server" class="fadeIn"></p>
    </div>
</form>
        </div>
    </main>
</body>
</html>
```

Default.aspx.vb:

```vbnet
Partial Public Class CurrencyConverter
```

```vb
    Inherits System.Web.UI.Page

    Protected Sub Page_Load(ByVal sender As Object, ByVal e As System.EventArgs) _
 Handles Me.Load
        If Me.IsPostBack = False Then
            Currency.Items.Add(New ListItem("Euros", "0.85"))
            Currency.Items.Add(New ListItem("Japanese Yen", "110.33"))
            Currency.Items.Add(New ListItem("Canadian Dollars", "1.2"))
            Graph.Visible = False
        End If
    End Sub

    Protected Sub Convert_ServerClick(ByVal sender As Object,
 ByVal e As System.EventArgs) Handles Convert.ServerClick
        Dim oldAmount As Double = Val(US.Value)
        Dim item As ListItem = Currency.Items(Currency.SelectedIndex)
        Dim newAmount As Double = oldAmount * Val(item.Value)
        Result.InnerText = oldAmount.ToString() & " U.S. dollars = "
        Result.InnerText &= newAmount.ToString() & " " & item.Text
    End Sub
    Protected Sub ShowGraph_ServerClick(ByVal sender As Object,
 ByVal e As System.EventArgs) Handles ShowGraph.ServerClick
        Graph.Src = "graphs/Pic" & Currency.SelectedIndex.ToString() & ".png"
        Graph.Visible = True
    End Sub
End Class
```