

Tutorial Website for Programming Language



INTERNET APPLICATION DEVELOPMENT

Project Report

Group Members

S. Abu Owais Bin Nasar B-10101086

Osama Ahmed B-10101082

Section B

Class

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Submitted to

Sir Zain Abbas

Department

Computer Science

Acknowledgment

“We are thankful to Almighty ALLAH for granting us the nerve, determination and intelligence to prepare this *Tutorial Website for Programming Language* successfully. We deeply acknowledge the encouragement of our parents, and siblings.”

“We would like to extend our thanks to Sir Zain Abbas for his valuable guidance, critical review and support in arranging stuff for the assignment”.

S. Abu Owais Bin Nasar
Osama Ahmed

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Tutorial Website for Programming Language

INTRODUCTION

In this User able to Learn Programming Online. This project helps beginner to learn the basis of programming language.

This project teach the basic level of following language

- ASP.net
- C#
- C Language
- Java

SCREENSHOT



GOAL

The aim of project "Tutorial Website for Programming Language" we try our best to help the beginner to learn all the basic level of programming.

SYSTEM REQUIREMENTS

Hardware requirements

- Processor : PENTIUM III 866 MHz
- RAM : 256 MB
- Hard disk : At least 100mb of hard disk free space
- Monitor
- Keyboard
- Mouse
-

Software Requirements

- Operating system : Windows

IMPLEMENTATION DETAILS

In this project we have used

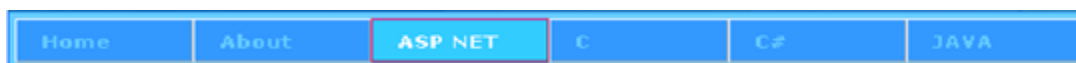
- Asp.Net
- C# Language
- Master Page
- Navigation
- *Ajax*
- *Cascaded Style Sheet (CSS)*
- *Validation*
- *Web User Control*

NAVIGATION BAR

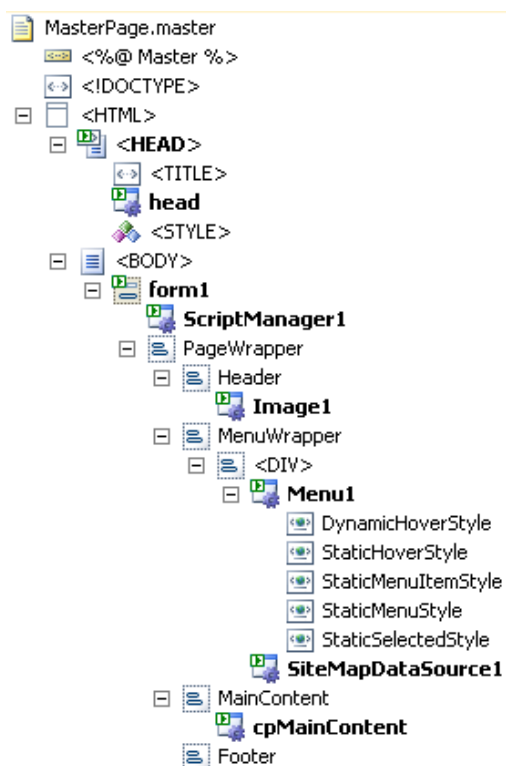
A set of buttons or images in a row or column that serves as a control point to link the user to sections on a Web site.

SITEMAP

A site map (or sitemap) is a list of pages of a web site accessible to crawlers or users. It can be either a document in any form used as a planning tool for Web design, or a Web page that lists the pages on a Web site, typically organized in hierarchical fashion.



MasterPage.master



ASP.NET master pages allow you to create a consistent layout for the pages in your application. A single master page defines the look and feel and standard behavior that you want for all of the pages (or a group of pages) in your application.

The MasterPage.master defines design structure of HomePage, About page, and Contact page. This master controlling the Ajax script, which implemented for contact page, it's allow the flicker free to the ContactForm.aspx page.

```

ASP_MasterPage.master
  <%@ Master %>
  <%@ Register %>
  <?> <!DOCTYPE>
  <HTML>
    <HEAD>
      <TITLE>
      head
      <STYLE>
      <link>
    <BODY>
      form1
        ScriptManager1
        PageWrapper
        Header
        Image1
        MenuWrapper
        <DIV>
          Menu1
            DynamicHoverStyle
            StaticHoverStyle
            StaticMenuItemStyle
            StaticMenuStyle
            StaticSelectedStyle
            SiteMapDataSource1
        working
        <TABLE>
          <TR>
            <TD>
              <DIV>
                Menu2
                  Items
                    asp:MenuItem
                    asp:MenuItem
                    asp:MenuItem
                    asp:MenuItem
                    asp:MenuItem
                    asp:MenuItem
                    asp:MenuItem
                    StaticMenuItemStyle
              <TD>
                <DIV>
                  Image2
                <TR>
                  <TD>
                  <TD>
                    MainContent
                    cpMainContent
                    <P>
            <P>
            compiler
            <P>
            http://www.w3schools.com/aspnet/showasp.aspx?filename=demo_pageload
          Improve
            Improveform1
            Footer

```

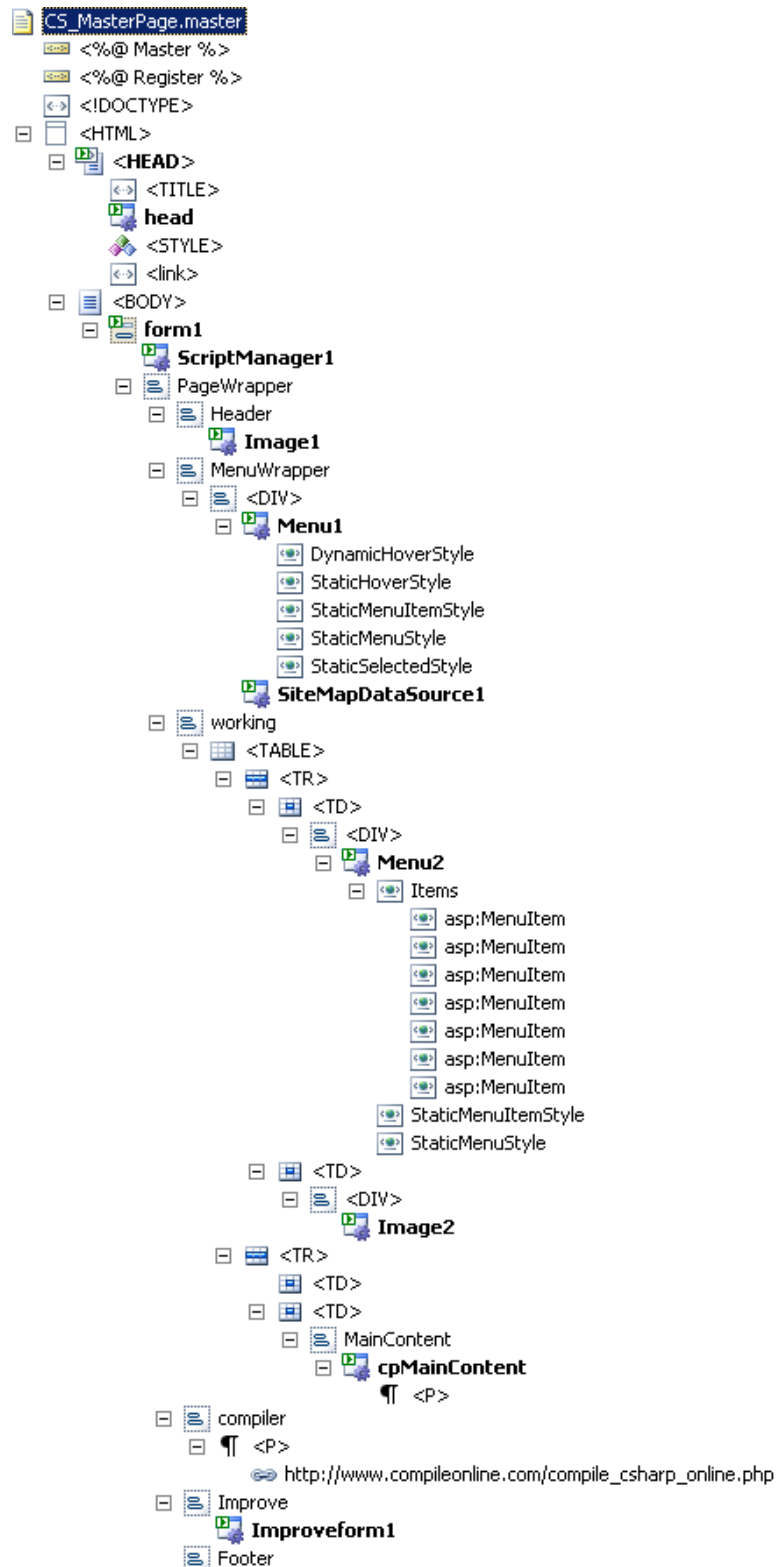
For Styling, we have also used CSS file its give the style to body, h1, h3, p, and pre.

SCREENSHOT

<ul style="list-style-type: none"> Introduction Tags Basic Controls First Page Built Master page Validator Ajax 	
	<p>Microsoft ASP.net</p> <p>ASP.NET is built on the .NET framework, which provides an application program interface API for software programmers. The .NET development tools can be used to create applications for both the Windows operating system and the Web. Programs like Visual Studio .NET provide a visual interface for developers to create their applications, which makes .NET a reasonable choice for designing Web-based interfaces as well.</p> <p>ASP.NET is built on the .NET framework, which provides an application program interface API for software programmers. The .NET development tools can be used to create applications for both the Windows operating system and the Web. Programs like Visual Studio .NET provide a visual interface for developers to create their applications, which makes .NET a reasonable choice for designing Web-based interfaces as well.</p> <p>In order for an ASP.NET website to function correctly, it must be published to a Web server that supports ASP.NET applications. Microsoft's Internet Information Services (IIS) Web server is by far the most common platform for ASP.NET websites. While there are some open-source options available for Linux-based systems, these alternatives often provide less than full support for ASP.NET applications.</p> <p>Asp.net Online Compiler Try it</p> <p><i>Feedback Us for More Improvement</i></p> <p>Name <input type="text"/></p> <p>E-mail address <input type="text"/></p> <p>Comments <input type="text"/></p> <p><input type="button" value="Send"/></p> <p>All Rights Reserved</p>

This is view of default.aspx, which inherit from ASP_MasterPage.aspx. This page allow to access to view all the tutorial materials of ASP.net programming language. It also contains the Feedback control. By using Feedback Control user can send feedback to us for more improvement of this page, or may facing error or not able to open the website.

CS_MasterPage.master



The CS_MasterPage.master defines design structure of Introduction.aspx, Basic Syntax.aspx, Condition.aspx, Data typet.aspx, Default.aspx, Intr to OOP.aspx, Loop.aspx, and Operator.aspx.

This master controlling the Ajax script manager, which implemented for improve.aspx page, it's allow the flicker free to the improve.aspx page.

It contains the Menu feature also. By using Menu controls user can access to the tutorial materials.

For Styling, we have also used CSS file its give the style to body, h1, h3, p, and pre.

SCREENSHOT

PROGRAMMING LANGUAGE C# C Java ASP.net
Tutorial website

Home About ASP.NET C C# JAVA

Introduction
Basic Syntax
Data Type
Loop
Condition
Operator
Intro to OOP

C# Programming

C# (pronounced "C Sharp") is a programming language developed by Microsoft. It was introduced in 2002 with version 1.0 of Microsoft's .NET Framework. Since then, C# has gone through several revisions, corresponding with each .NET update. Today, it is one of the most popular programming languages for creating Windows programs and web applications.

C# is a derivative of the C programming language and is similar to C++. It uses the same basic operators as C++, is object oriented, case sensitive, and has nearly identical syntax.

However, there are several differences between C# and C++.

Below are just a few examples:

- Arrays in C++ are pointers, while in C#, they are objects that may include methods and properties.
- The bool (boolean) data type is not recognized as an integer as it is in C++.
- The keywords typedef, extern, and static all have different meanings in C# than they do in C++.
- C# switch statements do not support fall-through from one case to another.
- Global methods and variables are not supported in C#, while they are in C++.

Most importantly, C# is designed specifically for Microsoft's .NET Framework. This allows developers to take advantage of all the features offered by the .NET API. However, it also means C# applications can only run on platforms that support .NET runtime, such as Windows, Windows Server, and Windows Phone. In order for programs written in C# to run on other platforms, the code must be compiled using a conversion tool like Microsoft .NET Native.

NOTE: The name "C#" comes from the musical note "C#," implying it is a step up from the original version of C. The # symbol is also comprised of four plus signs, which may imply C# is more advanced than C++ as well.

[C# Online Compiler Try it](#)

Feedback Us for More Improvement

Name

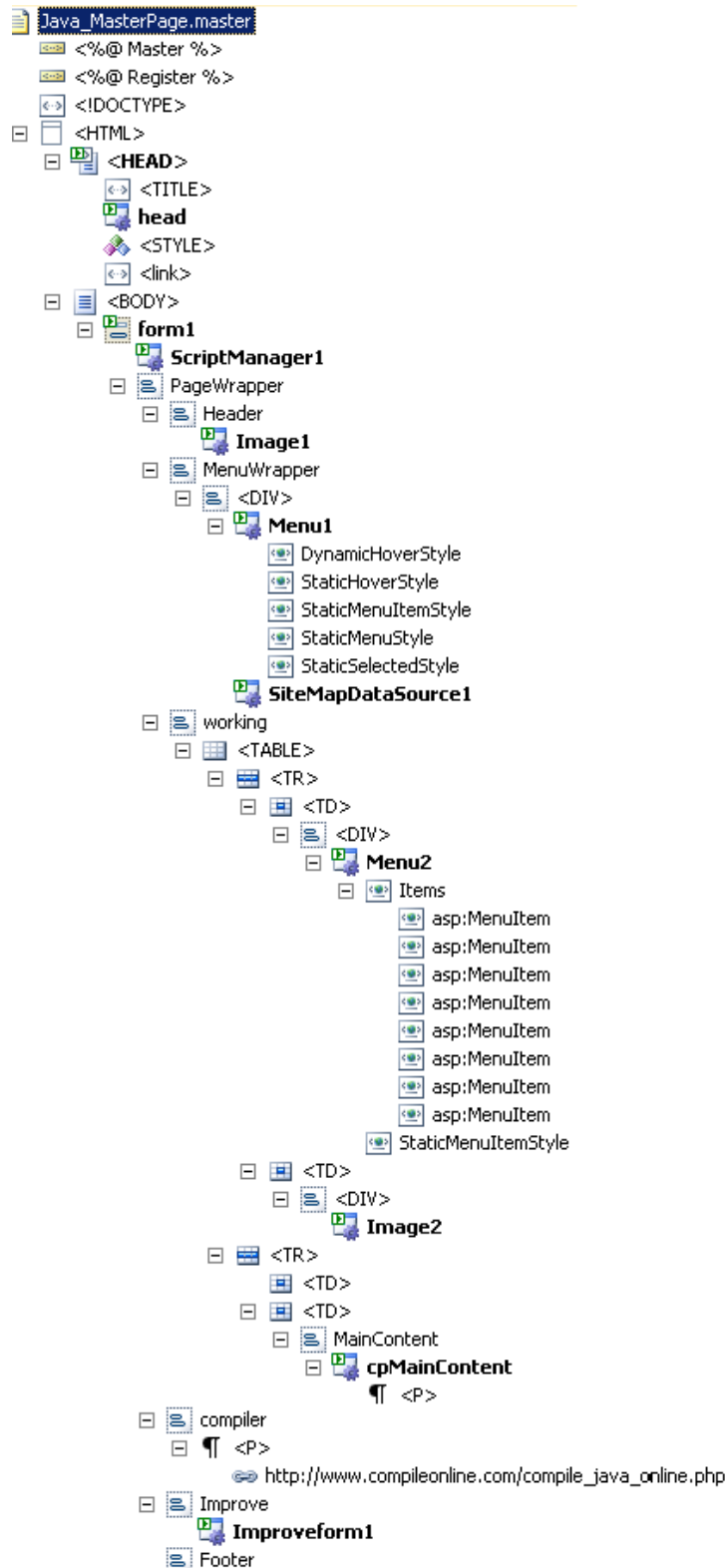
E-mail address

Comments

All Rights Reserved

This is view of default.aspx, which inherit from CS_MasterPage.aspx. This page allow to access to view all the tutorial materials of C# programming language. It also contains the Feedback control. By using Feedback Control user can send feedback to us for more improvement of this page, or may facing error or not able to open the website.

C_MasterPage.master



The C_MasterPage.master page contains the design structure Introduction.aspx, Basic Syntax.aspx, Condition.aspx, Data type.aspx, Default.aspx, file.aspx, Loop.aspx, and Operator.aspx, and all the controls.

From this page, we can change the design page any page, which are inherited from this master page.

Web User Control also used in this page. By this Web User Control (Improve.ascx) user can feedback us more improvement of this project.

It contains the Menu feature also. By using Menu controls user can access to the tutorial materials.

For Styling, we have also used CSS file its give the style to body, h1, h3, p, and pre.

SCREENSHOT

PROGRAMMING LANGUAGE C# C Java ASP.net
Tutorial website

Home About ASP.NET C C# JAVA

Introduction
Basic Syntax
Data Type
Condition
Loop
Operator
File

The C Programming Language

C is a high-level programming language that was developed in the mid-1970s. It was originally used for writing Unix programs, but is now used to write applications for nearly every available platform. Compared to most previous languages, C is easier to read, more flexible (can be used for a wide variety of purposes), and more efficient at using memory.

C++, pronounced "C plus plus," is a programming language that was built off the C language. The syntax of C++ is nearly identical to C, but it has object-oriented features, which allow the programmer to create objects within the code. This makes programming easier, more efficient, and some would even say, more fun. Because of the power and flexibility of the language, most software programs today are written in C++.

C Online Compiler [Try it](#)

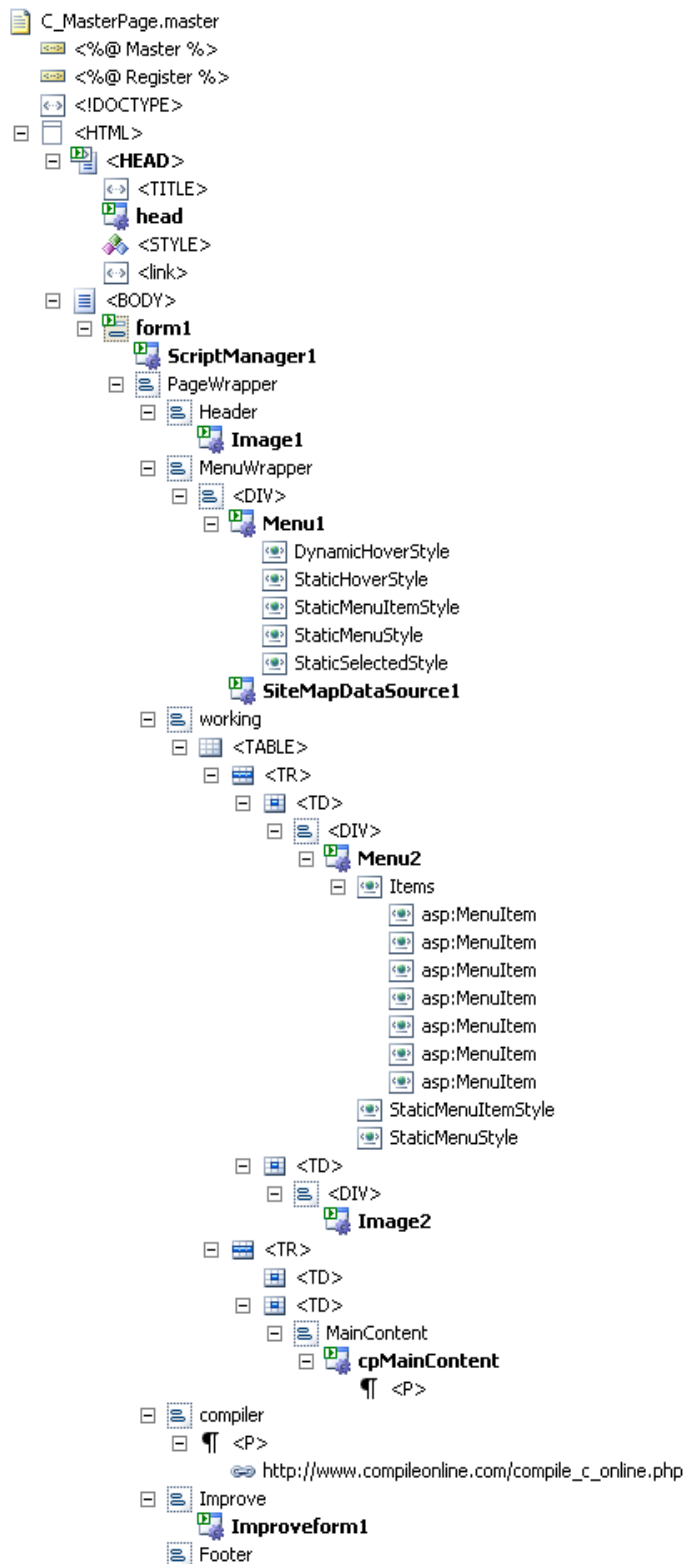
Feedback Us for More Improvement

Name
E-mail address
Comments

All Rights Reserved

This is view of default.aspx, which inherit from C_MasterPage.aspx. This page allow to access to view all the tutorial materials of C programming language. It also contains the Feedback control. By using Feedback Control user can send feedback to us for more improvement of this page, or may facing error or not able to open the website.

JAVA_MasterPage.master



The CS_MasterPage.master defines design structure of Introduction.aspx, Basic Syntax.aspx, Condition.aspx, Data type.aspx, Default.aspx, Intr to OOP.aspx, Loop.aspx, file.aspx and Operator.aspx.

This master controlling the Ajax script manager, which implemented for improve.aspx page, it's allow the flicker free to the improve.aspx page.

It contains the Menu feature also. By using Menu controls user can access to the tutorial materials.

For Styling, we have also used CSS file its give the style to body, h1, h3, p, and pre.

SCREENSHOT

PROGRAMMING LANGUAGE C# C Java ASP.net
Tutorial website

Home About ASP.NET C C# **JAVA**

Introduction
Basic Syntax
Data type
Condition
Operator
Loop
File
Intro to OOP



Java is a high-level programming language developed by Sun Microsystems. It was originally designed for developing programs for set-top boxes and handheld devices, but later became a popular choice for creating web applications.

The Java syntax is similar to C++, but is strictly an object-oriented programming language. For example, most Java programs contain classes, which are used to define objects, and methods, which are assigned to individual classes. Java is also known for being more strict than C++, meaning variables and functions must be explicitly defined. This means Java source code may produce errors or "exceptions" more easily than other languages, but it also limits other types of errors that may be caused by undefined variables or unassigned types.

Unlike Windows executables (.EXE files) or Macintosh applications (.APP files), Java programs are not run directly by the operating system. Instead, Java programs are interpreted by the Java Virtual Machine, or JVM, which runs on multiple platforms. This means all Java programs are multiplatform and can run on different platforms, including Macintosh, Windows, and Unix computers. However, the JVM must be installed for Java applications or applets to run at all. Fortunately, the JVM is included as part of the Java Runtime Environment (JRE), which is available as a free download.

Java Online Compiler [Try it](#)

Feedback Us for More Improvement

Name
E-mail address
Comments

All Rights Reserved

This is view of default.aspx, which inherit from Java_MasterPage.aspx. This page allow to access to view all the tutorial materials of Java programming language. It also contains the Feedback control. By using Feedback Control user can send feedback to us for more improvement of this page, or may facing error or not able to open the website.

SOURCE CODE**MasterPage.master**

```

<%@ Master Language="C#" AutoEventWireup="true" CodeFile="MasterPage.master.cs" Inherits="MasterPage" %>

<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN" "http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">

<html xmlns="http://www.w3.org/1999/xhtml">
<head runat="server">
    <title></title>
    <asp:ContentPlaceHolder id="head" runat="server">
    </asp:ContentPlaceHolder>
    <style type="text/css">
        #Header
        {
            height: 170px;
            margin-left: 200px;
        }
    </style>
</head>
<body>
    <form id="form1" runat="server">
        <asp:ScriptManager ID="ScriptManager1" runat="server" EnablePageMethods="True">
        </asp:ScriptManager>
        <div id="PageWrapper">
            <div id="Header">
                <asp:Image ID="Image1" runat="server" Height="169px"
                    ImageUrl="~/Header.jpg" Width="846px" />
            </div>
            <div id="MenuWrapper" >

                <div style="margin-left: 200px">
                    <asp:Menu ID="Menu1" runat="server" DataSourceID="SiteMapDataSource1"
                        BackColor="Red" Font-Bold="True" Font-Underline="True" ForeColor="#CC0000"
                        Orientation="Horizontal" ScrollDownImageUrl="~/bg2.jpg"
                        StaticPopOutImageUrl="~/bg2.jpg">
                        <DynamicHoverStyle BackColor="#66FFFF" ForeColor="Black" />
                        <StaticHoverStyle BackColor="Black" BorderColor="White" Font-Underline="True"
                            ForeColor="White" />
                        <StaticMenuItemStyle BackColor="#3399FF" BorderColor="White"
                            BorderStyle="Outset" BorderWidth="2px" ForeColor="#66CCFF"
                            HorizontalPadding="20px" ItemSpacing="50px" VerticalPadding="10px"
                            Width="100px" />
                        <StaticMenuStyle BackColor="#66CCFF" BorderColor="#0066FF" BorderWidth="2px"
                            HorizontalPadding="5px" VerticalPadding="5px" />
                        <StaticSelectedStyle BackColor="#33CCFF" BorderColor="#FF0066"
                            ForeColor="White" />
                    </asp:Menu>
                    <asp:SiteMapDataSource ID="SiteMapDataSource1" runat="server"
                        ShowStartingNode="False" />

                </div>
            </div>
            <div id="MainContent">
                <asp:ContentPlaceHolder ID="cpMainContent" runat="server">
                </asp:ContentPlaceHolder>
            </div>
            <div id="Footer" align="center" >All Rights Reserved</div>
        </div>
    </form>
</body>
</html>

```

ASP_MasterPage.aspx

```

<%@ Master Language="C#" AutoEventWireup="true" CodeFile="ASP_MasterPage.master.cs" Inherits="ASP_MasterPage" %>
<%@ Register src="~/Controls/improveControl.ascx" tagname="Improveform" tagprefix="uc1" %>
<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN" "http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">

<html xmlns="http://www.w3.org/1999/xhtml">
<head id="Head1" runat="server">
    <title></title>
    <asp:ContentPlaceHolder id="head" runat="server">
    </asp:ContentPlaceHolder>
    <style type="text/css">
        .style2
        {
            width: 196px;
        }
        #Footer
        {
            width: 1262px;
        }
        .style3
        {
            width: 269px;
        }
    </style>
</head>
<body>
    <div id="uc1" runat="server">
        <uc1:Improveform ID="Improveform1" runat="server">
        </uc1:Improveform>
    </div>
    <div id="Footer" align="center">
        <asp:PageFooter ID="PageFooter1" runat="server">
        </asp:PageFooter>
    </div>
</body>
</html>

```

```

        height: 187px;
    }
    .style4
    {
        width: 269px;
        height: 211px;
    }
    .style5
    {
        height: 211px;
    }
    .style6
    {
        height: 187px;
    }
    #Improve
    {
        margin-left: 200px;
    }
</style>
<link href="StyleSheet.css" rel="stylesheet" type="text/css" />
</head>
<body>
    <form id="form1" runat="server">
        <asp:ScriptManager ID="ScriptManager1" runat="server" EnablePageMethods="True">
        </asp:ScriptManager>
    <div id="PageWrapper">
    <div id="Header" style="margin-left: 200px">
        <asp:Image ID="Image1" runat="server" Height="169px"
            ImageUrl="~/Header.jpg" Width="846px" />
    </div>
    <div id="MenuWrapper" >

    <div style="margin-left: 200px">
        <asp:Menu ID="Menu1" runat="server" DataSourceID="SiteMapDataSource1"
            BackColor="Red" Font-Bold="True" Font-Underline="True" ForeColor="#CC0000"
            Orientation="Horizontal" ScrollDownImageUrl="~/bg2.jpg"
            StaticPopOutImageUrl="~/bg2.jpg">
            <DynamicHoverStyle BackColor="#66FFFF" ForeColor="Black" />
            <StaticHoverStyle BackColor="Black" BorderColor="White" Font-Underline="True"
                ForeColor="White" />
            <StaticMenuItemStyle BackColor="#3399FF" BorderColor="White"
                BorderStyle="Outset" BorderWidth="2px" ForeColor="#66CCFF"
                HorizontalPadding="20px" ItemSpacing="50px" VerticalPadding="10px"
                Width="100px" />
            <StaticMenuStyle BackColor="#66CCFF" BorderColor="#0066FF" BorderWidth="2px"
                HorizontalPadding="5px" VerticalPadding="5px" />
            <StaticSelectedStyle BackColor="#33CCFF" BorderColor="FF0066"
                ForeColor="White" />
        </asp:Menu>
        <asp:SiteMapDataSource ID="SiteMapDataSource1" runat="server"
            ShowStartingNode="False" />

    </div>
    </div>
    <div id="working">

        <table style="width:100%; height: 360px;">
            <tr>
                <td style="margin-left: 560px" class="style4">
                    <div style="border: thin outset #000000; height: 209px;">
                        <asp:Menu ID="Menu2" runat="server" ForeColor="Black">
                            <Items>
                                <asp:MenuItem NavigateUrl="~/ASP.NET/introduction.aspx" Text="Introduction"
                                    Value="Introduction"></asp:MenuItem>
                                <asp:MenuItem NavigateUrl="~/ASP.NET/Tags.aspx" Text="Tags" Value="Tags">
                                </asp:MenuItem>
                                <asp:MenuItem NavigateUrl="~/ASP.NET/Basic Syntax.aspx" Text="Basic Controls"
                                    Value="Basic Syntax"></asp:MenuItem>
                                <asp:MenuItem NavigateUrl="~/ASP.NET/First Page.aspx" Text="First Page"
                                    Value="First Page"></asp:MenuItem>
                                <asp:MenuItem NavigateUrl="~/ASP.NET/Built Master Page.aspx"
                                    Text="Built Master page" Value="Built Master page"></asp:MenuItem>
                                <asp:MenuItem NavigateUrl="~/ASP.NET/Validator.aspx" Text="Validator"
                                    Value="Validator"></asp:MenuItem>
                                <asp:MenuItem NavigateUrl="~/ASP.NET/Ajax.aspx" Text="Ajax" Value="Ajax">
                                </asp:MenuItem>
                            </Items>
                        <StaticMenuItemStyle Height="30px" HorizontalPadding="30px" />
                    </asp:Menu>
                </div>
            </td>
            <td class="style5">
                <div style="border: thin outset #000000; height: 209px;">
                    <asp:Image ID="Image2" runat="server" Height="209px" ImageUrl="~/Images/asp.jpg"

```


[illegible]

CS_MasterPage.aspx

```
<%@ Master Language="C#" AutoEventWireup="true" CodeFile="CS_MasterPage.master.cs" Inherits="CS_MasterPage" %>
<%@ Register src="~/Controls/improveControl.ascx" tagName="Improveform" tagprefix="uc1" %>
<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN" "http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">

<html xmlns="http://www.w3.org/1999/xhtml">
<head id="Head1" runat="server">
    <title></title>
    <asp:ContentPlaceHolder id="head" runat="server">
    </asp:ContentPlaceHolder>
    <style type="text/css">
        .style2
        {
            width: 192px;
        }
        #Improve
        {
            margin-left: 160px;
        }
    </style>
    <link href="StyleSheet.css" rel="stylesheet" type="text/css" />
</head>
<body>
    <form id="form1" runat="server">
        <asp:ScriptManager ID="ScriptManager1" runat="server" EnablePageMethods="True">
        </asp:ScriptManager>
    <div id="PageWrapper">
    <div id="Header" style="margin-left: 200px">
        <asp:Image ID="Image1" runat="server" Height="169px"
            ImageUrl="~/Header.jpg" Width="846px" />
    </div>
    <div id="MenuWrapper" >

        <div style="margin-left: 200px">
            <asp:Menu ID="Menu1" runat="server" DataSourceID="SiteMapDataSource1"
                BackColor="Red" Font-Bold="True" Font-Underline="True" ForeColor="#CC0000"
                Orientation="Horizontal" ScrollDownImageUrl="~/bg2.jpg"
                StaticPopOutImageUrl="~/bg2.jpg">
                <DynamicHoverStyle BackColor="#66FFFF" ForeColor="Black" />
                <StaticHoverStyle BackColor="Black" BorderColor="White" Font-Underline="True"
                    ForeColor="White" />
                <StaticMenuItemStyle BackColor="#3399FF" BorderColor="White"
                    BorderStyle="Outset" BorderWidth="2px" ForeColor="#66CCFF"
                    HorizontalPadding="20px" ItemSpacing="50px" VerticalPadding="10px"
                    Width="100px" />
                <StaticMenuStyle BackColor="#66CCFF" BorderColor="#0066FF" BorderWidth="2px"
                    HorizontalPadding="5px" VerticalPadding="5px" />
                <StaticSelectedStyle BackColor="#33CCFF" BorderColor="#FF0066"

```

```

        ForeColor="White" />
    </asp:Menu>
    <asp:SiteMapDataSource ID="SiteMapDataSource1" runat="server"
        ShowStartingNode="False" />

</div>
</div>
<div id="working">

    <table style="width:100%;">

        <tr>

            <td class="style2">
                <div style="border: thin outset #000000;">

                    <asp:Menu ID="Menu2" runat="server" ForeColor="Black">
                        <Items>
                            <asp:MenuItem NavigateUrl="~/Csharp/Introduction.aspx" Text="Introduction"
                                Value="Introduction"></asp:MenuItem>
                            <asp:MenuItem NavigateUrl="~/Csharp/Basic Syntax.aspx" Text="Basic Syntax"
                                Value="Basic Syntax"></asp:MenuItem>
                            <asp:MenuItem NavigateUrl="~/Csharp/Data typet.aspx" Text="Data Type"
                                Value="Data Type"></asp:MenuItem>
                            <asp:MenuItem NavigateUrl="~/Csharp/Loop.aspx" Text="Loop" Value="Loop">
                                </asp:MenuItem>
                            <asp:MenuItem NavigateUrl="~/Csharp/Condition.aspx" Text="Condition"
                                Value="Condition"></asp:MenuItem>
                            <asp:MenuItem NavigateUrl="~/Csharp/Operator.aspx" Text="Operator"
                                Value="Operator"></asp:MenuItem>
                            <asp:MenuItem NavigateUrl="~/Csharp/Intr to OOP.aspx" Text="Intro to OOP"
                                Value="Intro to OOP"></asp:MenuItem>
                        </Items>
                        <StaticMenuItemStyle Height="30px" HorizontalPadding="30px" ItemSpacing="0px" />
                        <StaticMenuStyle VerticalPadding="0px" />
                    </asp:Menu>

                </div>
            </td>

            <td>
                <div style="border: thin outset #000000; height: 209px;">
                    <asp:Image ID="Image2" runat="server" Height="209px" ImageUrl="~/Images/csharp.jpg"
                        Width="1100px" />
                </div>
            </td>

        </tr>
        <tr>
            <td class="style2">

                </td>
            <td>
                <div id="MainContent">
                    <asp:ContentPlaceHolder ID="cpMainContent" runat="server">
                        <p style="height: 148px">
                            asdasdas
                        </p>
                    </asp:ContentPlaceHolder>
                </div>

            </td>

        </tr>
    </table>

</div>
<div id="compiler">
    <p style="margin-left: 160px">
        C# Online Compiler <a href="http://www.compileonline.com/compile_csharp_online.php">Try it </a>
    </p>
</div>
<div id="Improve">
    <uc1:Improveform ID="Improveform1" runat="server" />
</div>
<div id="Footer" align="center" >All Rights Reserved</div>

</form>
</body>
</html>

```

C_MasterPage.aspx

```

<%@ Master Language="C#" AutoEventWireup="true" CodeFile="C_MasterPage.master.cs" Inherits="C_MasterPage" %>
<%@ Register src="~/Controls/improveControl.ascx" tagname="Improveform" tagprefix="uc1" %>

<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN" "http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">

```

```

<html xmlns="http://www.w3.org/1999/xhtml">
<head id="Head1" runat="server">
  <title></title>
  <asp:ContentPlaceHolder id="head" runat="server">
  </asp:ContentPlaceHolder>
  <style type="text/css">
    .style2
    {
      width: 192px;
    }
    #Improve
    {
      margin-left: 160px;
    }
    .style3
    {
      width: 529px;
    }
  </style>
  <link href="StyleSheet.css" rel="stylesheet" type="text/css" />
</head>
<body>
  <form id="form1" runat="server">
    <asp:ScriptManager ID="ScriptManager1" runat="server" EnablePageMethods="True">
    </asp:ScriptManager>
  <div id="PageWrapper">
  <div id="Header" style="margin-left: 200px">
    <asp:Image ID="Image1" runat="server" Height="169px"
      ImageUrl="~/Header.jpg" Width="846px" />
  </div>
  <div id="MenuWrapper">

    <div style="margin-left: 200px">
      <asp:Menu ID="Menu1" runat="server" DataSourceID="SiteMapDataSource1"
        BackColor="Red" Font-Bold="True" Font-Underline="True" ForeColor="#CC0000"
        Orientation="Horizontal" ScrollDownImageUrl="~/bg2.jpg"
        StaticPopOutImageUrl="~/bg2.jpg">
        <DynamicHoverStyle BackColor="#66FFFF" ForeColor="Black" />
        <StaticHoverStyle BackColor="Black" BorderColor="White" Font-Underline="True"
          ForeColor="White" />
        <StaticMenuItemStyle BackColor="#3399FF" BorderColor="White"
          BorderStyle="Outset" BorderWidth="2px" ForeColor="#66CCFF"
          HorizontalPadding="20px" ItemSpacing="50px" VerticalPadding="10px"
          Width="100px" />
        <StaticMenuStyle BackColor="#66CCFF" BorderColor="#0066FF" BorderWidth="2px"
          HorizontalPadding="5px" VerticalPadding="5px" />
        <StaticSelectedStyle BackColor="#33CCFF" BorderColor="#FF0066"
          ForeColor="White" />
      </asp:Menu>
      <asp:SiteMapDataSource ID="SiteMapDataSource1" runat="server"
        ShowStartingNode="False" />

    </div>
  </div>
  <div id="working">

    <table style="width:100%;">

      <tr>
        <td class="style3">
          <div style="border: thin outset #000000;">

            <asp:Menu ID="Menu2" runat="server" ForeColor="Black">
              <Items>
                <asp:MenuItem NavigateUrl="~/C/Introduction.aspx" Text="Introduction"
                  Value="Introduction"></asp:MenuItem>
                <asp:MenuItem NavigateUrl="~/C/Basic Syntax.aspx" Text="Basic Syntax"
                  Value="Basic Syntax"></asp:MenuItem>
                <asp:MenuItem NavigateUrl="~/C/Data Type.aspx" Text="Data Type"
                  Value="Data Type"></asp:MenuItem>
                <asp:MenuItem NavigateUrl="~/C/Condition.aspx" Text="Condition"
                  Value="Condition"></asp:MenuItem>
                <asp:MenuItem NavigateUrl="~/C/Loop.aspx" Text="Loop" Value="Loop">
                </asp:MenuItem>
                <asp:MenuItem NavigateUrl="~/C/Operator.aspx" Text="Operator" Value="Operator">
                </asp:MenuItem>
                <asp:MenuItem NavigateUrl="~/C/File.aspx" Text="File" Value="File">
                </asp:MenuItem>
              </Items>
              <StaticMenuItemStyle Height="30px" HorizontalPadding="30px" ItemSpacing="0px" />
              <StaticMenuStyle VerticalPadding="0px" />
            </asp:Menu>
          </div>
        </td>
      </tr>
    </table>
  </div>
</body>
</html>

```

```

        </div>
      </td>
    <td>
      <div style="border: thin outset #000000; height: 209px;">
        <asp:Image ID="Image2" runat="server" Height="209px" ImageUrl="~/Images/c.jpg"
          Width="1100px" />
      </div>
    </td>
  </tr>
  <tr>
    <td class="style3">
      </td>
    <td>
      <div id="MainContent">
        <asp:ContentPlaceHolder ID="cpMainContent" runat="server">
          <p style="height: 148px">
            hello
          </p>
        </asp:ContentPlaceHolder>
      </div>
    </td>
  </tr>
</table>

</div>
<div id="compiler">
  <p style="margin-left: 160px">
    C Online Compiler <a href="http://www.compileonline.com/compile_c_online.php">Try it </a>
  </p>
</div>
<div id="Improve">
  <uc1:Improveform ID="Improveform1" runat="server" />
</div>
<div id="Footer" align="center" >All Rights Reserved</div>
</div>
</form>
</body>
</html>

```

JAVA_MasterPage.aspx

```

<%@ Master Language="C#" AutoEventWireup="true" CodeFile="Java_MasterPage.master.cs" Inherits="Java_MasterPage" %>
<%@ Register src="~/Controls/improveControl.ascx" tagname="Improveform" tagprefix="uc1" %>
<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN" "http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">

<html xmlns="http://www.w3.org/1999/xhtml">
<head id="Head1" runat="server">
  <title></title>
  <asp:ContentPlaceHolder id="head" runat="server">
    </asp:ContentPlaceHolder>
    <style type="text/css">
      .style2
      {
        width: 195px;
      }
      .style3
      {
        width: 195px;
        height: 234px;
      }
      .style4
      {
        height: 234px;
      }
      #Improve
      {
        margin-left: 160px;
      }
    </style>
    <link href="StyleSheet.css" rel="stylesheet" type="text/css" />
  </head>
<body>
  <form id="form1" runat="server">
    <asp:ScriptManager ID="ScriptManager1" runat="server" EnablePageMethods="True">
    </asp:ScriptManager>
    <div id="PageWrapper">
    <div id="Header" style="margin-left: 200px">
      <asp:Image ID="Image1" runat="server" Height="169px"
        ImageUrl="~/Header.jpg" Width="846px" />
    </div>
    <div id="MenuWrapper" >

```

```

<div style="margin-left: 200px">
  <asp:Menu ID="Menu1" runat="server" DataSourceID="SiteMapDataSource1"
    BackColor="Red" Font-Bold="True" Font-Underline="True" ForeColor="#CC0000"
    Orientation="Horizontal" ScrollDownImageUrl="~/bg2.jpg"
    StaticPopOutImageUrl="~/bg2.jpg">
    <DynamicHoverStyle BackColor="#66FFFF" ForeColor="Black" />
    <StaticHoverStyle BackColor="Black" BorderColor="White" Font-Underline="True"
      ForeColor="White" />
    <StaticMenuItemStyle BackColor="#3399FF" BorderColor="White"
      BorderStyle="Outset" BorderWidth="2px" ForeColor="#66CCFF"
      HorizontalPadding="20px" ItemSpacing="50px" VerticalPadding="10px"
      Width="100px" />
    <StaticMenuStyle BackColor="#66CCFF" BorderColor="#0066FF" BorderWidth="2px"
      HorizontalPadding="5px" VerticalPadding="5px" />
    <StaticSelectedStyle BackColor="#33CCFF" BorderColor="#FF0066"
      ForeColor="White" />
  </asp:Menu>
  <asp:SiteMapDataSource ID="SiteMapDataSource1" runat="server"
    ShowStartingNode="False" />

</div>
</div>
<div id="working">

  <table style="width:100%;">
    <tr>
      <td class="style3">
        <div style="border: thin outset #000000; ">

          <asp:Menu ID="Menu2" runat="server" ForeColor="Black">
            <Items>
              <asp:MenuItem NavigateUrl="~/Java/Introduction.aspx" Text="Introduction"
                Value="Introduction"></asp:MenuItem>
              <asp:MenuItem NavigateUrl="~/Java/Basic Syntax.aspx" Text="Basic Syntax"
                Value="Basic Syntax"></asp:MenuItem>
              <asp:MenuItem NavigateUrl="~/Java/Data Type.aspx" Text="Data type"
                Value="Data type"></asp:MenuItem>
              <asp:MenuItem NavigateUrl="~/Java/Condition.aspx" Text="Condition"
                Value="Condition"></asp:MenuItem>
              <asp:MenuItem NavigateUrl="~/Java/Operator.aspx" Text="Operator"
                Value="Operator"></asp:MenuItem>
              <asp:MenuItem NavigateUrl="~/Java/Loop.aspx" Text="Loop" Value="Loop">
                </asp:MenuItem>
              <asp:MenuItem NavigateUrl="~/Java/File.aspx" Text="File" Value="File">
                </asp:MenuItem>
              <asp:MenuItem NavigateUrl="~/Java/Intro to OOP.aspx" Text="Intro to OOP"
                Value="Intro to OOP"></asp:MenuItem>
            </Items>
            <StaticMenuItemStyle Height="30px" HorizontalPadding="30px" />
          </asp:Menu>

        </div>
      </td>
      <td class="style4">
        <div style="border: thin outset #000000; height: 234px;">
          <asp:Image ID="Image2" runat="server" Height="234px" ImageUrl="~/Images/java.jpg"
            Width="1100px" />
        </div>
      </td>
    </tr>
    <tr>
      <td class="style2">

      </td>
      <td>
        <div id="MainContent">
          <asp:ContentPlaceHolder ID="cpMainContent" runat="server">
            <p>
              PUBLIC ASP KA AREA</p>
          </asp:ContentPlaceHolder>
        </div>

      </td>
    </tr>
  </table>

</div>
<div id="compiler">
  <p style="margin-left: 160px">
    Java Online Compiler <a href="http://www.compileonline.com/compile_java_online.php">Try it </a>
  </p>
</div>

```

```

    <div id="Improve">
    <uc1:Improveform ID="Improveform1" runat="server" />
    </div>
    <div id="Footer" align="center" >All Rights Reserved</div>
    </div>
    </form>
    </body>
    </html>

```

Web.sitemap

```

<?xml version="1.0" encoding="utf-8" ?>
<siteMap xmlns="http://schemas.microsoft.com/AspNet/SiteMap-File-1.0" >
  <siteMapNode url="/" title="Home" description="Home">
    <siteMapNode url="/Default.aspx" title="Home" description="Go to the homepage" />

    <siteMapNode url="/About/Default.aspx" title="About" description="About" >

  </siteMapNode>

  <siteMapNode url="/ASP.NET/Default.aspx" title="ASP.NET" description="ASP.NET" >

  </siteMapNode>

  <siteMapNode url="/C/Default.aspx" title="C" description="C" >

  </siteMapNode>

  <siteMapNode url="/Csharp/Default.aspx" title="C#" description="C#" >

  </siteMapNode>

  <siteMapNode url="/Java/Default.aspx" title="JAVA" description="JAVA" >

  </siteMapNode>

```

```

  </siteMapNode>
</siteMap>

```

ControlForm.ascx

```

<%@ Control Language="C#" AutoEventWireup="true" CodeFile="ContactForm.ascx.cs" Inherits="Controls_ContactForm" %>
<style type="text/css">
  .style1
  {
    width: 100%;
  }
</style>
<link href=" ../StyleSheet.css" rel="stylesheet" type="text/css" />
<asp:UpdatePanel runat="server" ID="UpdatePanel1">
  <ContentTemplate>
    <div style="margin-left: 80px">
      <table class="style1" runat="server" id="FormTable">
        <tr>
          <td colspan="3">
            <h1>Contact Us</h1>
          </td>
        </tr>
        <tr>
          <td>
            Name
          </td>
          <td>
            <asp:TextBox ID="Name" runat="server"></asp:TextBox>
          </td>
          <td>
            <asp:RequiredFieldValidator ID="RequiredFieldValidator1" runat="server" ControlToValidate="Name" CssClass="ErrorMessage"
            ErrorMessage="Enter your name">*</asp:RequiredFieldValidator>
          </td>
        </tr>
        <tr>
          <td>
            E-mail address
          </td>
          <td>
            <asp:TextBox ID="EmailAddress" runat="server"></asp:TextBox>
          </td>
          <td>
            <asp:RequiredFieldValidator ID="RequiredFieldValidator2" runat="server" ControlToValidate="EmailAddress"
            CssClass="ErrorMessage" Display="Dynamic" ErrorMessage="Enter an e-mail address">*</asp:RequiredFieldValidator>
            <asp:RegularExpressionValidator ID="RegularExpressionValidator1" runat="server" ControlToValidate="EmailAddress"
            CssClass="ErrorMessage" Display="Dynamic" ErrorMessage="Enter a valid e-mail address" ValidationExpression="\w+([-+.']\w+)*@\w+([-+.']\w+)*\.\w+([-+.']\w+)*">*</asp:RegularExpressionValidator>
          </td>
        </tr>
      </table>
    </div>
  </ContentTemplate>
</asp:UpdatePanel>

```

```

</tr>
<tr>
<td>
E-mail address again
</td>
<td>
<asp:TextBox ID="ConfirmEmailAddress" runat="server"></asp:TextBox>
</td>
<td>
<asp:RequiredFieldValidator ID="RequiredFieldValidator3" runat="server" ControlToValidate="ConfirmEmailAddress"
CssClass="ErrorMessage" Display="Dynamic" ErrorMessage="Confirm the e-mail address">*</asp:RequiredFieldValidator>
<asp:CompareValidator ID="CompareValidator1" runat="server" ControlToCompare="EmailAddress"
ControlToValidate="ConfirmEmailAddress" CssClass="ErrorMessage" Display="Dynamic" ErrorMessage="Retype the e-mail
address">*</asp:CompareValidator>
</td>
</tr>

<tr>
<td>
Comments
</td>
<td>
<asp:TextBox ID="Comments" runat="server" Height="78px" TextMode="Multiline" Width="341px"></asp:TextBox>
</td>
<td>
<asp:RequiredFieldValidator ID="RequiredFieldValidator4" runat="server" ControlToValidate="Comments"
CssClass="ErrorMessage" Display="Dynamic" ErrorMessage="Enter a comment">*</asp:RequiredFieldValidator>
</td>
</tr>
<tr>
<td>
</td>
<td>
<asp:Button ID="SendButton" runat="server" Text="Send" OnClick="SendButton_Click" />
</td>
<td>
</td>
</tr>
<tr>
<td colspan="3">
<asp:ValidationSummary ID="ValidationSummary1" runat="server" CssClass="ErrorMessage" HeaderText="Please correct the
following errors before you press the Send button:" />
</td>
</tr>
</table>
<asp:Label ID="Message" runat="server" Text="Message Sent" Visible="False" />
</div>
</ContentTemplate>
</asp:UpdatePanel>
<asp:UpdateProgress ID="UpdateProgress1" runat="server" AssociatedUpdatePanelID="UpdatePanel1">
<ProgressTemplate>
<div style="margin-left: 80px" class="PleaseWait">Please Wait... </div>
</ProgressTemplate>
</asp:UpdateProgress>

```

ControlForm.ascx.cs

```

using System;
using System.Collections.Generic;
using System.Linq;
using System.Web;
using System.Web.UI;
using System.Web.UI.WebControls;

using System.IO; // Provides access to the File class for reading the file
using System.Net.Mail; // Provides access to the various mail related classes

public partial class Controls_ContactForm : System.Web.UI.UserControl
{
    protected void Page_Load(object sender, EventArgs e)
    {

    }

    protected void SendButton_Click(object sender, EventArgs e)
    {
        if (Page.IsValid)
        {
            string fileName = Server.MapPath("~/App_Data/ContactForm.txt");
            string mailBody = File.ReadAllText(fileName);

            mailBody = mailBody.Replace("##Name##", Name.Text);
            mailBody = mailBody.Replace("##Email##", EmailAddress.Text);
            mailBody = mailBody.Replace("##Comments##", Comments.Text);

            MailMessage myMessage = new MailMessage();

```

```

myMessage.Subject = "Response from web site";
myMessage.Body = mailBody;

myMessage.From = new MailAddress("owatheowais@hotmail.com", "Sender Name");
myMessage.To.Add(new MailAddress("owatheowais@hotmail.com", "Receiver Name"));

SmtpClient mySmtpClient = new SmtpClient();
mySmtpClient.Send(myMessage);

Message.Visible = true;
FormTable.Visible = false;
System.Threading.Thread.Sleep(500);
}
}
}

```

Improve.aspx

```

<%@ Control Language="C#" AutoEventWireup="true" CodeFile="improveControl.ascx.cs" Inherits="improveControl" %>
<style type="text/css">
    .style1
    {
        width: 140px;
    }
    .style2
    {
        width: 269px;
    }
</style>
<asp:UpdatePanel runat="server" ID="UpdatePanel1">
<contenttemplate>
<h3>Feedback Us for More Improvement</h3>
<table style="width:100%;" runat="server" id="FormTable">
    <tr>
        <td class="style1">
            &nbsp;&nbsp;&nbsp;</td>
        <td class="style2">
            &nbsp;&nbsp;&nbsp;</td>
    </tr>
    <tr>
        <td class="style1">
            Name</td>
        <td class="style2">
            <asp:TextBox ID="name" runat="server"></asp:TextBox>
            <asp:RequiredFieldValidator ID="RequiredFieldValidator2" runat="server" ControlToValidate="name"
            CssClass="ErrorMessage" ErrorMessage="Enter your name">*</asp:RequiredFieldValidator>
        </td>
    </tr>
    <tr>
        <td>
            E-mail address
        </td>
        <td>
            <asp:TextBox ID="Email" runat="server"></asp:TextBox>
            <asp:RequiredFieldValidator ID="RequiredFieldValidator1" runat="server" ControlToValidate="Email"
            CssClass="ErrorMessage" Display="Dynamic" ErrorMessage="Enter an e-mail address">*</asp:RequiredFieldValidator>
            <asp:RegularExpressionValidator ID="RegularExpressionValidator1" runat="server" ControlToValidate="Email"
            CssClass="ErrorMessage" Display="Dynamic" ErrorMessage="Enter a valid e-mail address" ValidationExpression="\w+([-+.'@]\w+)*@([-+.'@]\w+)*\.\w+([-+.'@]\w+)*">*</asp:RegularExpressionValidator>
        </td>
    </tr>
    <tr>
        <td>
            Comments
        </td>
        <td>
            <asp:TextBox ID="Comments" runat="server" Height="78px" TextMode="MultiLine" Width="341px"></asp:TextBox>
            <asp:RequiredFieldValidator ID="RequiredFieldValidator4" runat="server" ControlToValidate="Comments"
            CssClass="ErrorMessage" Display="Dynamic" ErrorMessage="Enter a comment">*</asp:RequiredFieldValidator>
        </td>
    </tr>
    <tr>
        <td>
            <asp:Button ID="SendButton" runat="server" Text="Send" OnClick="SendButton_Click" />
        </td>
    </tr>

```



```

        <td>
        </td>
    </tr>
    <tr>
        <td colspan="3">
            <asp:ValidationSummary ID="ValidationSummary1" runat="server" CssClass="ErrorMessage" HeaderText="Please correct the
following errors before you press the Send button:" />
        </td>
    </tr>
</table>
<asp:Label ID="Message" runat="server" Text="Message Sent" Visible="False" />
</contenttemplate>
</asp:UpdatePanel>
<asp:UpdateProgress ID="UpdateProgress1" runat="server" AssociatedUpdatePanelID="UpdatePanel1">
    <ProgressTemplate>
        <div class="PleaseWait">Please Wait... </div>
    </ProgressTemplate>
</asp:UpdateProgress>

```

Improve.ascx.cs

```

using System;
using System.Collections.Generic;
using System.Linq;
using System.Web;
using System.Web.UI;
using System.Web.UI.WebControls;
using System.IO; // Provides access to the File class for reading the file
using System.Net.Mail; // Provides access to the various mail related classes
public partial class improveControl : System.Web.UI.UserControl
{
    protected void Page_Load(object sender, EventArgs e)
    {
    }
    protected void SendButton_Click(object sender, EventArgs e)
    {
        if (Page.IsValid)
        {
            string fileName = Server.MapPath("~/App_Data/Improveform.txt");
            string mailBody = File.ReadAllText(fileName);

            mailBody = mailBody.Replace("##Name##", nametb.Text);
            mailBody = mailBody.Replace("##Email##", EmailAddress.Text);

            mailBody = mailBody.Replace("##Comments##", Comments.Text);

            MailMessage myMessage = new MailMessage();
            myMessage.Subject = "Response from web site";
            myMessage.Body = mailBody;

            myMessage.From = new MailAddress("owatheowais@gmail.com", "Sender Name");
            myMessage.To.Add(new MailAddress("owatheowais@gmail.com", "Receiver Name"));

            SmtpClient mySmtpClient = new SmtpClient();
            mySmtpClient.Send(myMessage);

            Message.Visible = true;
            FormTable.Visible = false;
            System.Threading.Thread.Sleep(5000);
        }
    }
}

```