

# **Guideline for ASP.NET Professional Project**

**Lecture\_01 (Master Paging)**

**Created by**

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**Lecturer**

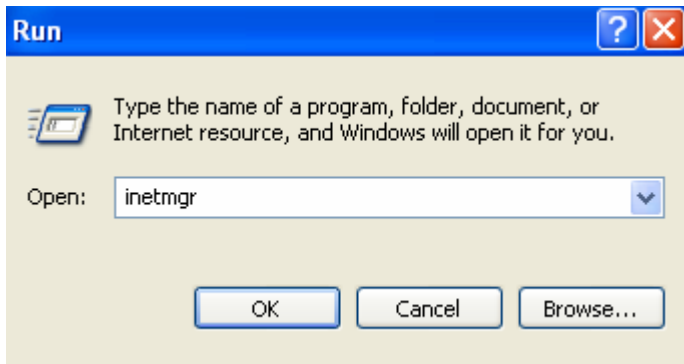
**Department of**

**Electronics and Telecommunication Engineering**

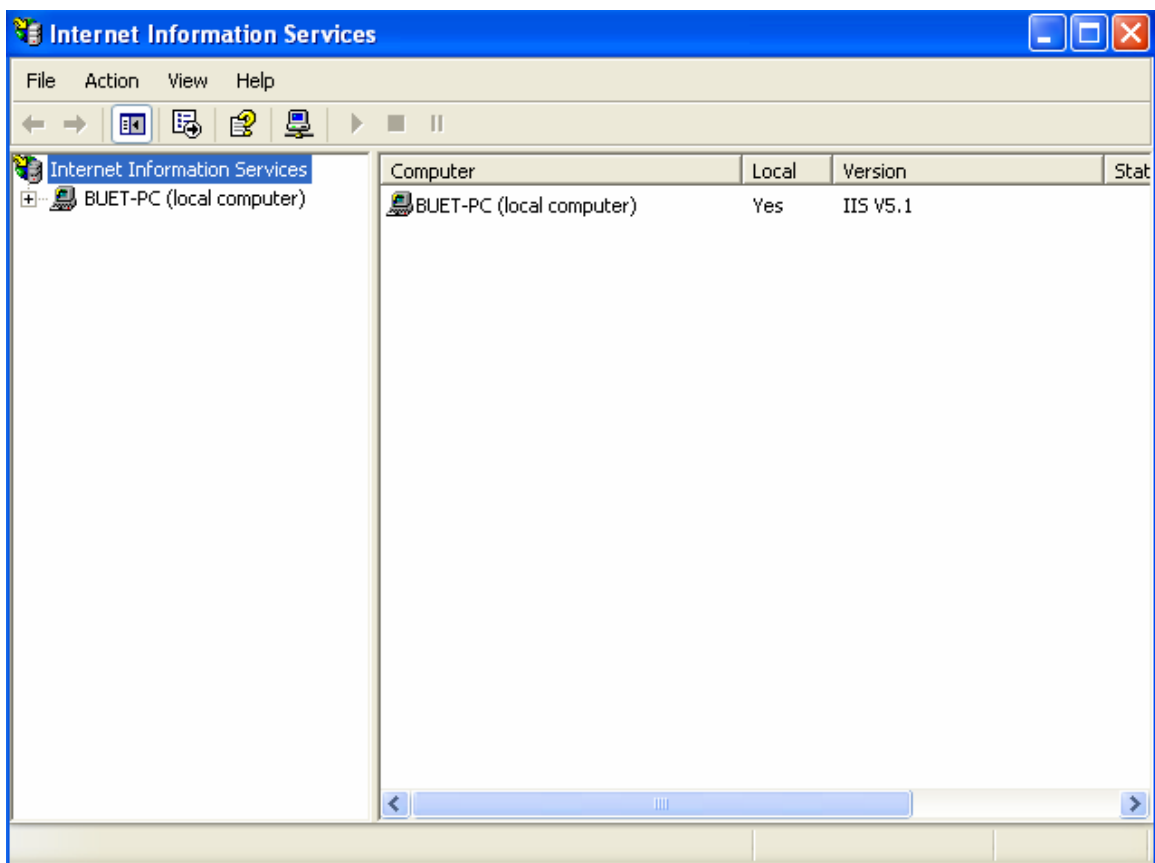
**The People's University of Bangladesh**

**Sunday, August 15, 2010**

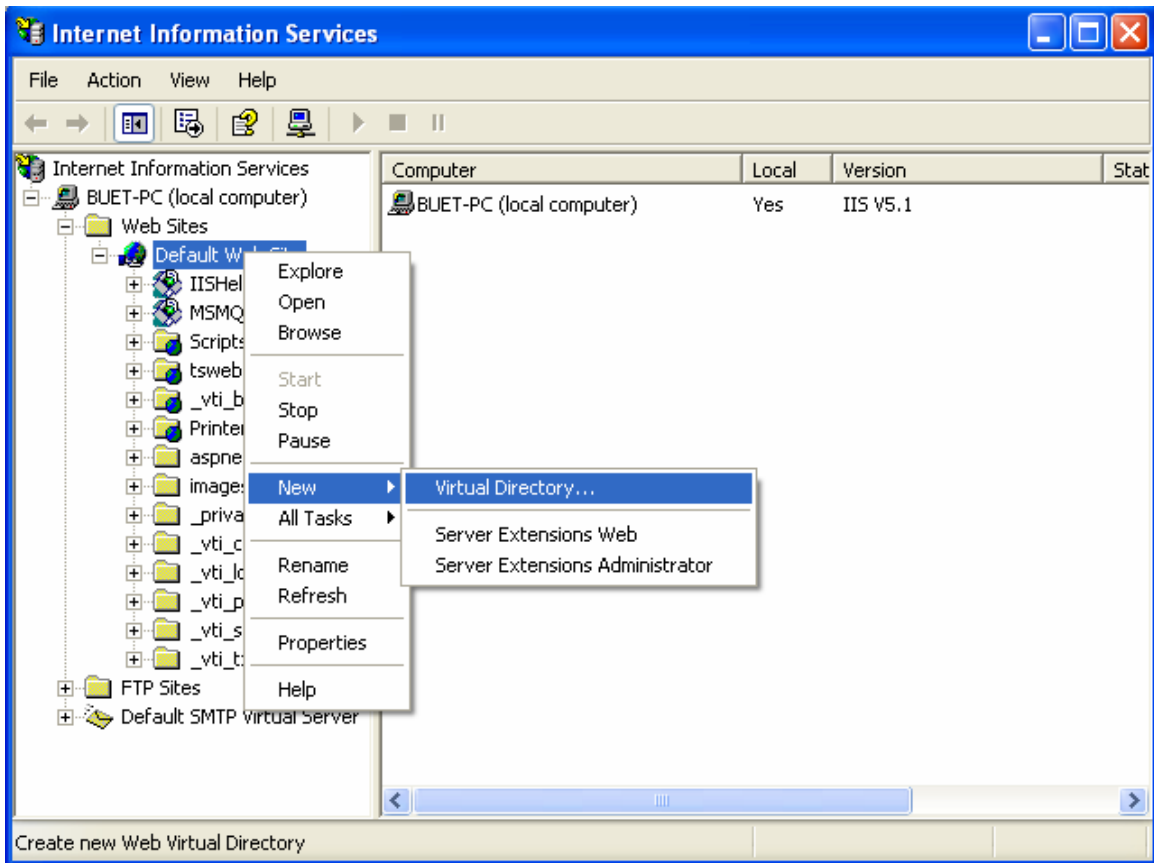
1. Create a new folder named PUB anywhere in your computer.
2. Run inetmgr



3. This will appear




4. Click Virtual Directory




5. This will appear



6. Click Next and type 'pub'

**Virtual Directory Creation Wizard** 

**Virtual Directory Alias** 


You must give the virtual directory a short name, or alias, for quick reference.


Type the alias you want to use to gain access to this Web virtual directory. Use the same naming conventions that you would for naming a directory.

Alias:

< Back   Next >   Cancel

7. Click Next and browse for the folder you have created at step-1

**Virtual Directory Creation Wizard** 

**Web Site Content Directory** 

Where is the content you want to publish on the Web site?

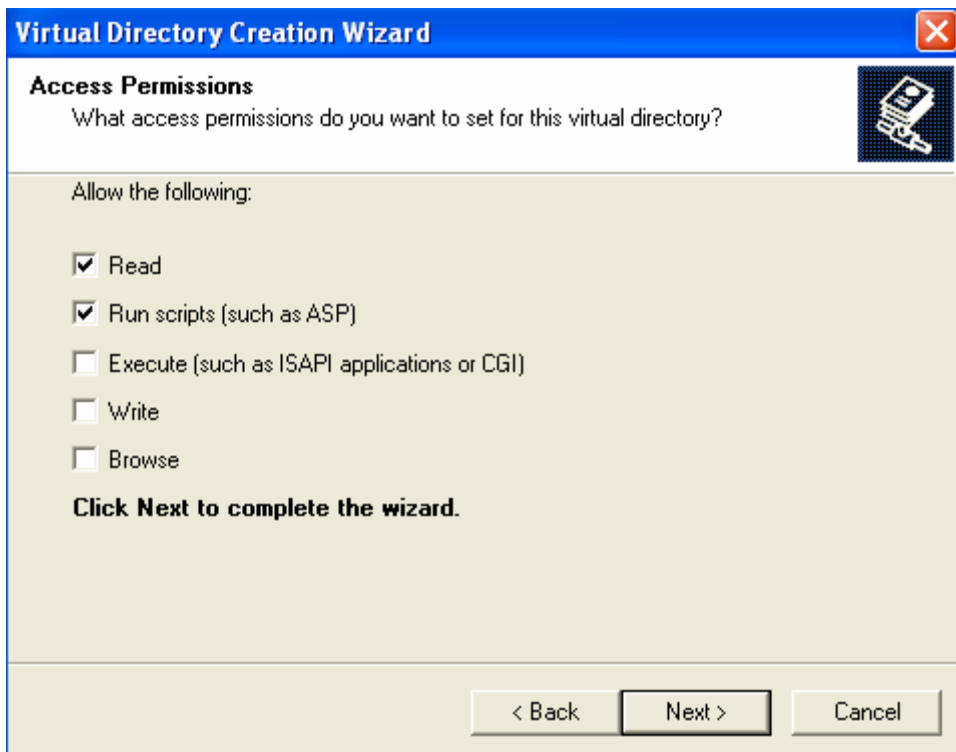
Enter the path to the directory that contains the content.

Directory:

< Back   Next >   Cancel

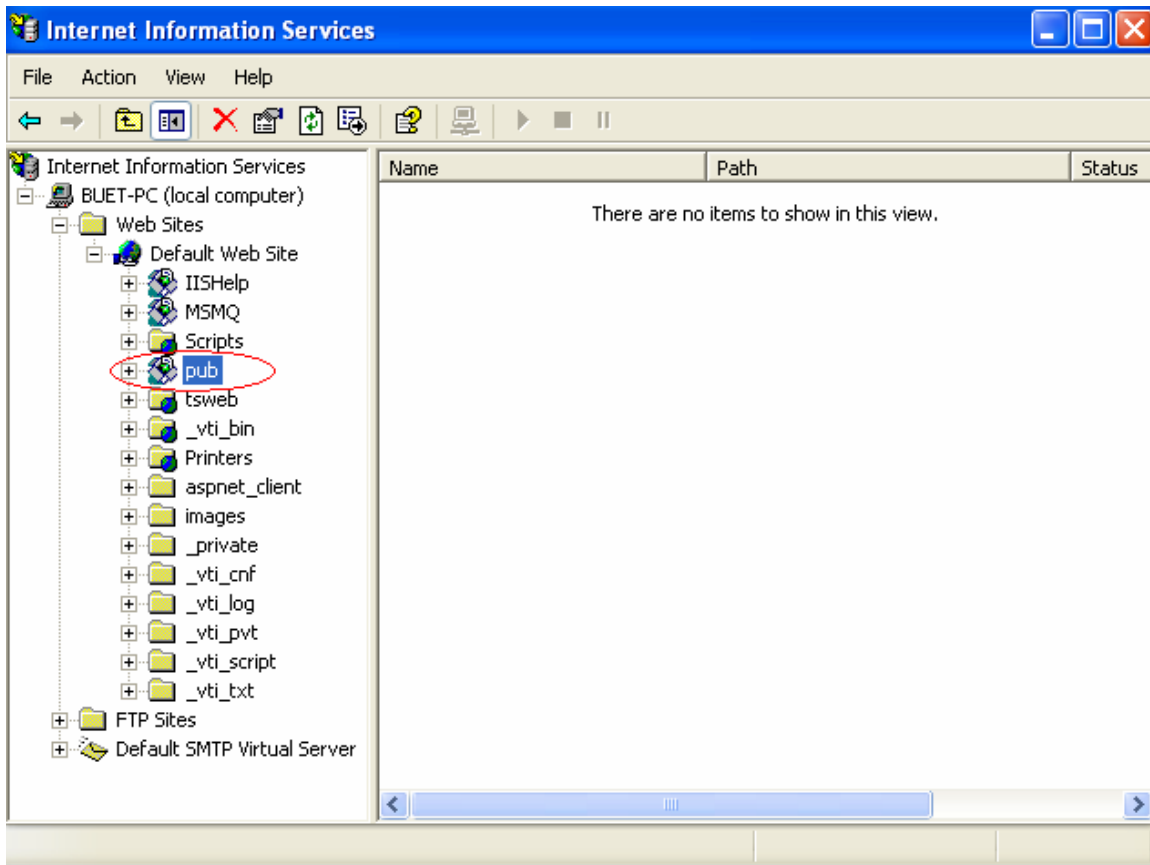
8. Click Next



9. Click Next and Finish

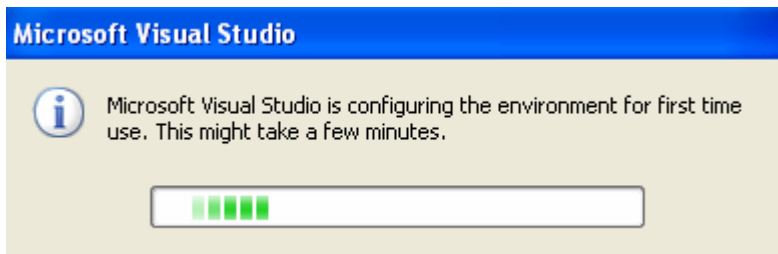


10. You will get a virtual directory named 'pub'. Close IIS.

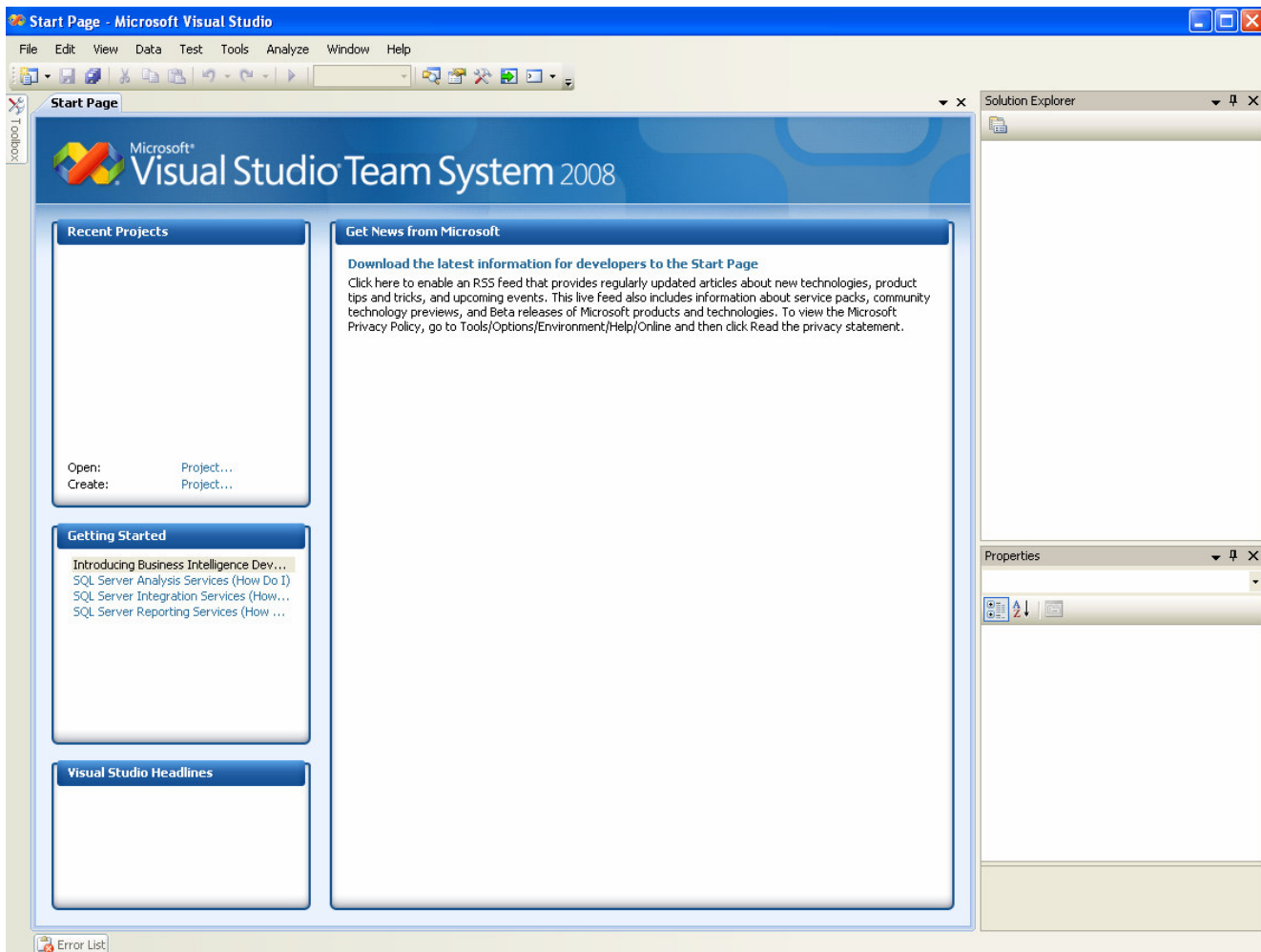


11. Run Visual Studio 2008

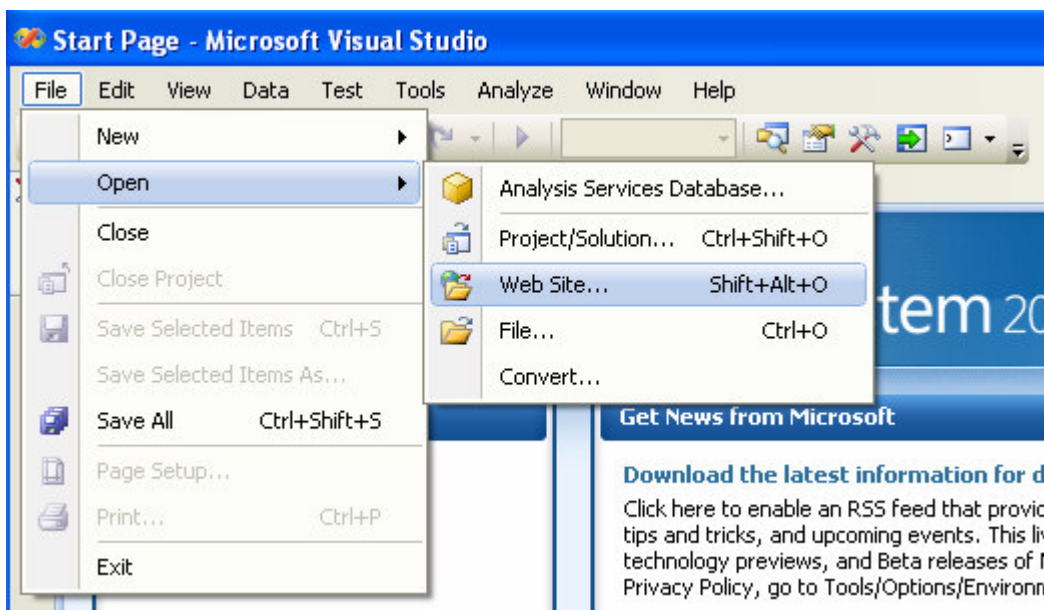
12. This may appear if you run for the first time



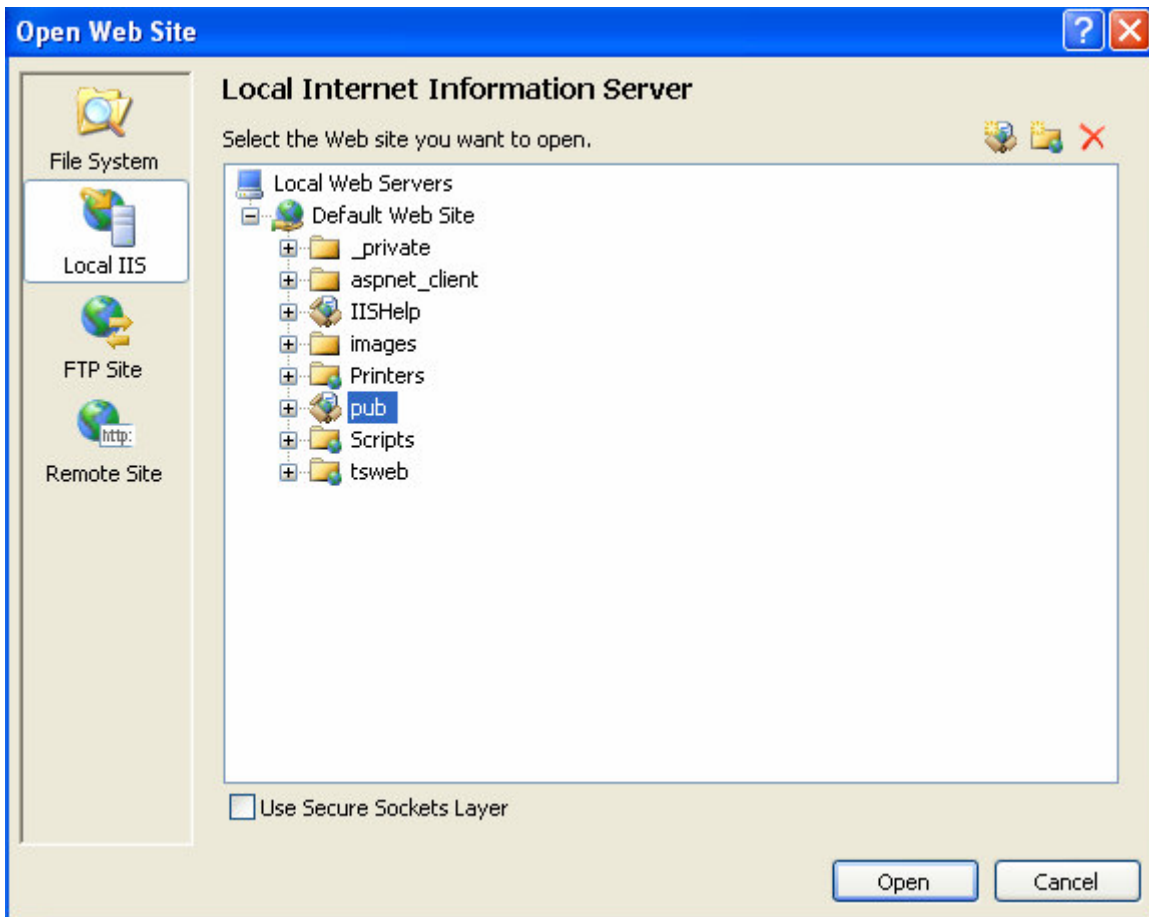
13. This will appear



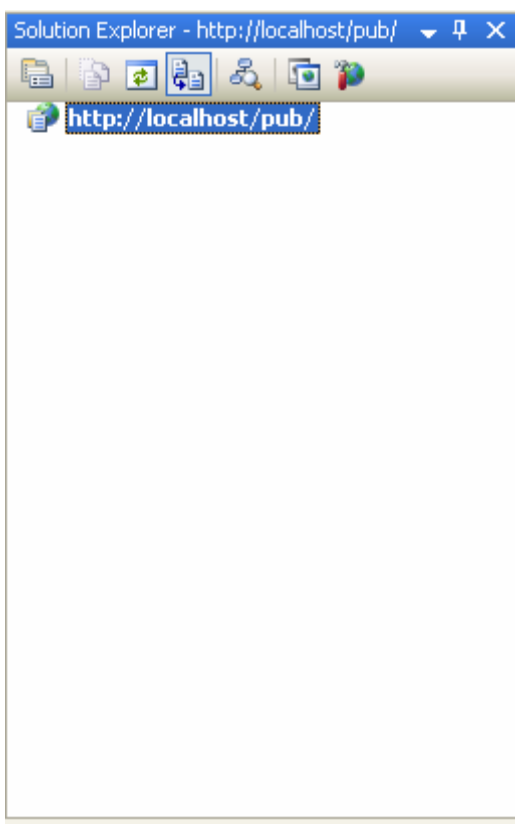
14. Open web site



15. Click Local IIS. You will get 'pub'. Click Open.

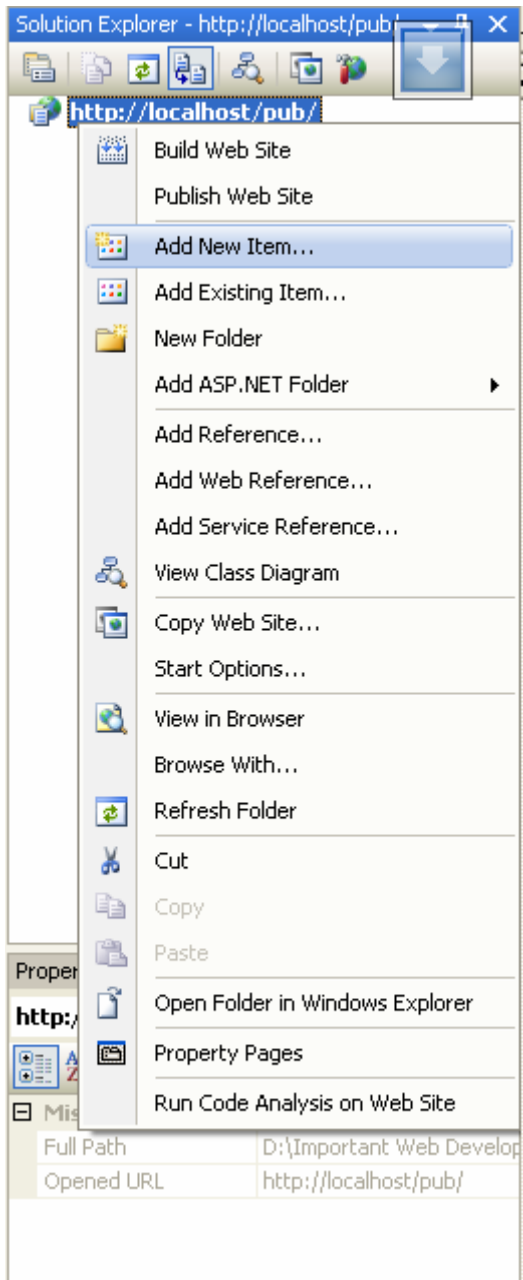


16. You will get <http://localhost/pub/> in the Solution Explorer at right side

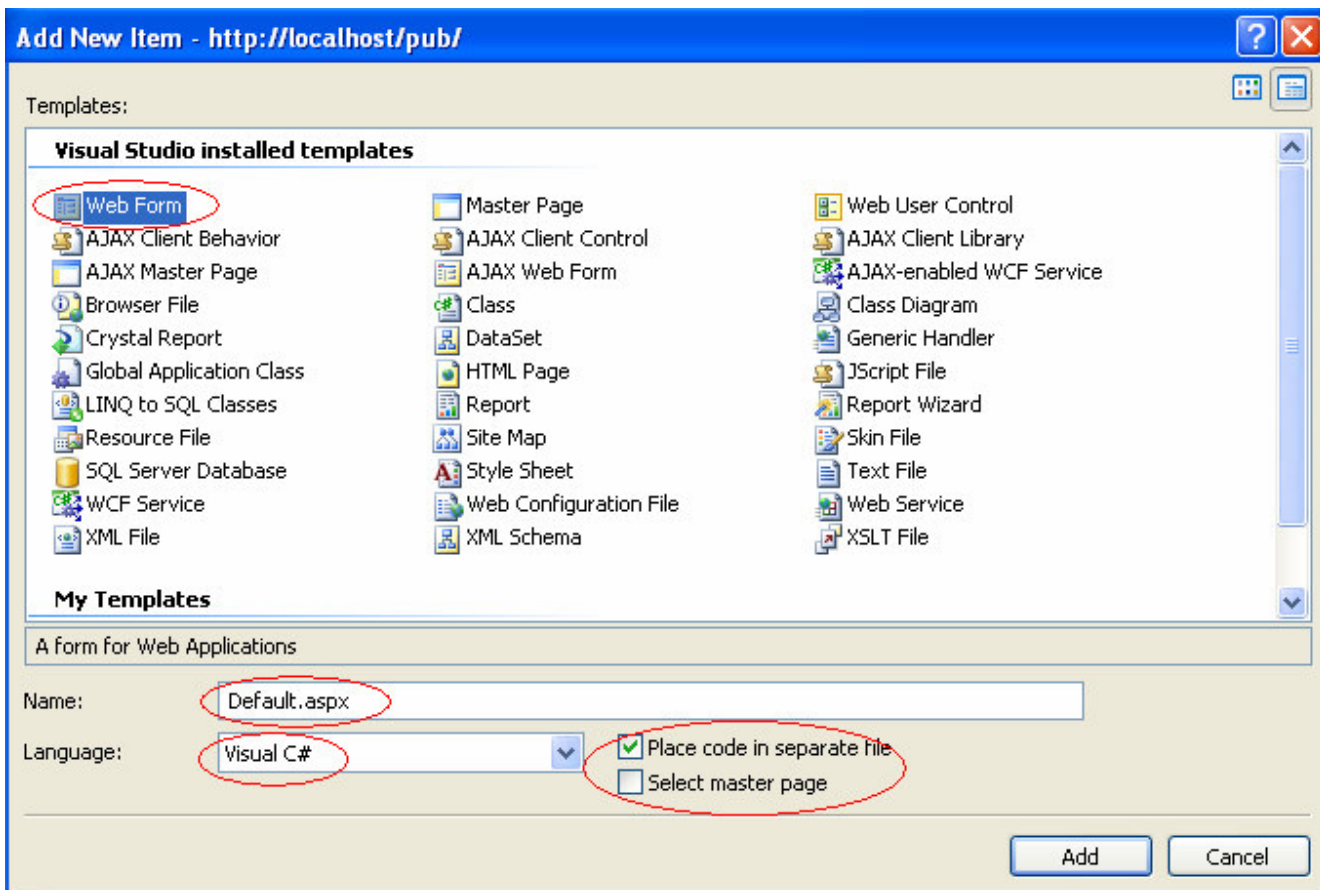


17. Right Click and Add New Item...

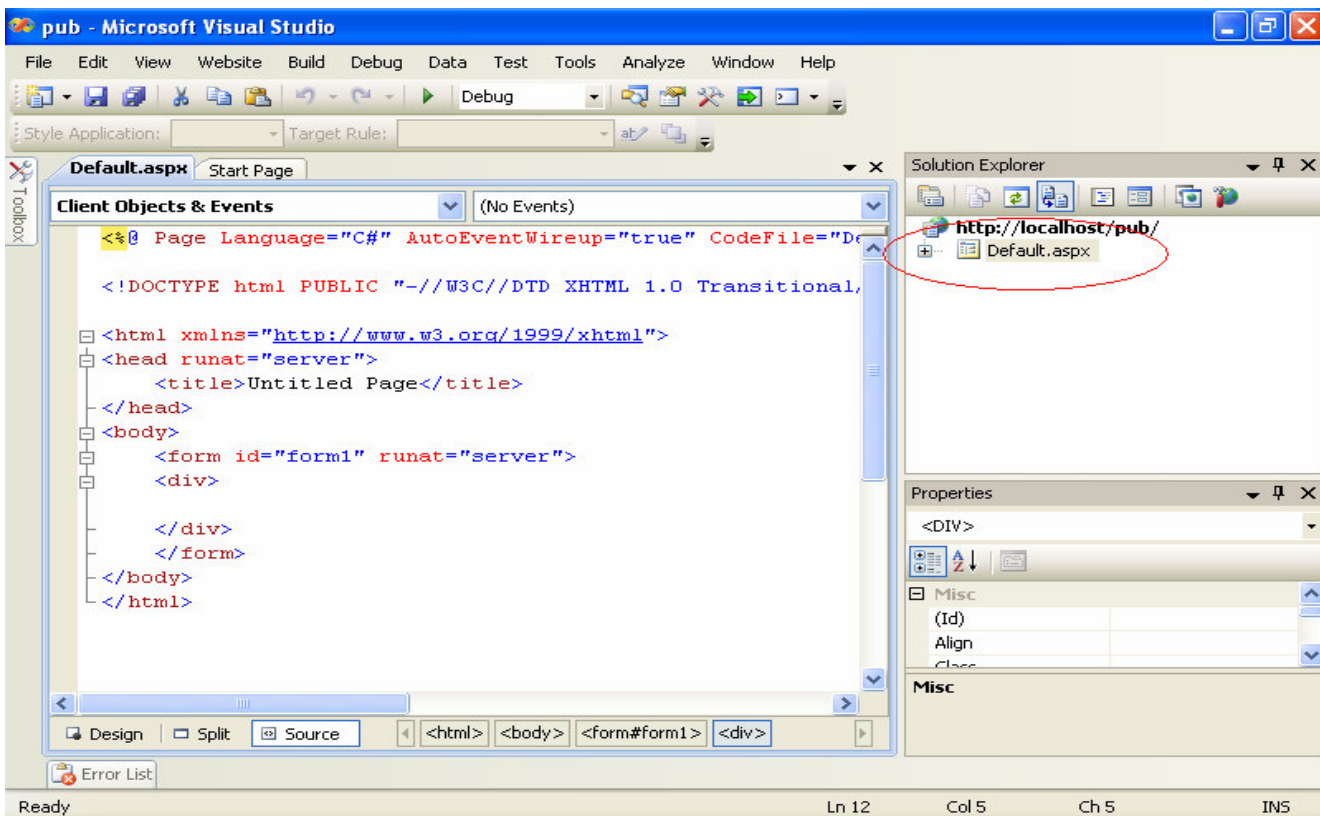




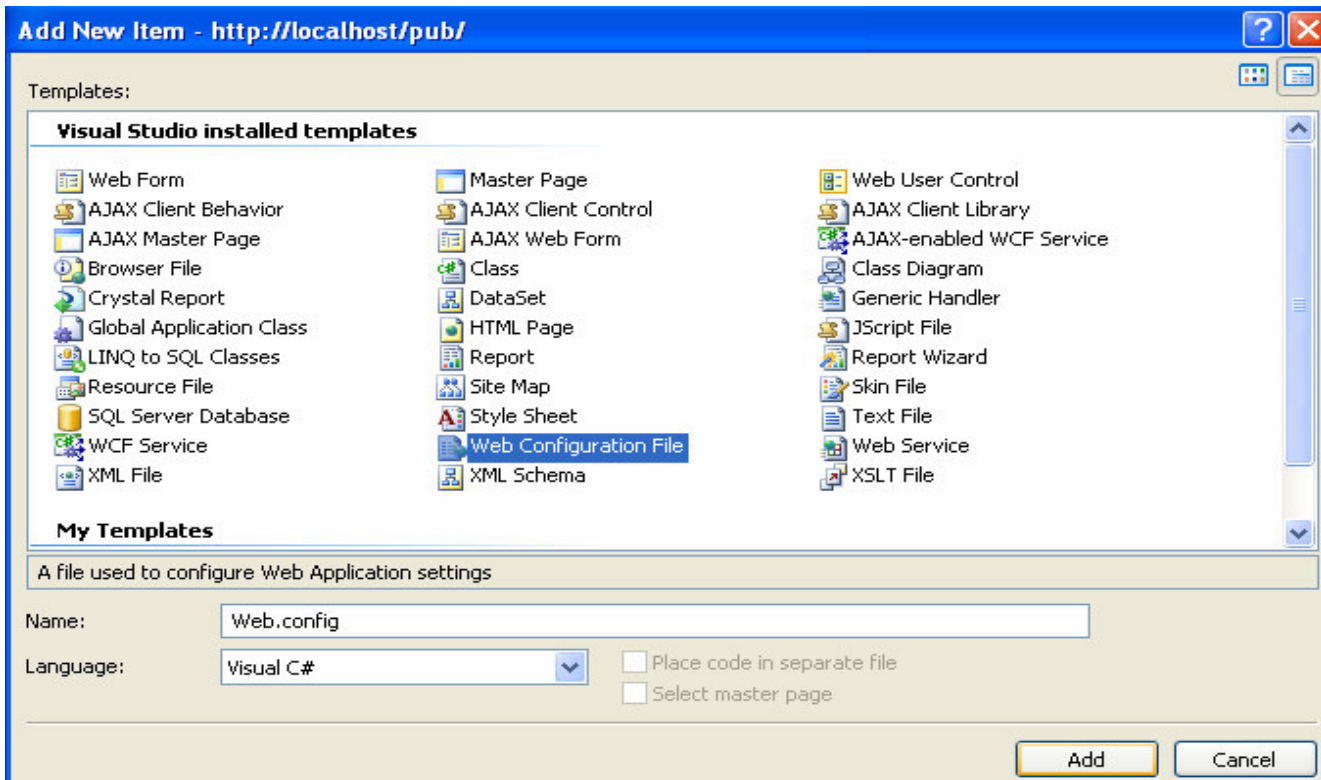
18. Add New Item will appear. Create new Web Form (Default.aspx), select language (Visual C#), check Place code in separate file and uncheck select master page.



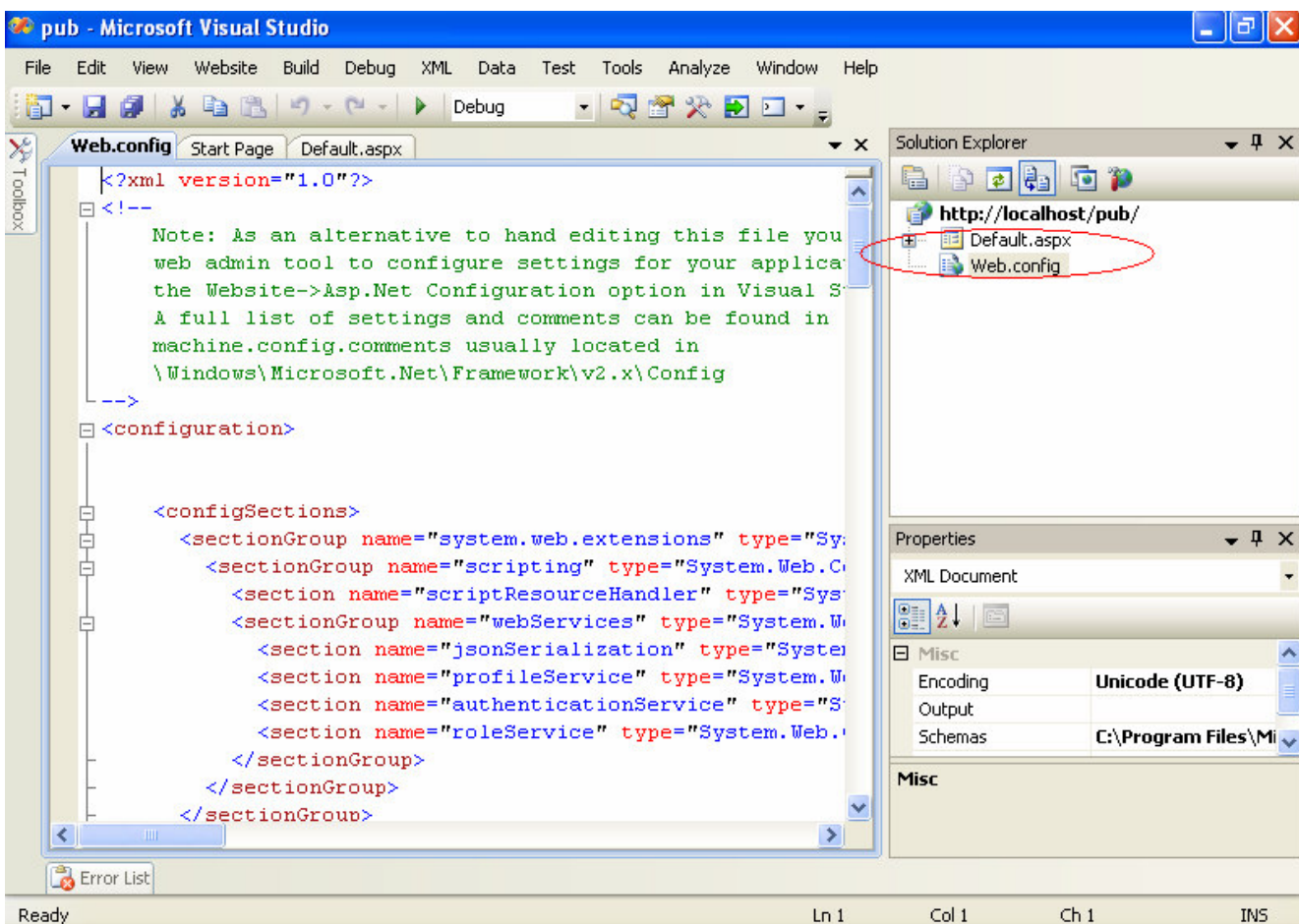
19. Click Add. This will appear.



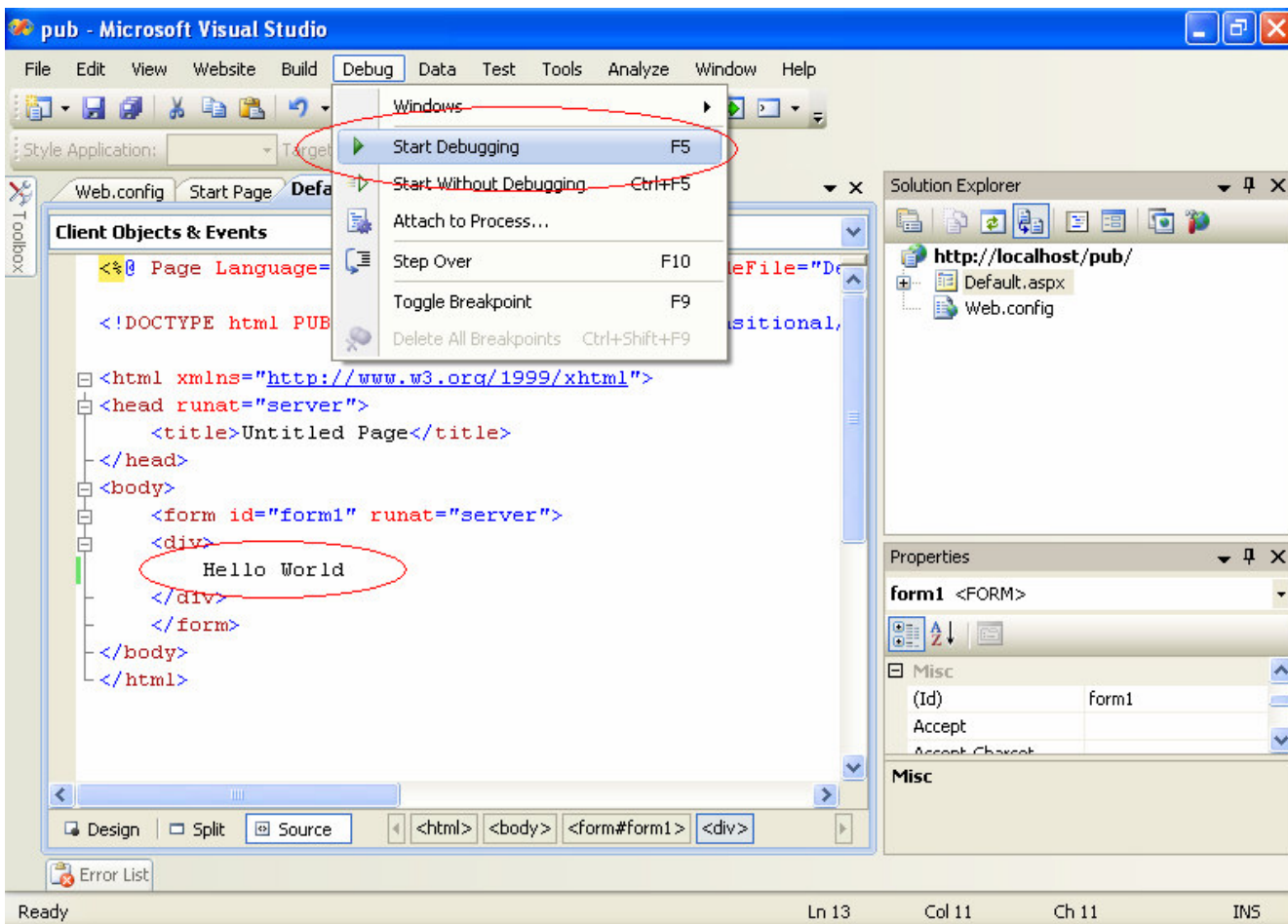
20. Repeat Step 17 and add a web.config file



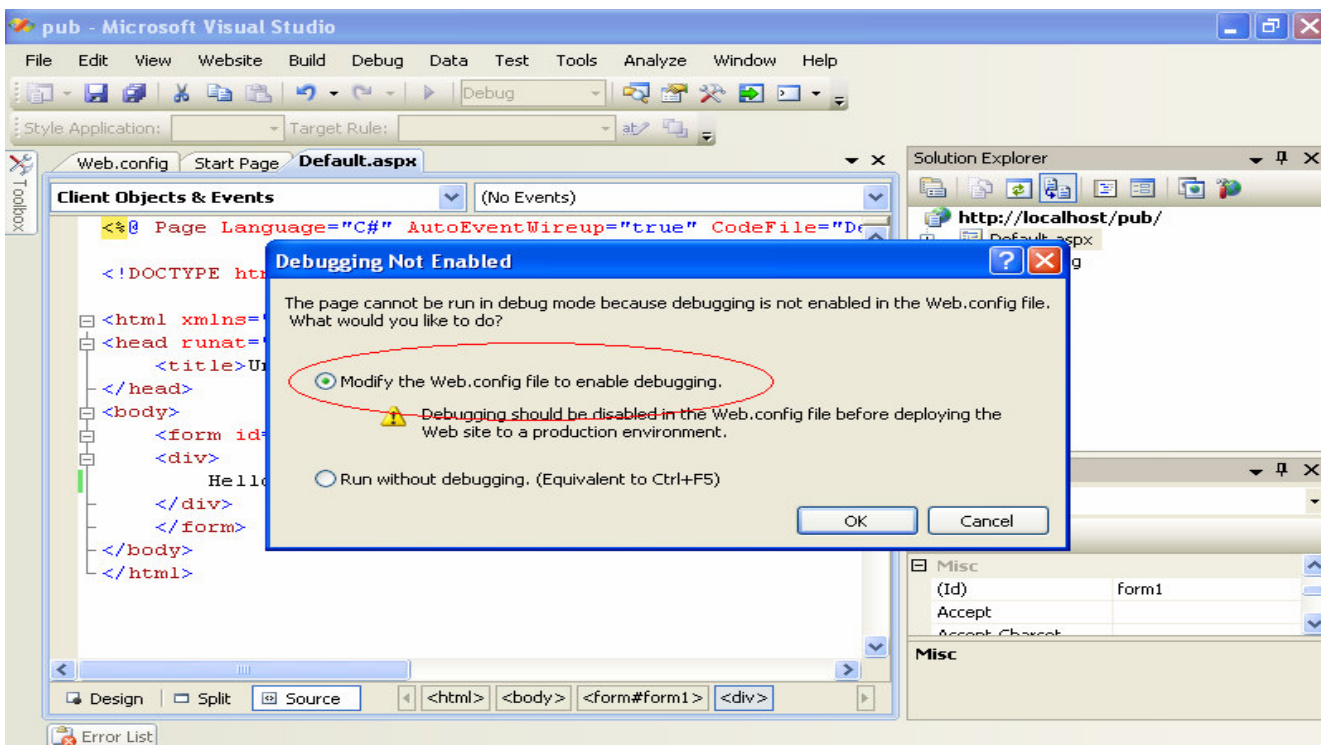
21. You will get this



22. Write 'Hello World' at Default.aspx page and press F5.

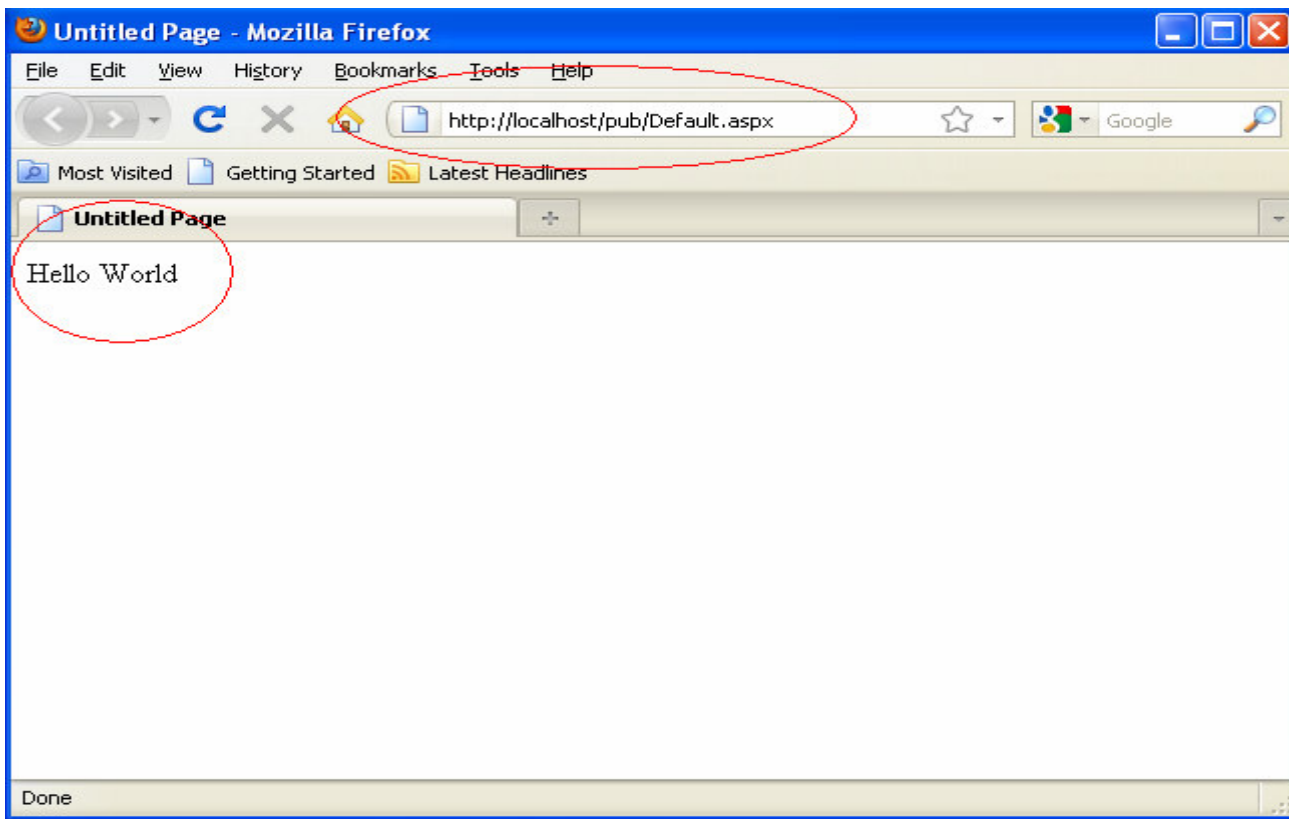


23. This will appear. Click OK

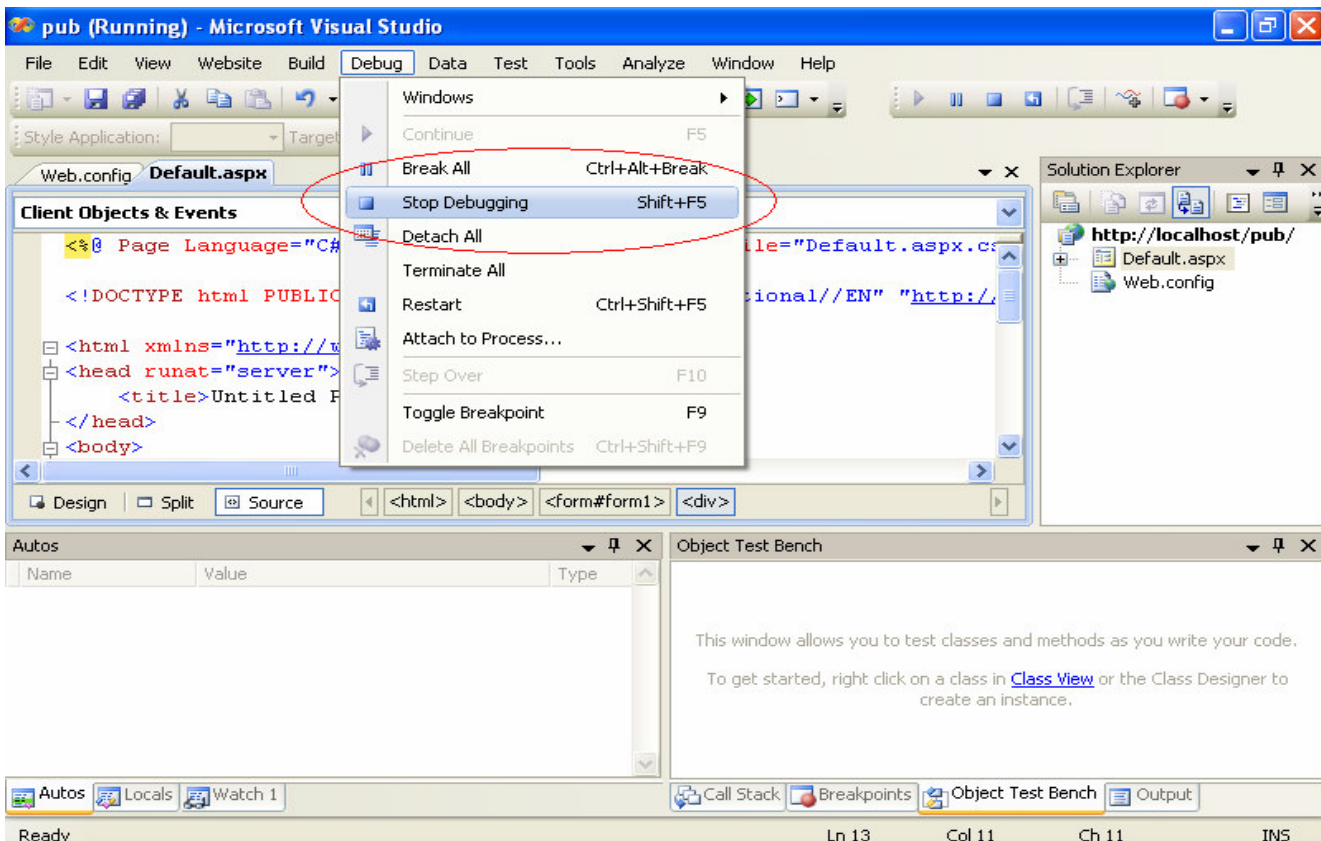




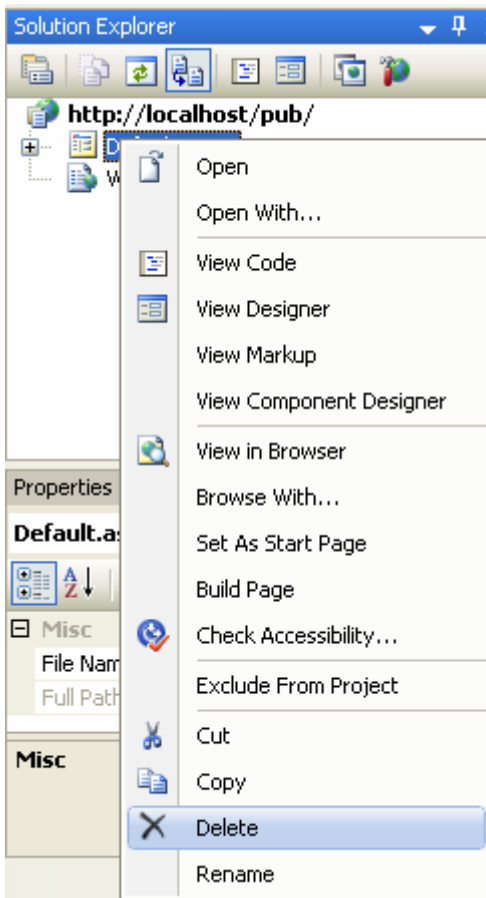
24. You will get your web site running



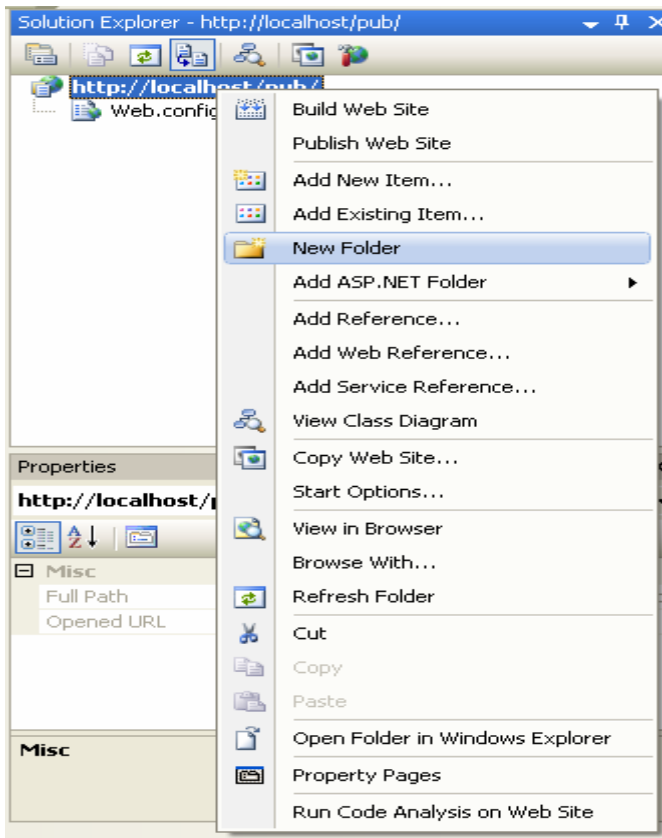
25. Go back to Visual Studio and press shift+F5 to stop debugging

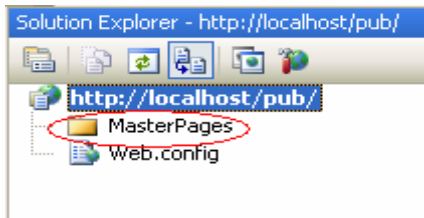


26. Delete Default.aspx

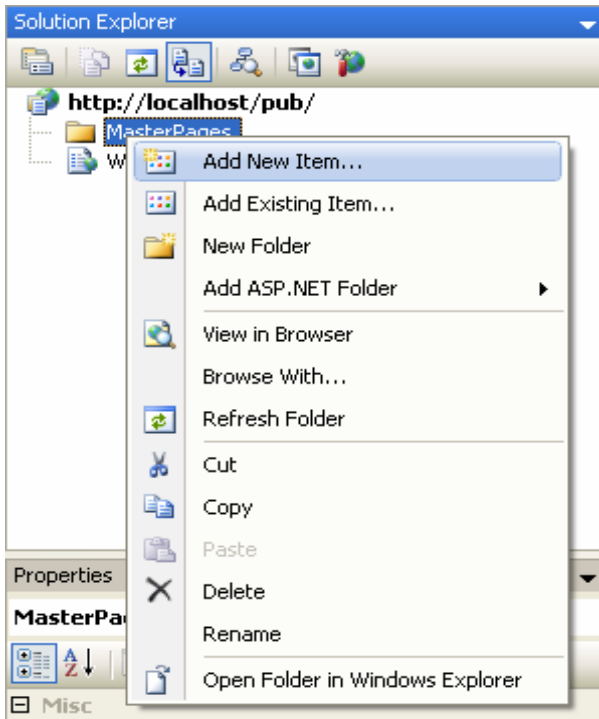


## 27. Add New Folder 'MasterPages'

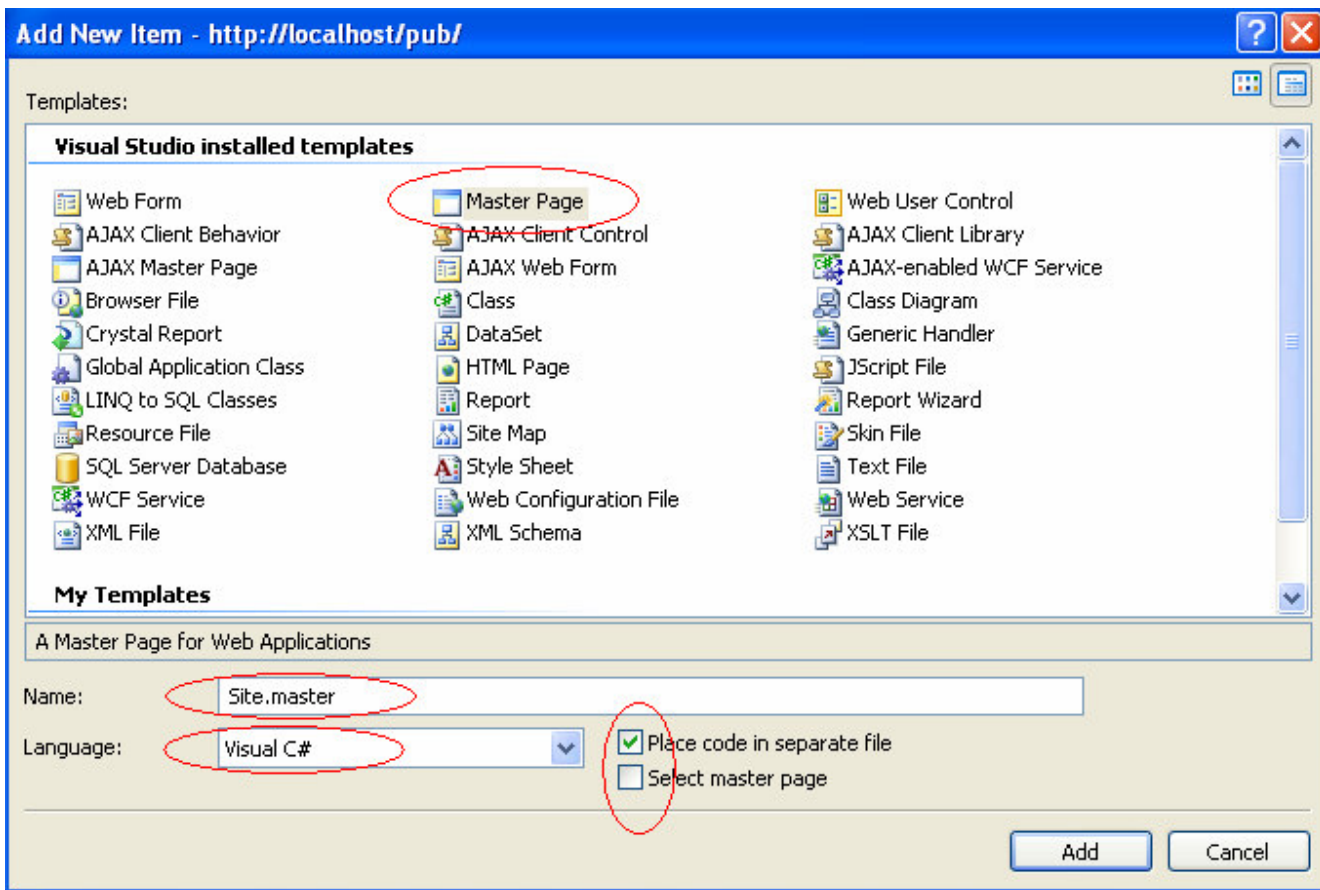




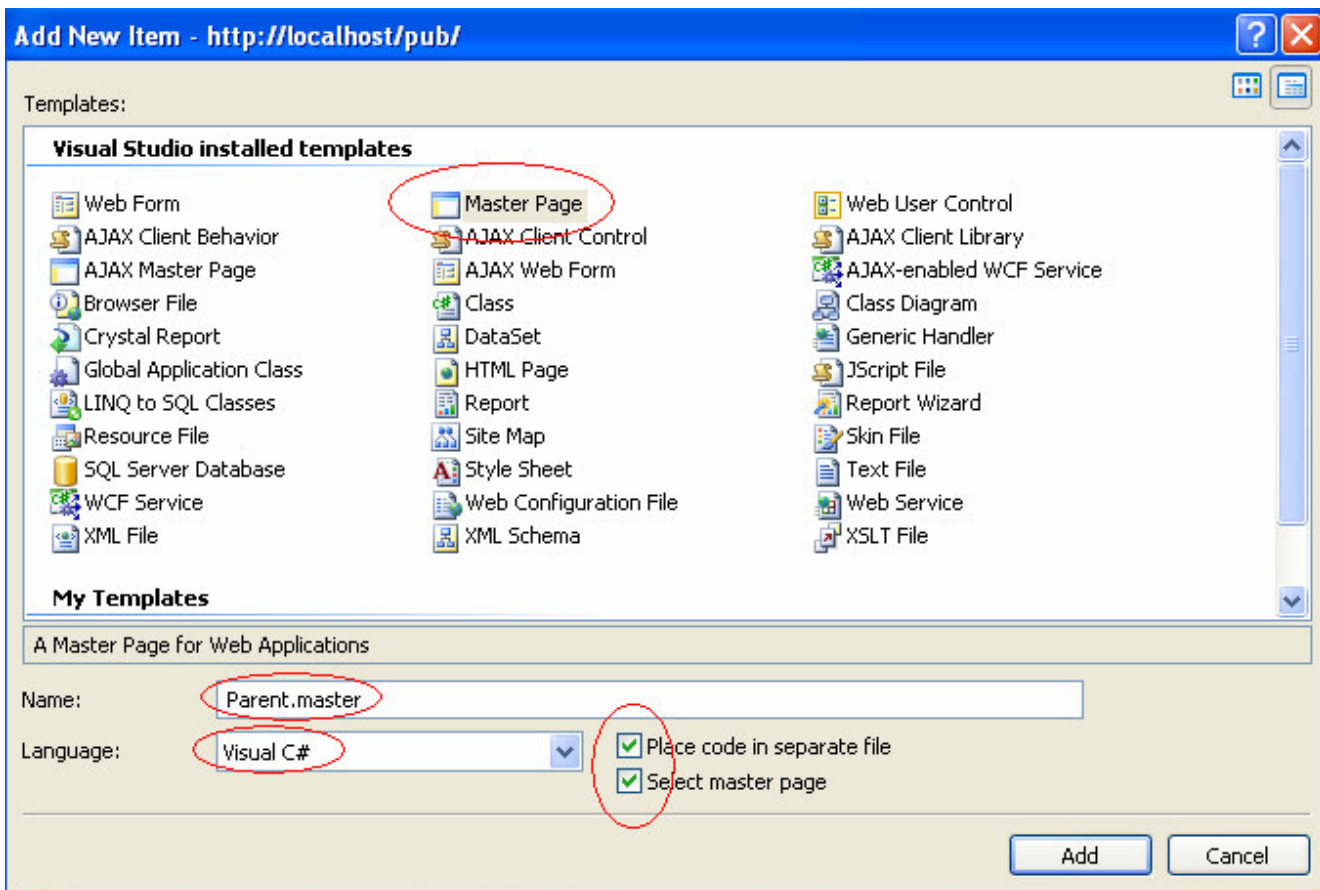
28. Add New Item to MasterPages folder.



29. Add Site.Master

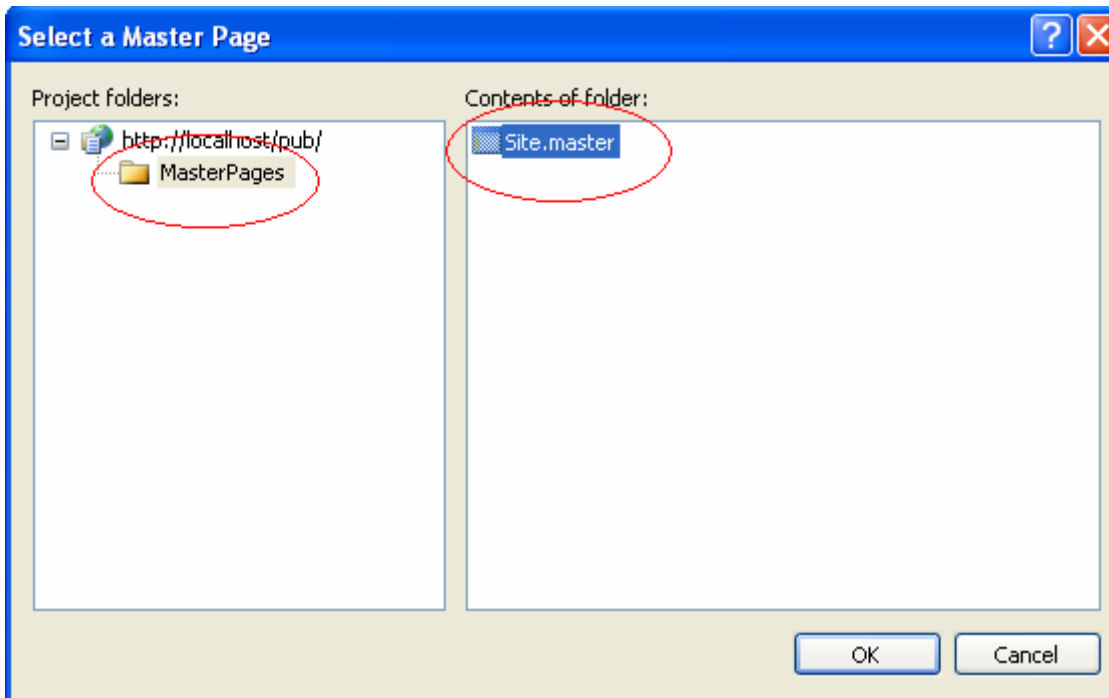


30. Add Parent.Master to MasterPages folder

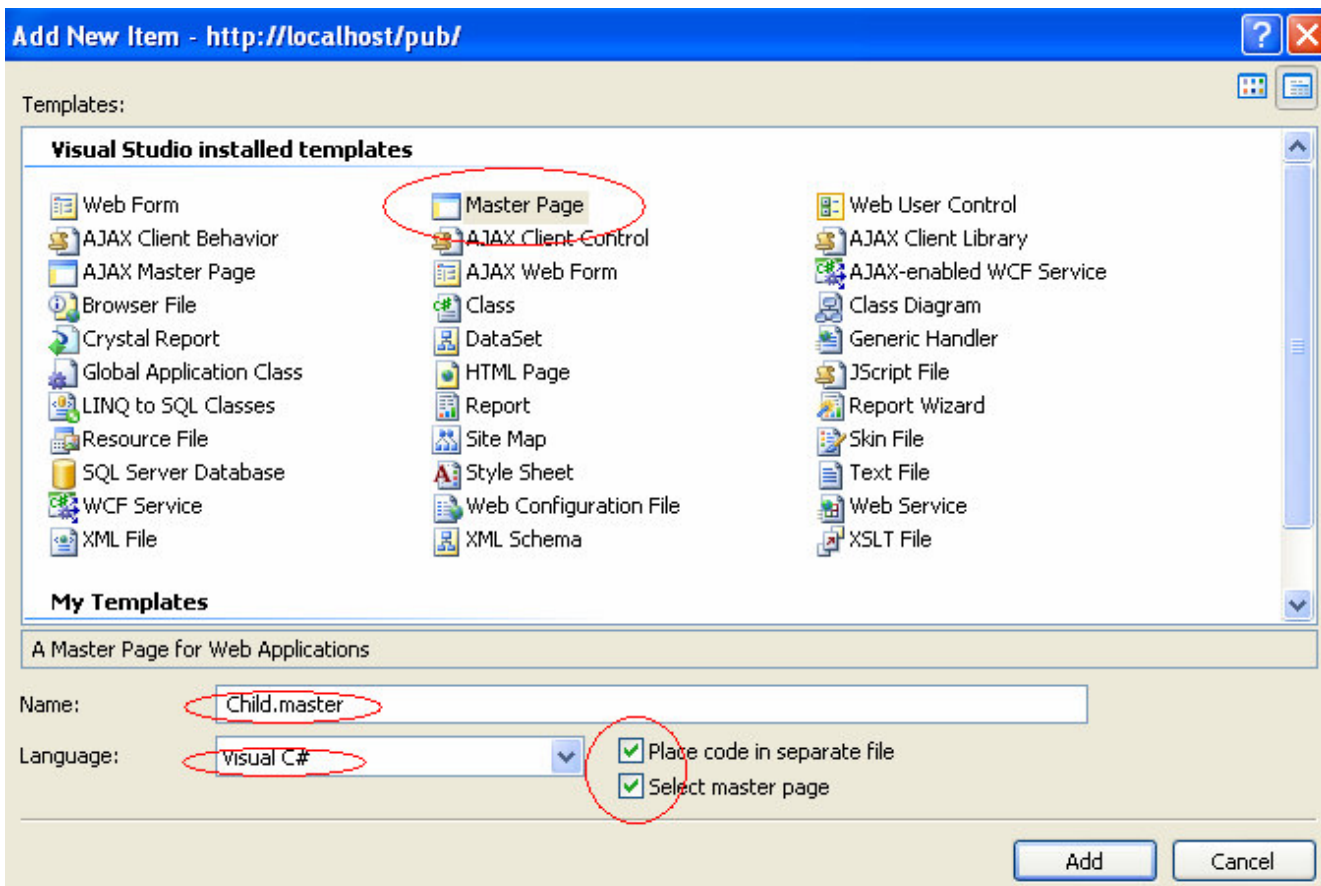




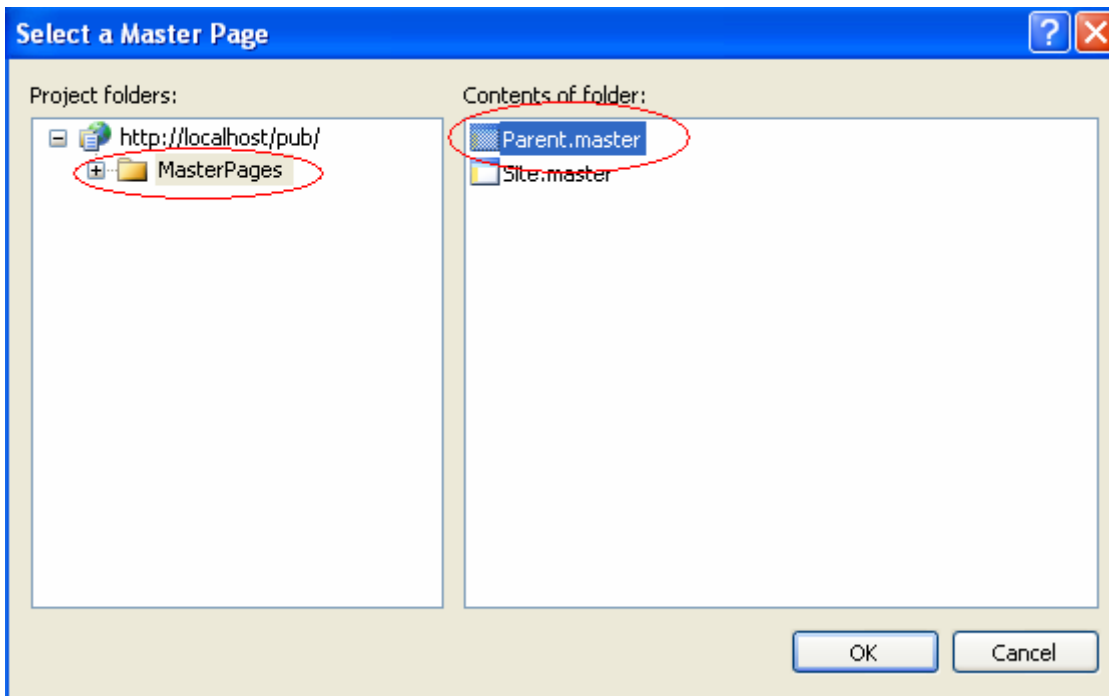
31. Click Add and then Select Site.Master and then click OK.



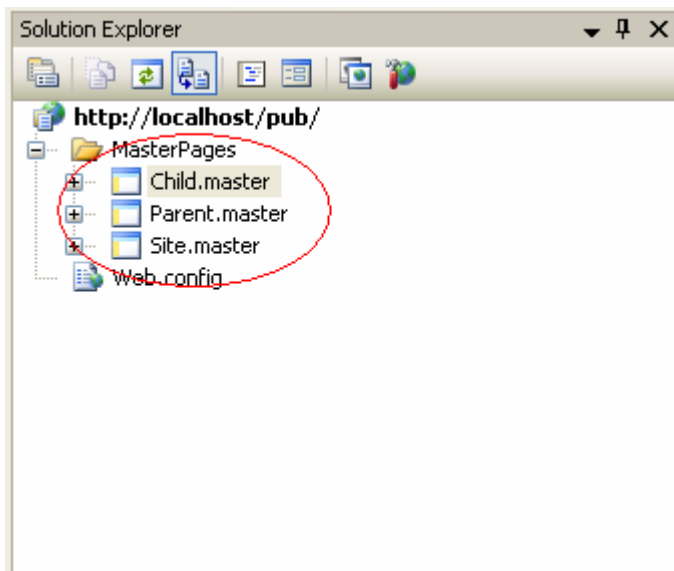
32. Create Child.Master



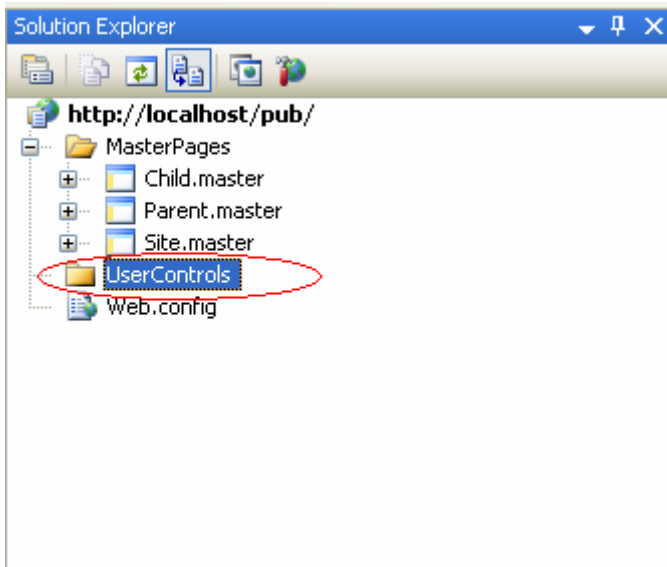
33. Select Parent.Master and click OK.



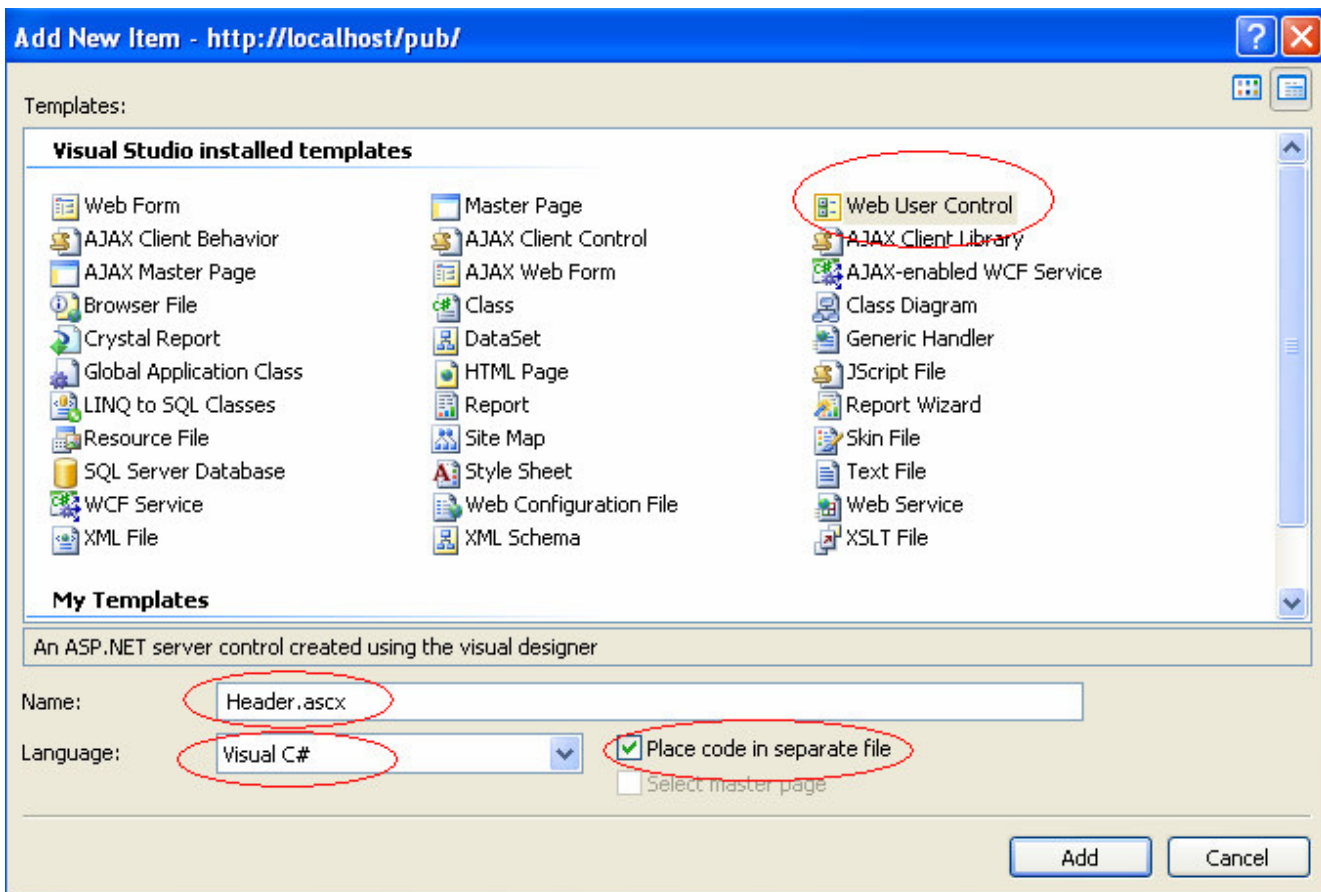
34. Now you will get three master pages inside the MasterPages folder



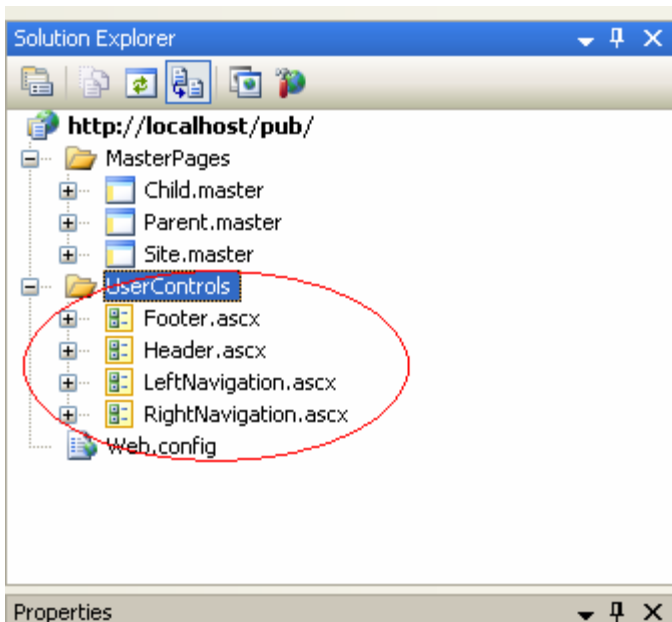
35. Create UserControl folder



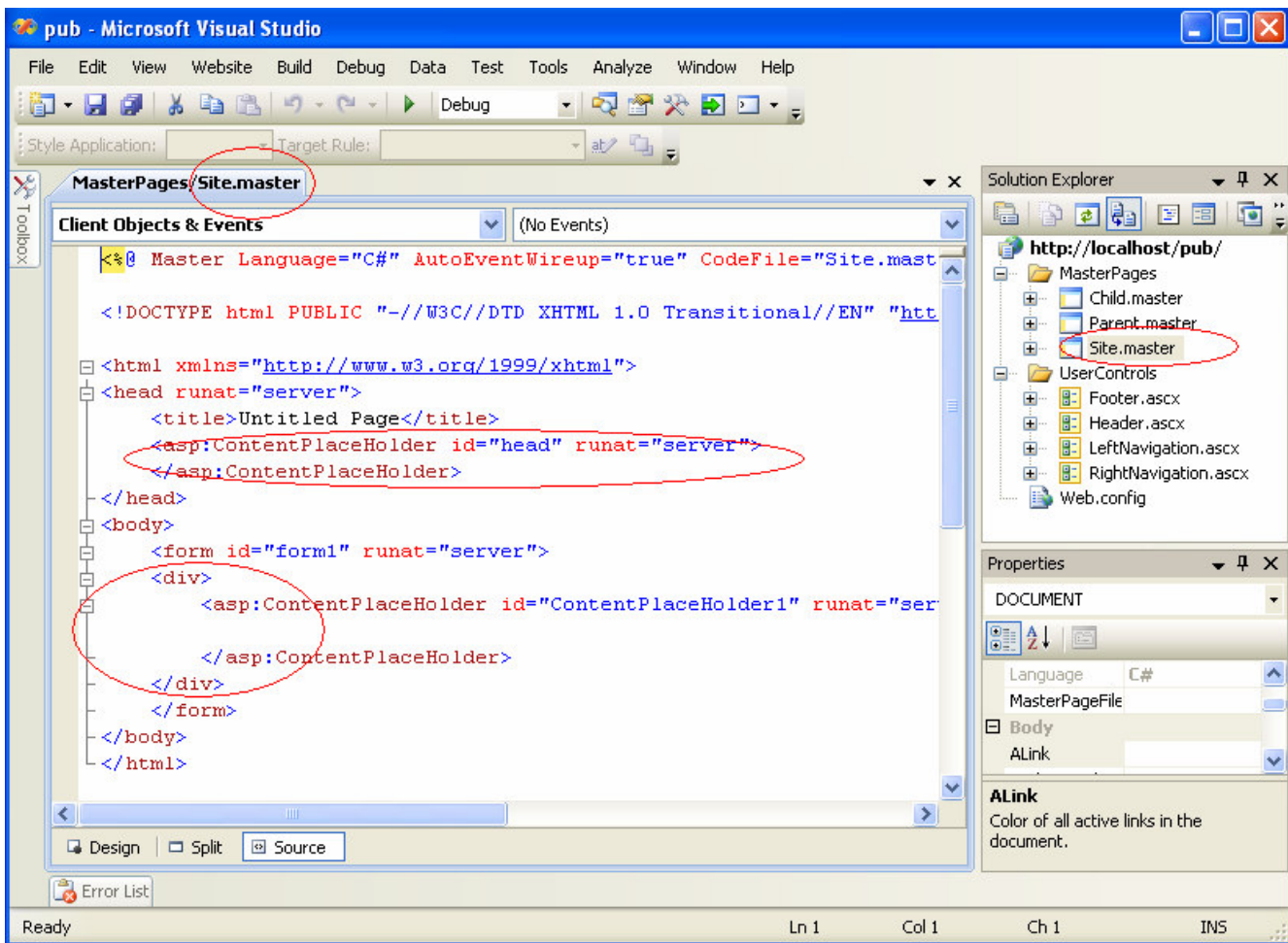
36. Just like master pages, add Web User Control inside the UserControls folder.



37. Add Header.ascx, Footer.ascx, LeftNavigation.ascx, RightNavigation.ascx inside the UserControls folder



38. Open Site.Master



39. Modify the content of Site.Master according to the following code-

```

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

```

```

<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN"
"http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">
<%@ Register Src="~/UserControls/Header.ascx" TagName="Header" TagPrefix="uc" %>
<%@ Register Src="~/UserControls/Footer.ascx" TagName="Footer" TagPrefix="uc" %>
<html xmlns="http://www.w3.org/1999/xhtml">
<head runat="server">
    <title>Untitled Page</title>
</head>
<body>
    <form id="form1" runat="server">
        <center>
            <table border="1" cellpadding="0" cellspacing="0" class="Body">
                <tr>
                    <td>
                        <uc:Header ID="Header1" runat="server" />
                    </td>
                </tr>
                <tr>
                    <td>
                        <asp:ContentPlaceHolder ID="cphContent" runat="server">
                        </asp:ContentPlaceHolder>
                    </td>
                </tr>
                <tr>
                    <td>
                        <uc:Footer ID="Footer1" runat="server" />
                    </td>
                </tr>
            </table>
        </center>
    </form>
</body>
</html>

```

40. Modify the content of Parent.Master according to the following code-

```

<%@ Master Language="C#" MasterPageFile="~/MasterPages/Site.master"
AutoEventWireup="false"
    CodeFile="Parent.master.cs" Inherits="MasterPages_Parent" %>

<%@ Register Src="~/UserControls/LeftNavigation.ascx" TagName="LeftNavigation"
TagPrefix="uc" %>
<%@ Register Src="~/UserControls/RightNavigation.ascx" TagName="RightNavigation"
TagPrefix="uc" %>
<asp:Content ContentPlaceHolderID="cphContent" runat="Server">
    <table border="1" cellpadding="0" cellspacing="0" width="100%">
        <tr>
            <td>
                <asp:ContentPlaceHolder ID="cphTopContent" runat="server">
                </asp:ContentPlaceHolder>
            </td>
        </tr>
        <tr>
            <td>
                <table border="1" cellpadding="0" cellspacing="0" width="100%">
                    <tr>
                        <td>
                            <uc:LeftNavigation ID="LeftNavigation1" runat="server" />
                        </td>
                        <td>
                            <asp:ContentPlaceHolder ID="cphBodyContent" runat="server">
                            </asp:ContentPlaceHolder>
                        </td>
                    </tr>
                </table>
            </td>
        </tr>
    </table>
</asp:Content>

```

```

                </td>
                <td>
                    <uc:RightNavigation ID="RightNavigation1" runat="server" />
                </td>
            </tr>
        </table>
    </td>
</tr>
<tr>
    <td>
        <asp:ContentPlaceHolder ID="cphBottomContent" runat="server">
            </asp:ContentPlaceHolder>
        </td>
    </tr>
</table>
</asp:Content>

```

41. Modify the content of Child.Master according to the following code-

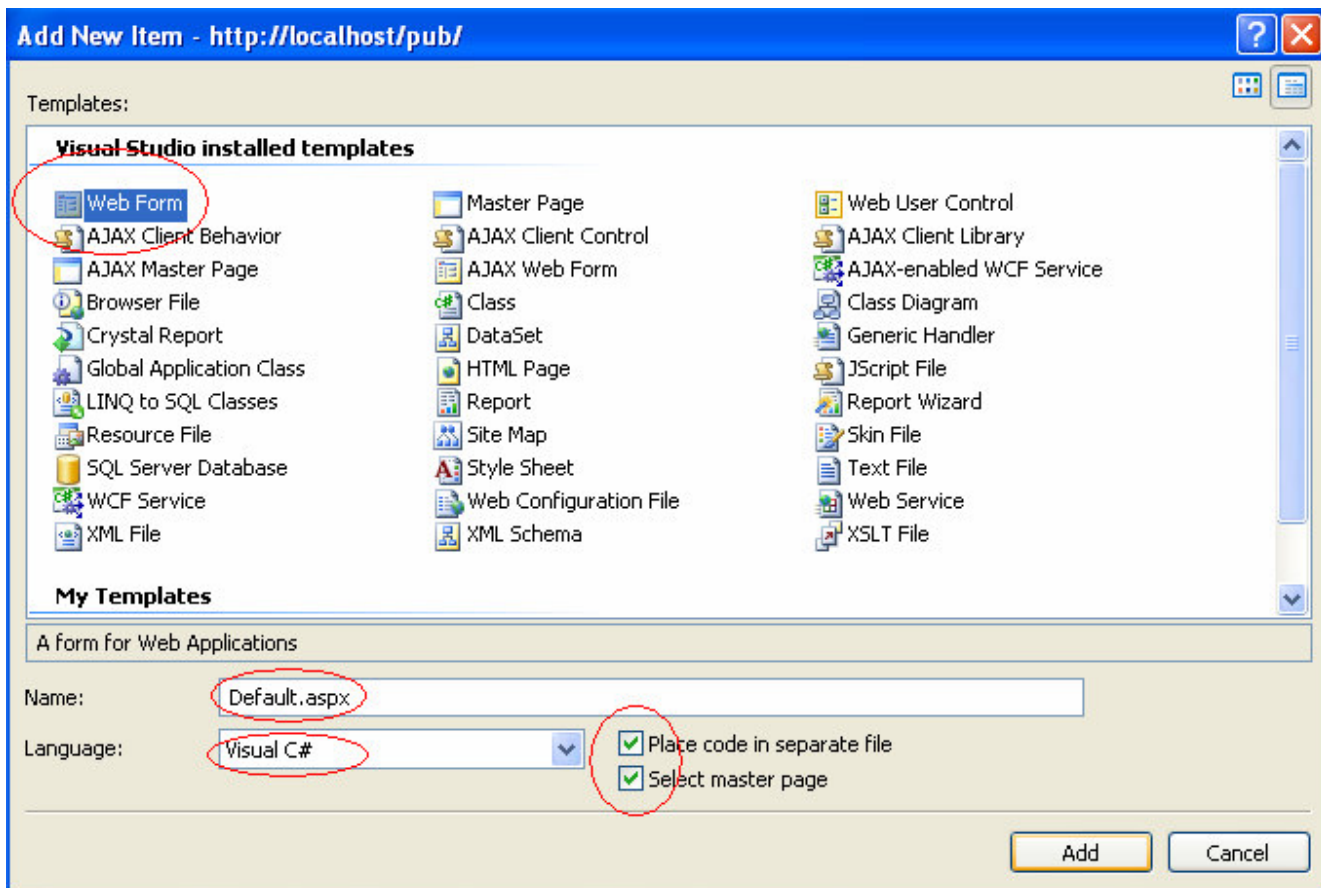
```

<%@ Master Language="C#" MasterPageFile="~/MasterPages/Parent.master"
AutoEventWireup="false"
    CodeFile="Child.master.cs" Inherits="MasterPages_Child" %>

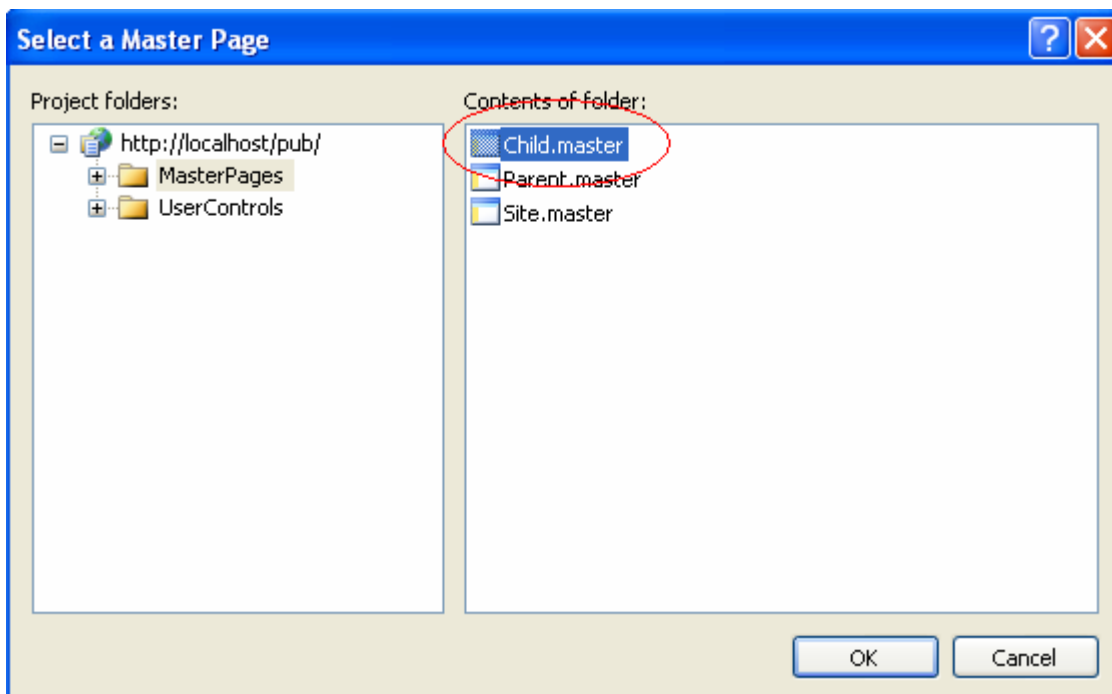
<asp:Content ContentPlaceHolderID="cphTopContent" runat="server">
</asp:Content>
<asp:Content ContentPlaceHolderID="cphBodyContent" runat="server">
    <asp:ContentPlaceHolder ID="cphBody" runat="server">
    </asp:ContentPlaceHolder>
</asp:Content>
<asp:Content ContentPlaceHolderID="cphBottomContent" runat="server">
</asp:Content>

```

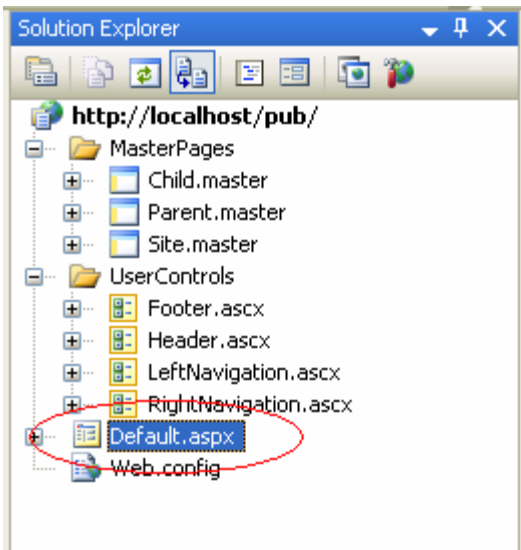
42. Add Default.aspx



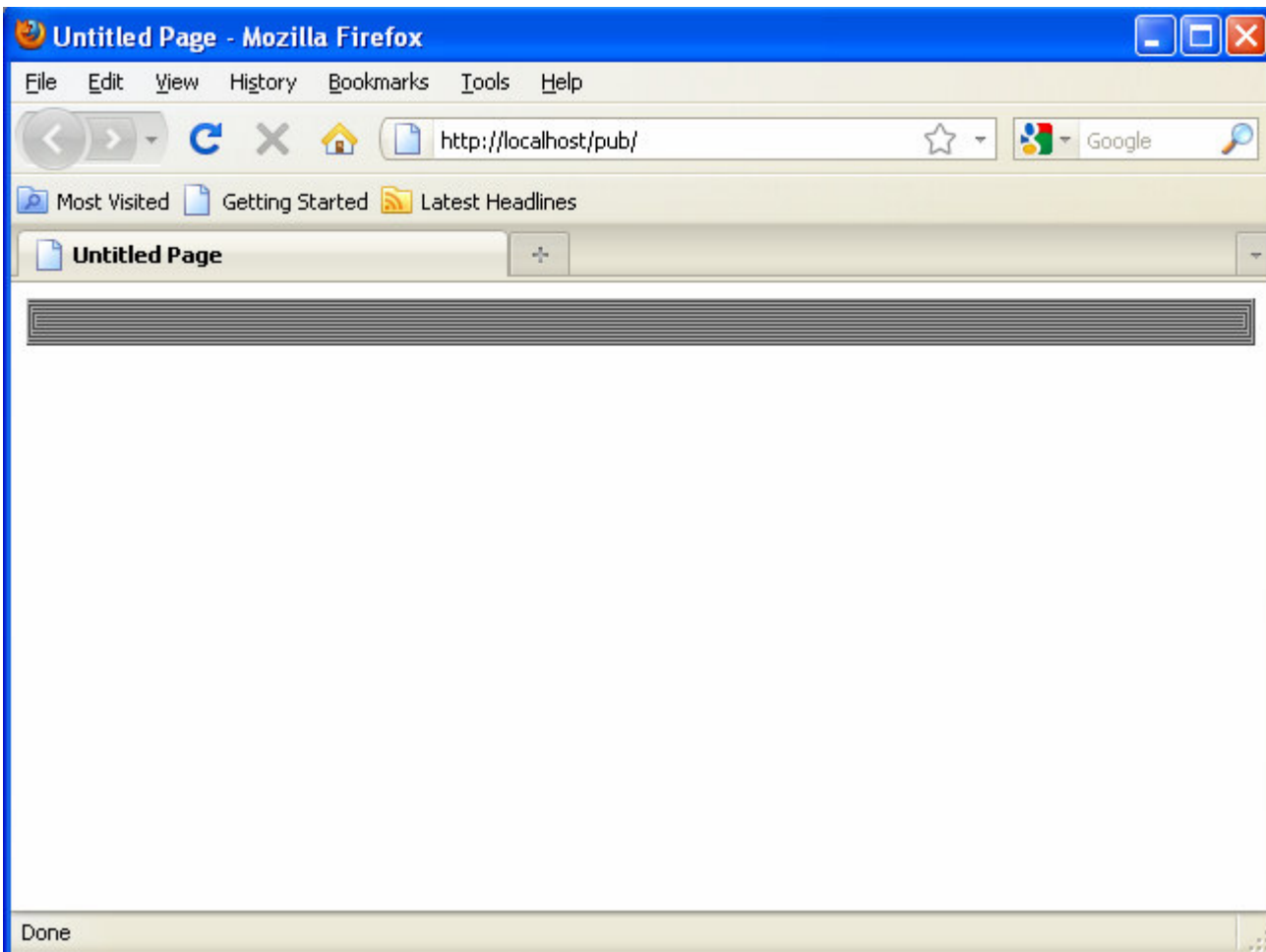
43. Select Child.Master



44. You will get this-

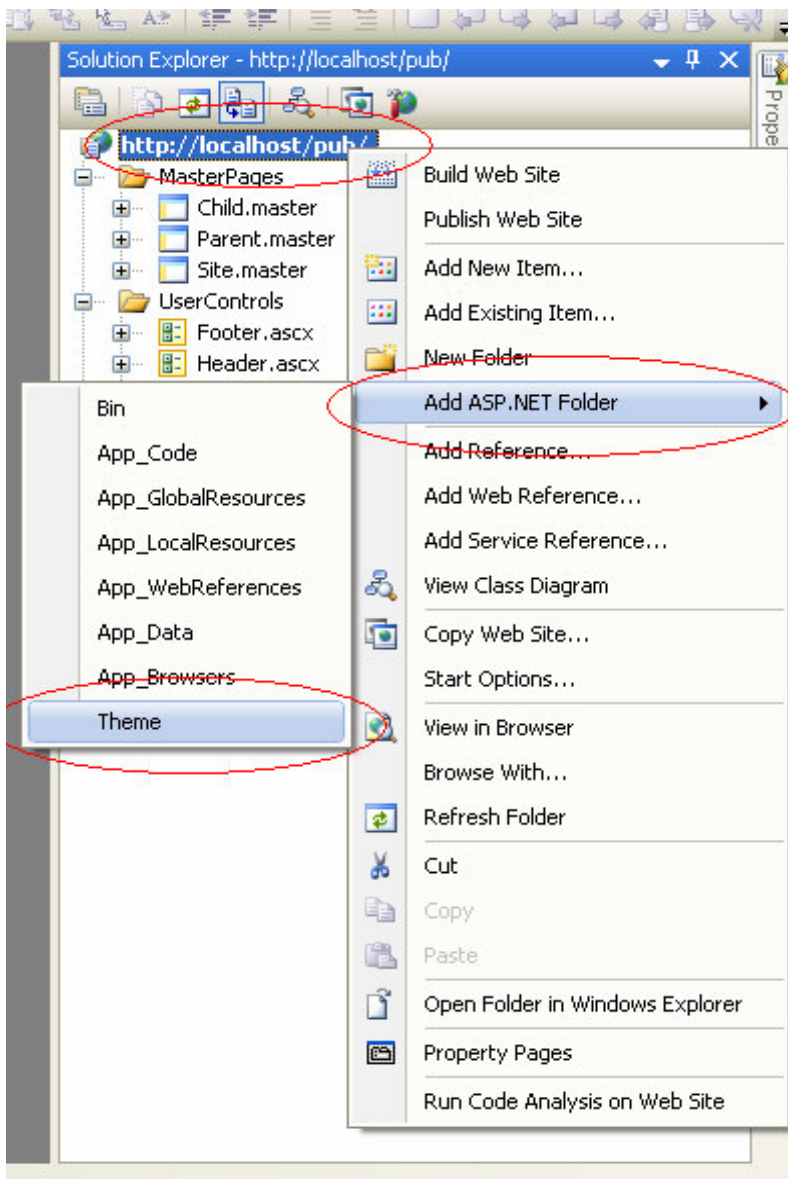


45. Run the web site (Press F5). If everything is alright the browser should appear like this-

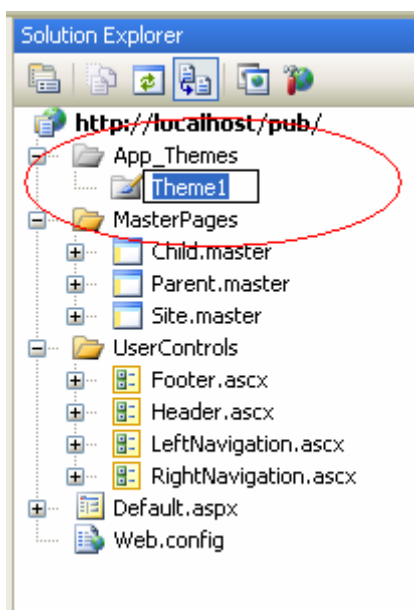


- 46. Go back to Visual Studio and stop debugging (press shift+F5)
- 47. Add ASP.NET Theme Folder

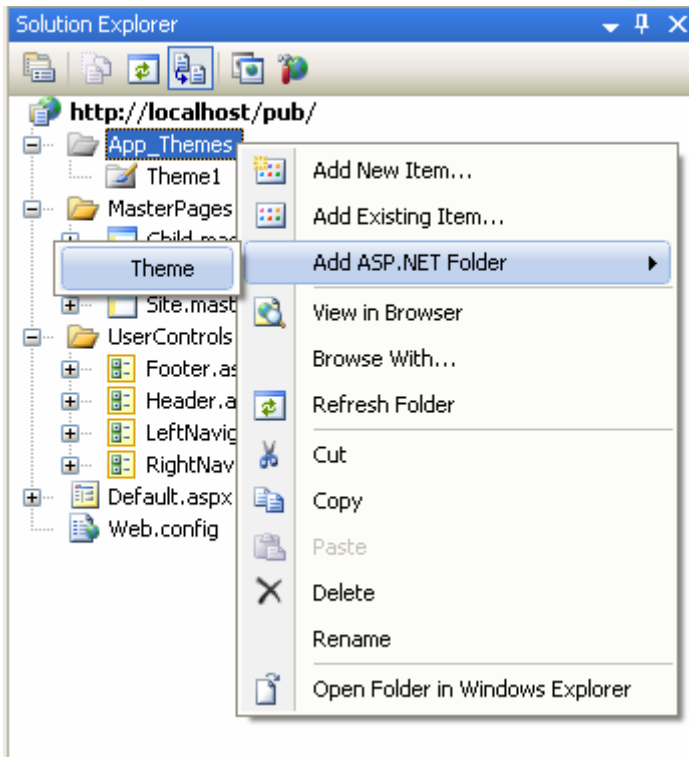




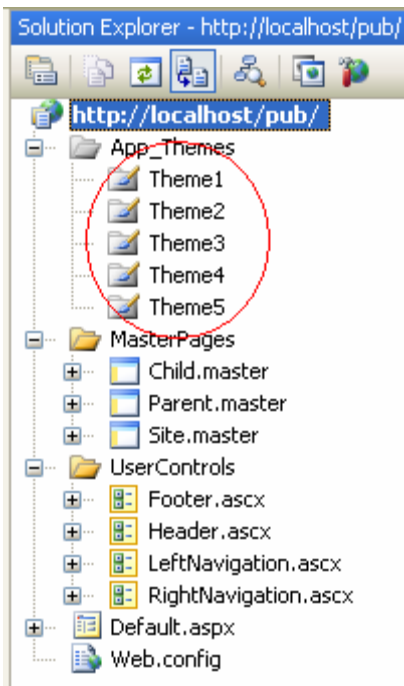
48. This should appear



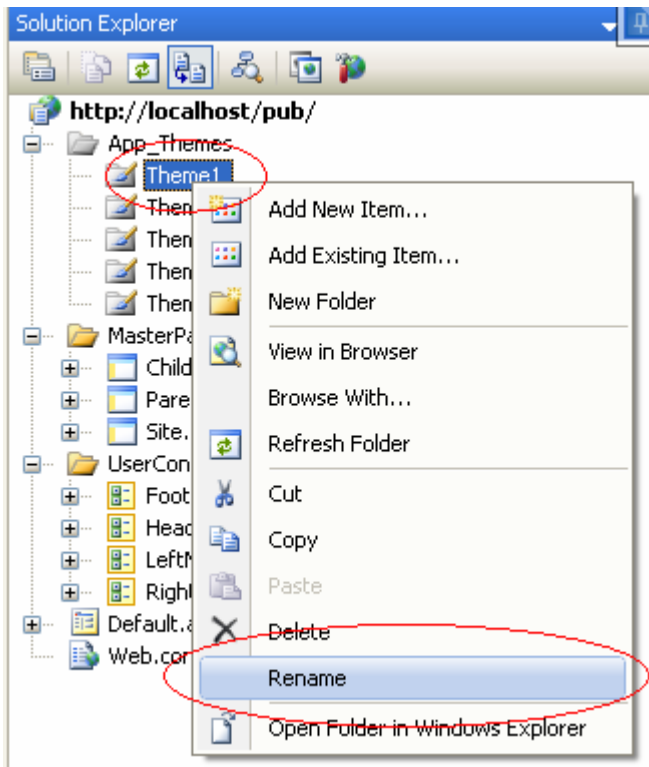
49. Right click App\_Theme and add five Theme Folders (Theme1, Theme2, Theme3, Theme4, Theme5)



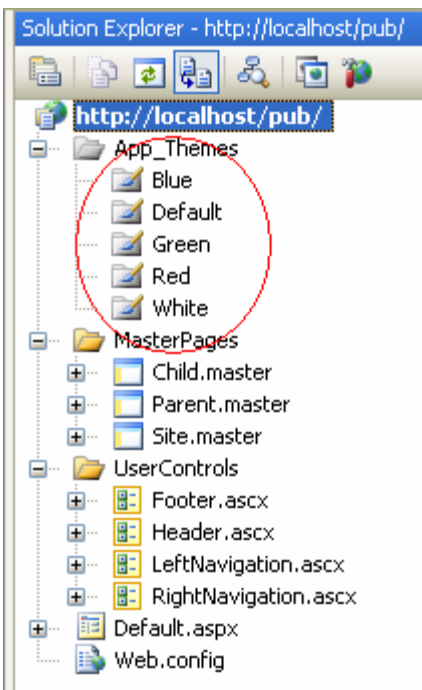
50. You will get this-



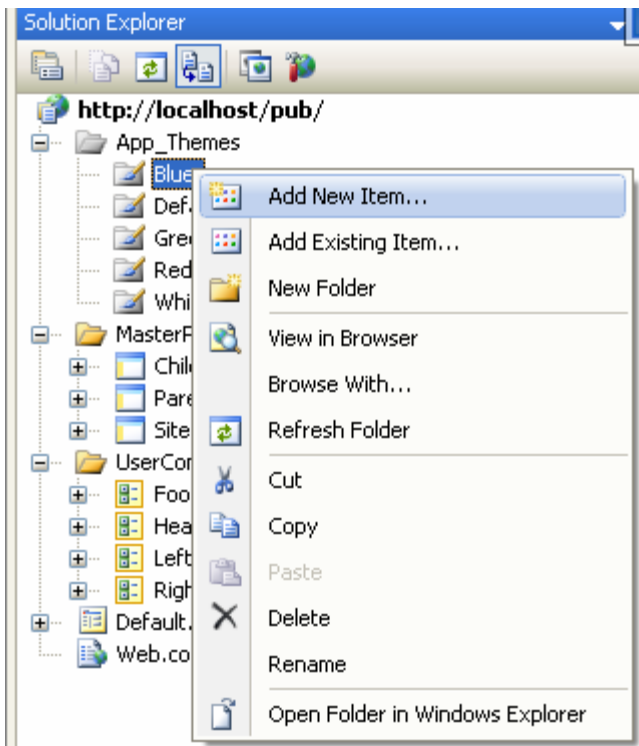
51. Rename Theme1 to Theme5 as (Default, Red, Green, Blue, White)



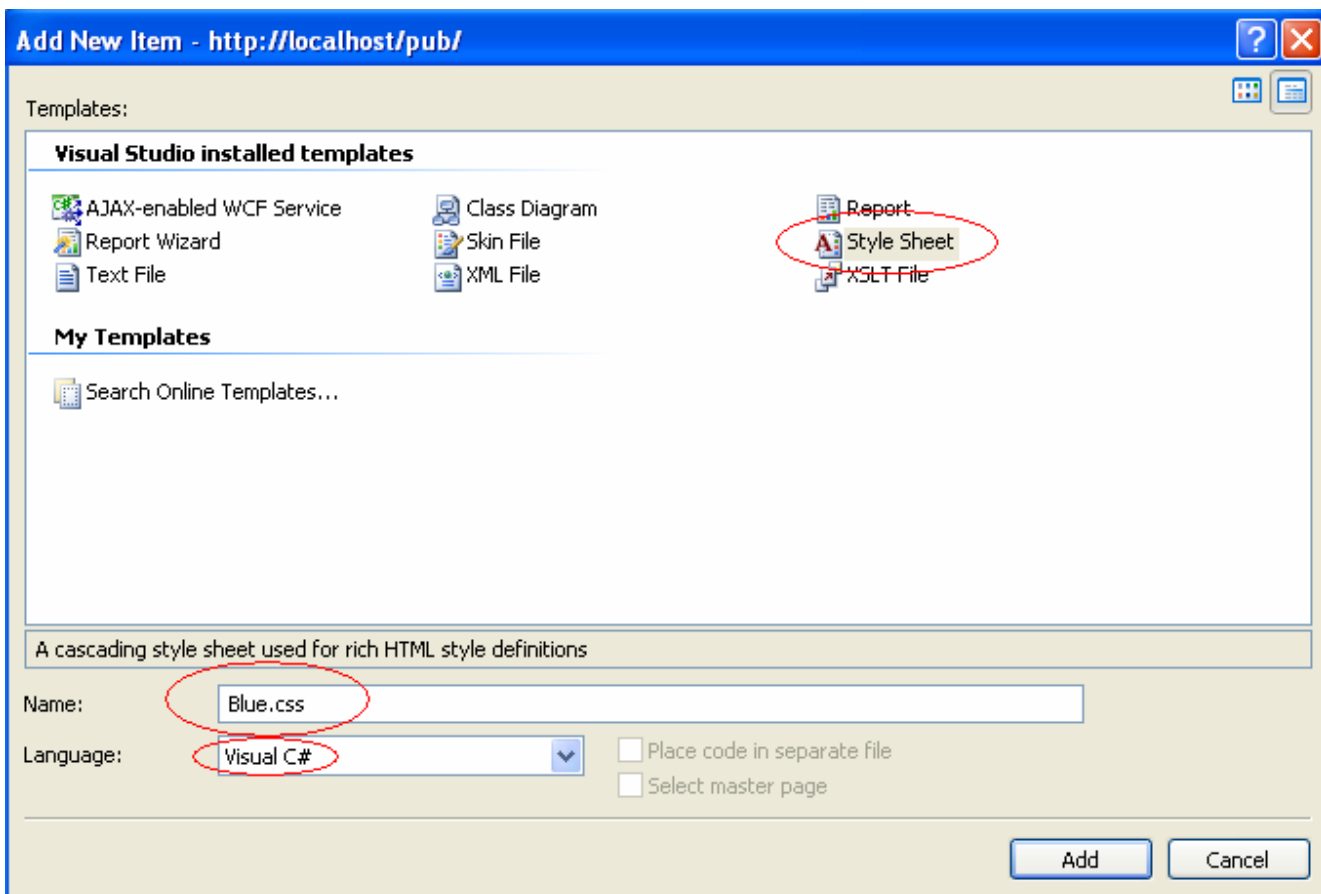
52. You will get this-



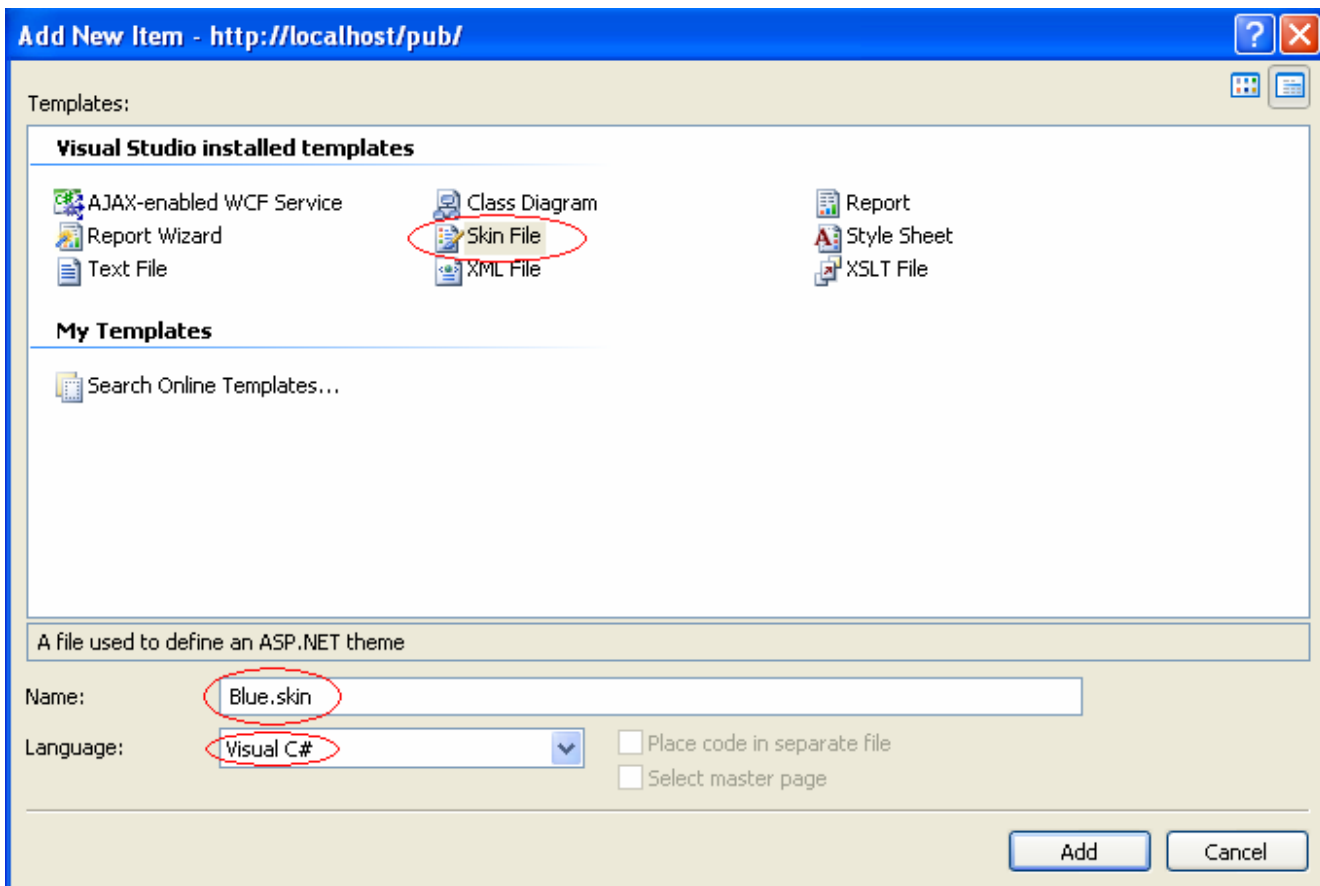
53. Right click on Blue and Add New Item



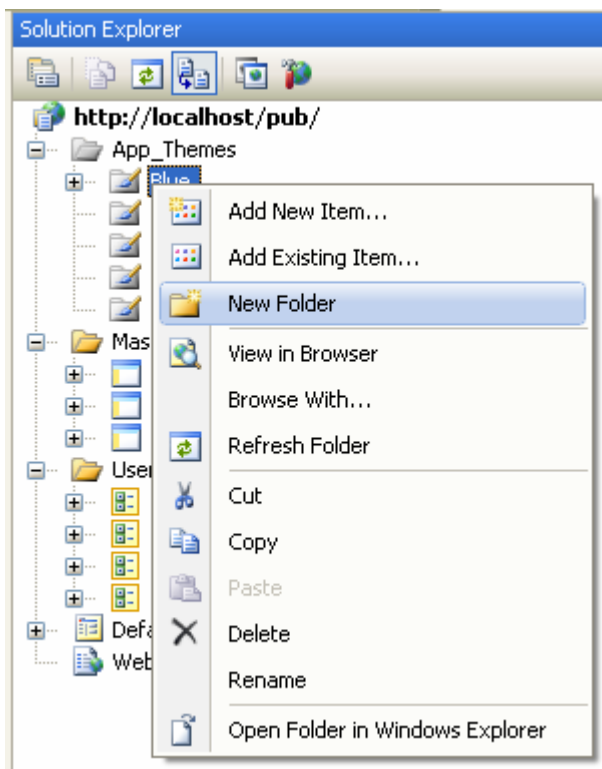
54. Add Blue.css



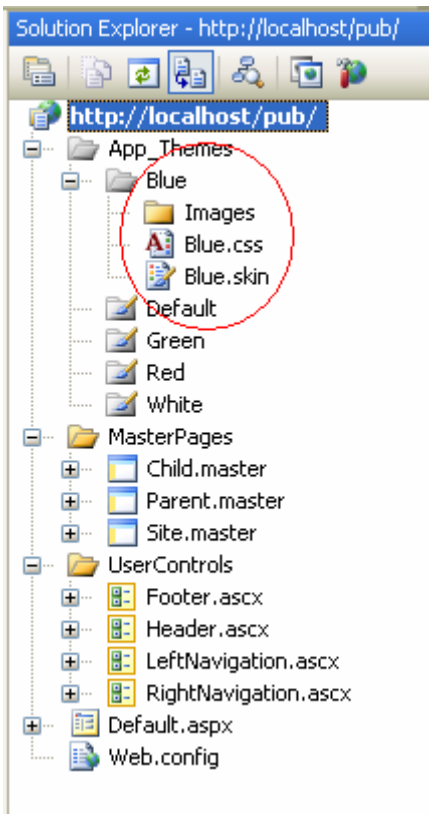
55. Similarly add Blue.skin



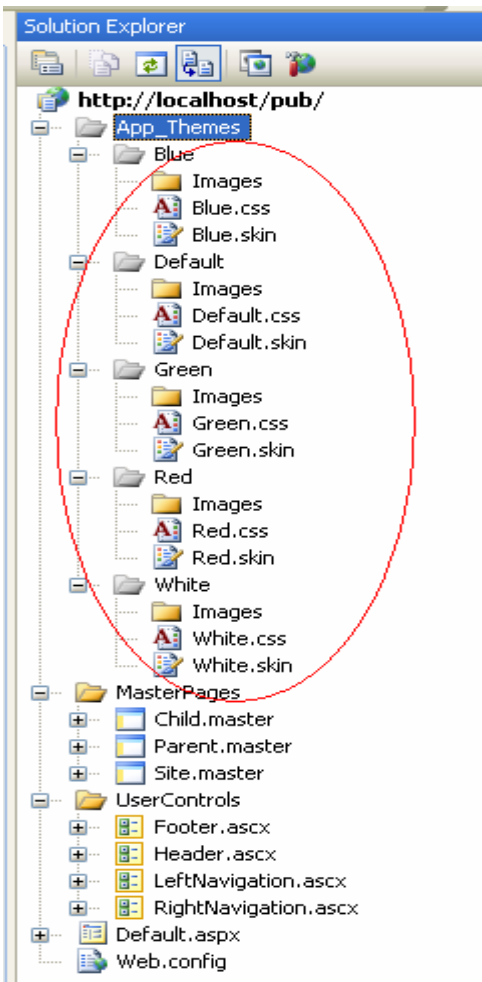
56. Add a New Folder named 'Images'



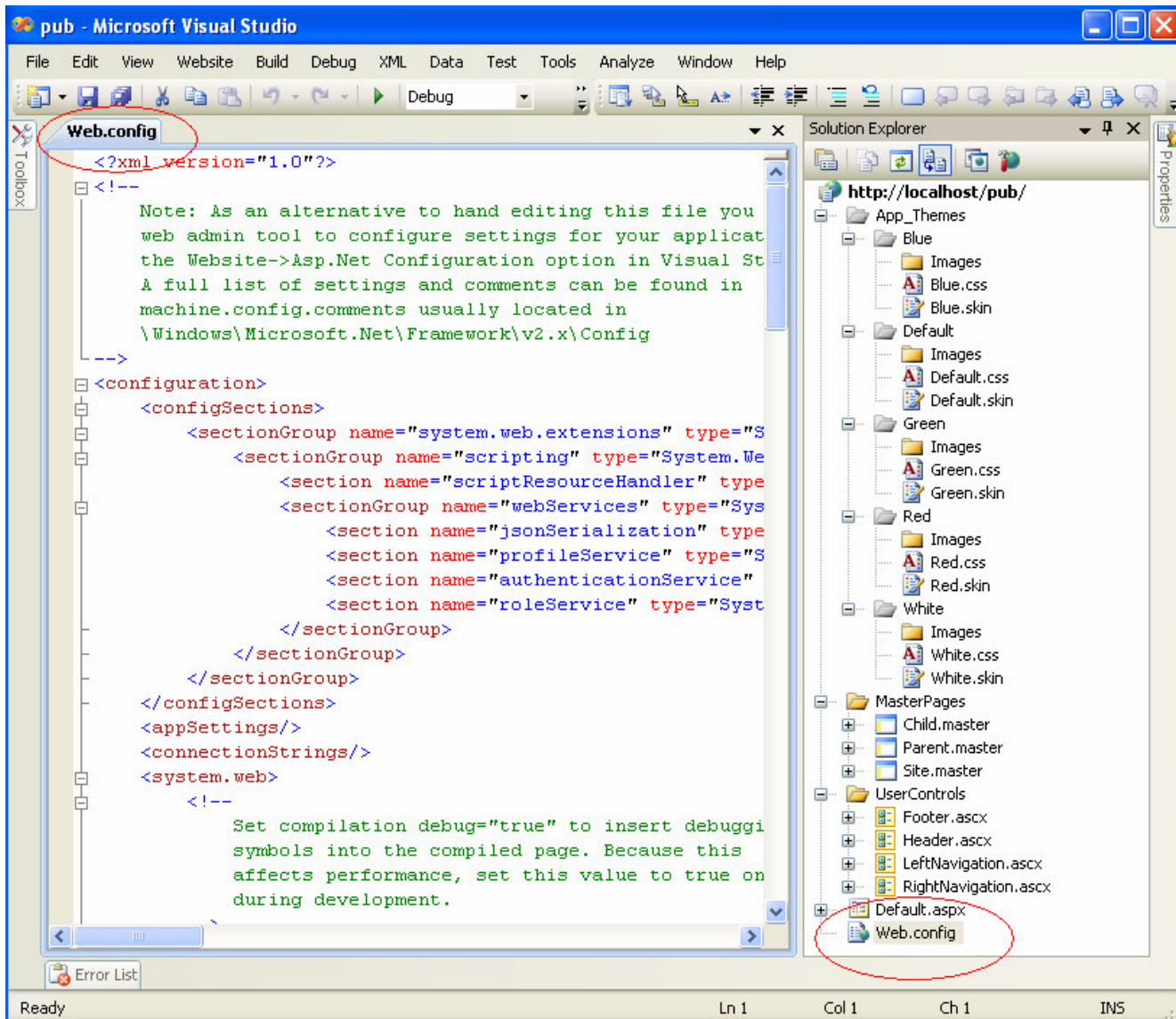
57. Blue theme folder should look like this



58. Do the same thing for other four theme folders and you will get this-

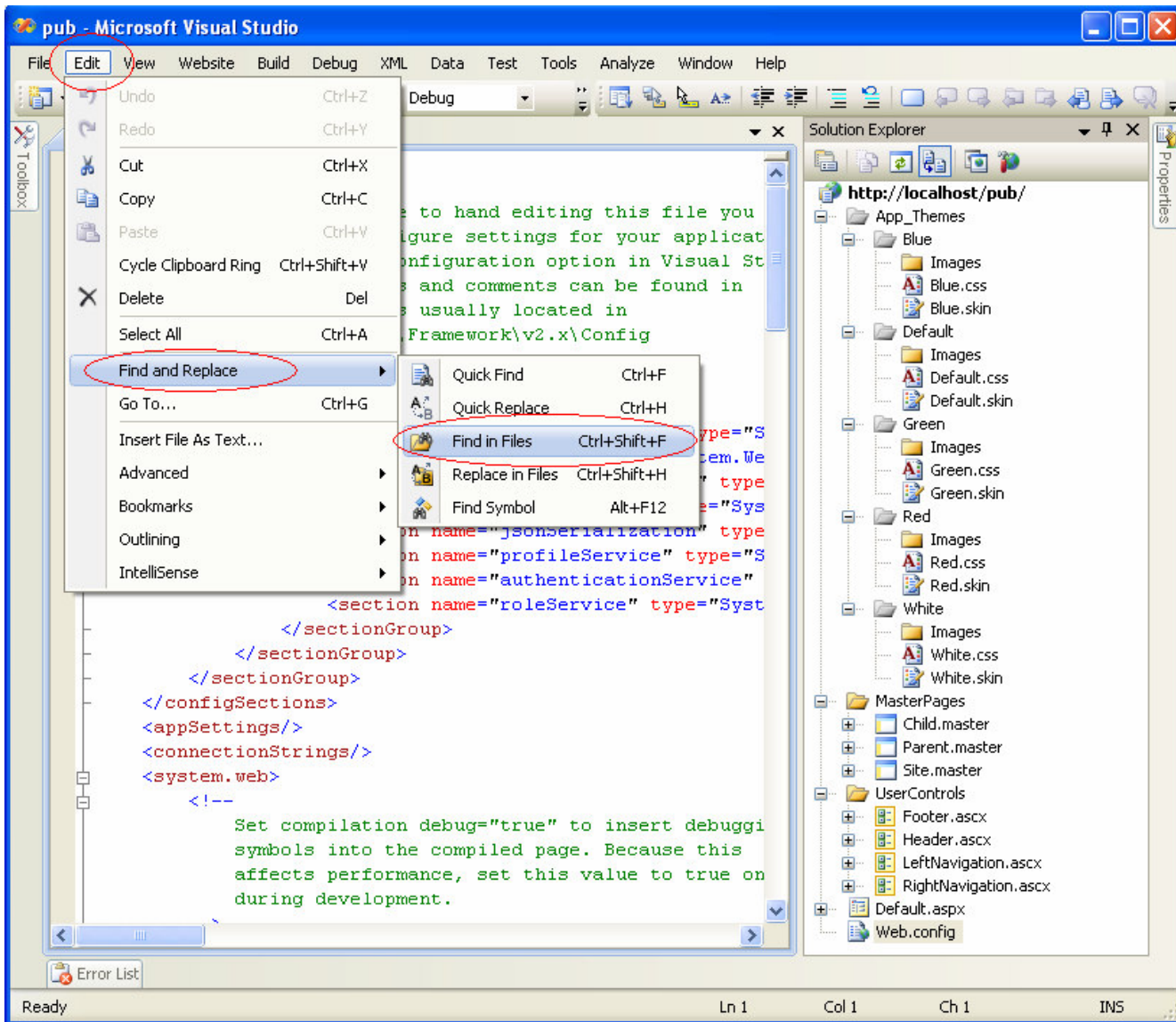


59. Now open Web.config file

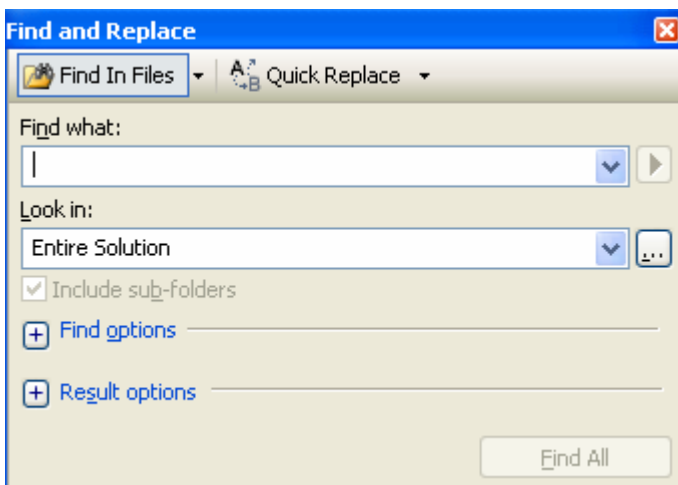


60. Now Press Ctrl+Shift+F



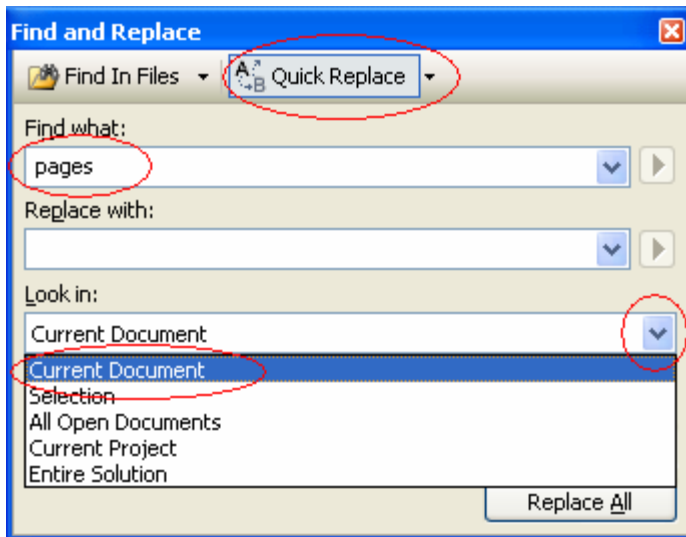


61. This will appear

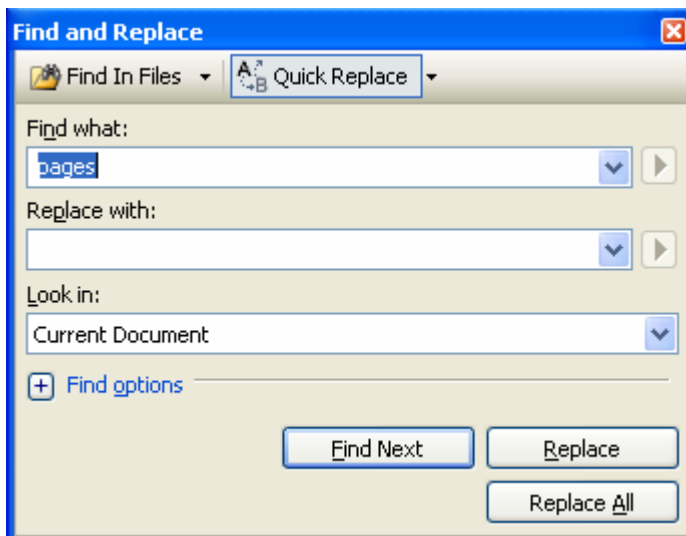


62. Type 'pages' and select Current Document and press Quick Replace

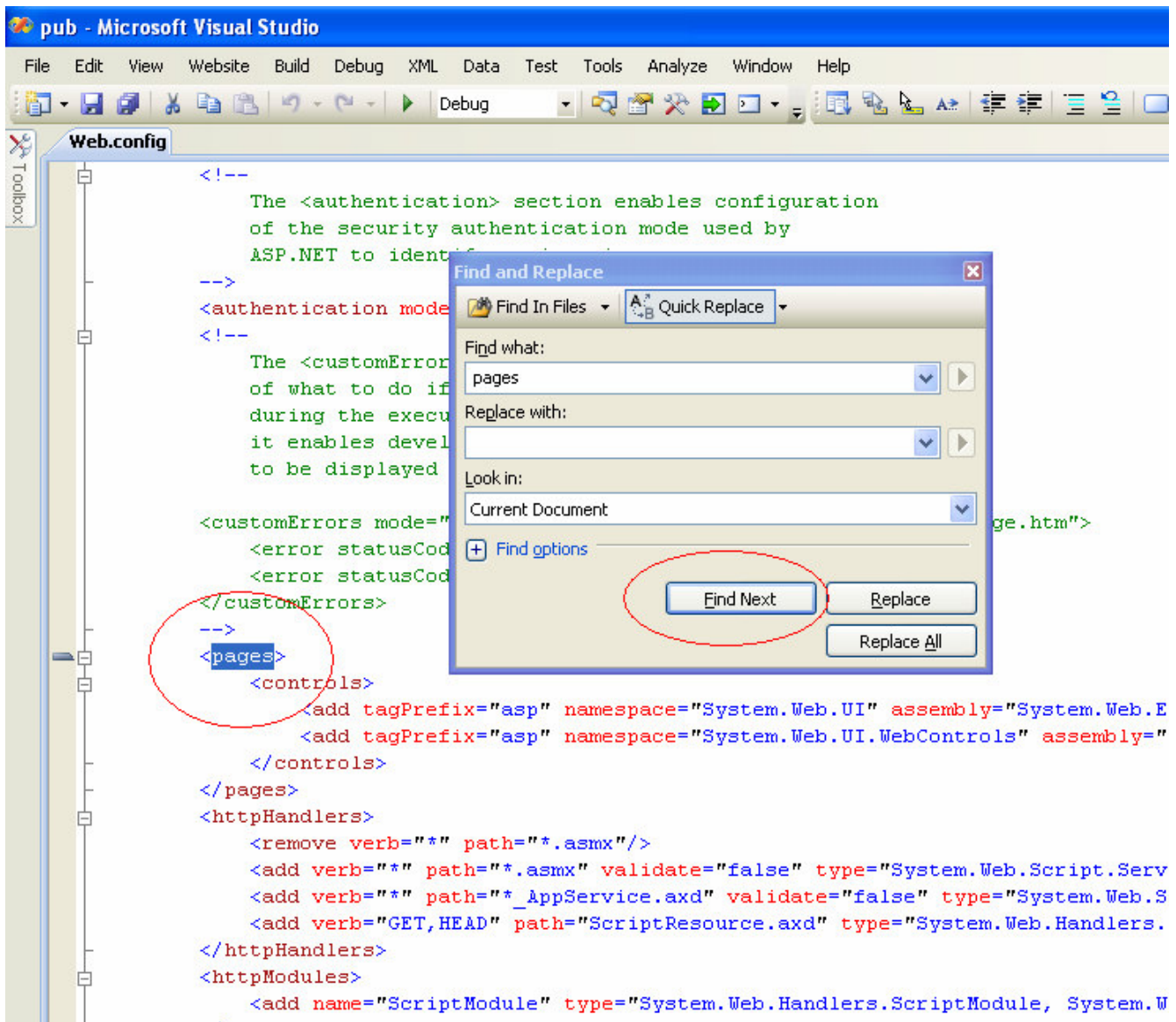




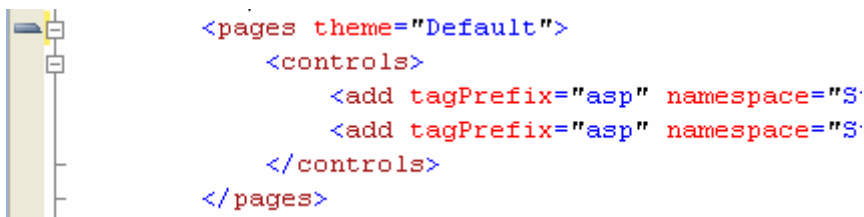
63. This should appear



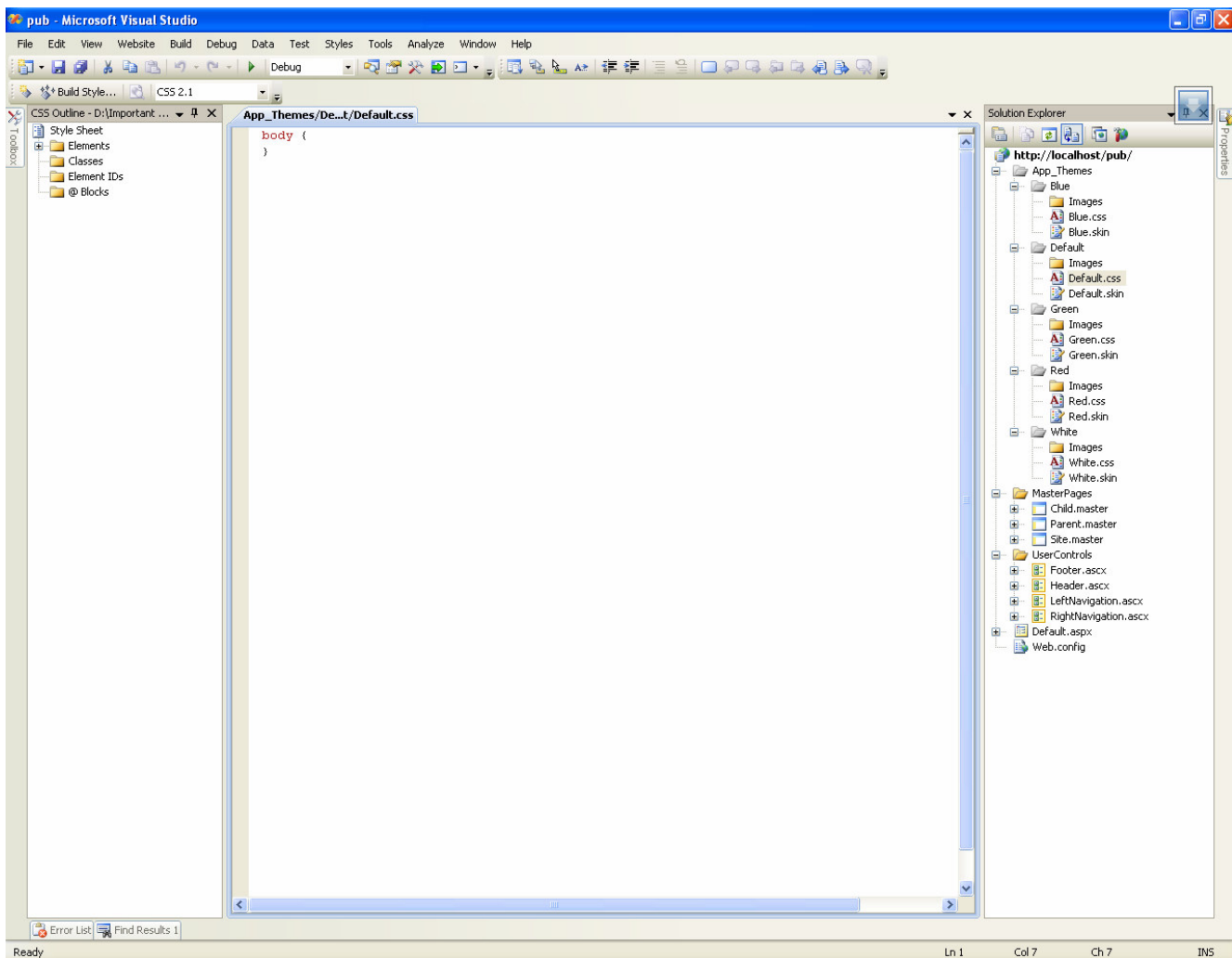
64. Click Find Next until you find the following.



65. After finding `<pages>` tag close the Find and Replace dialog box. Replace the `<pages>` tag with `<pages theme="Default">`



66. Open Default.css

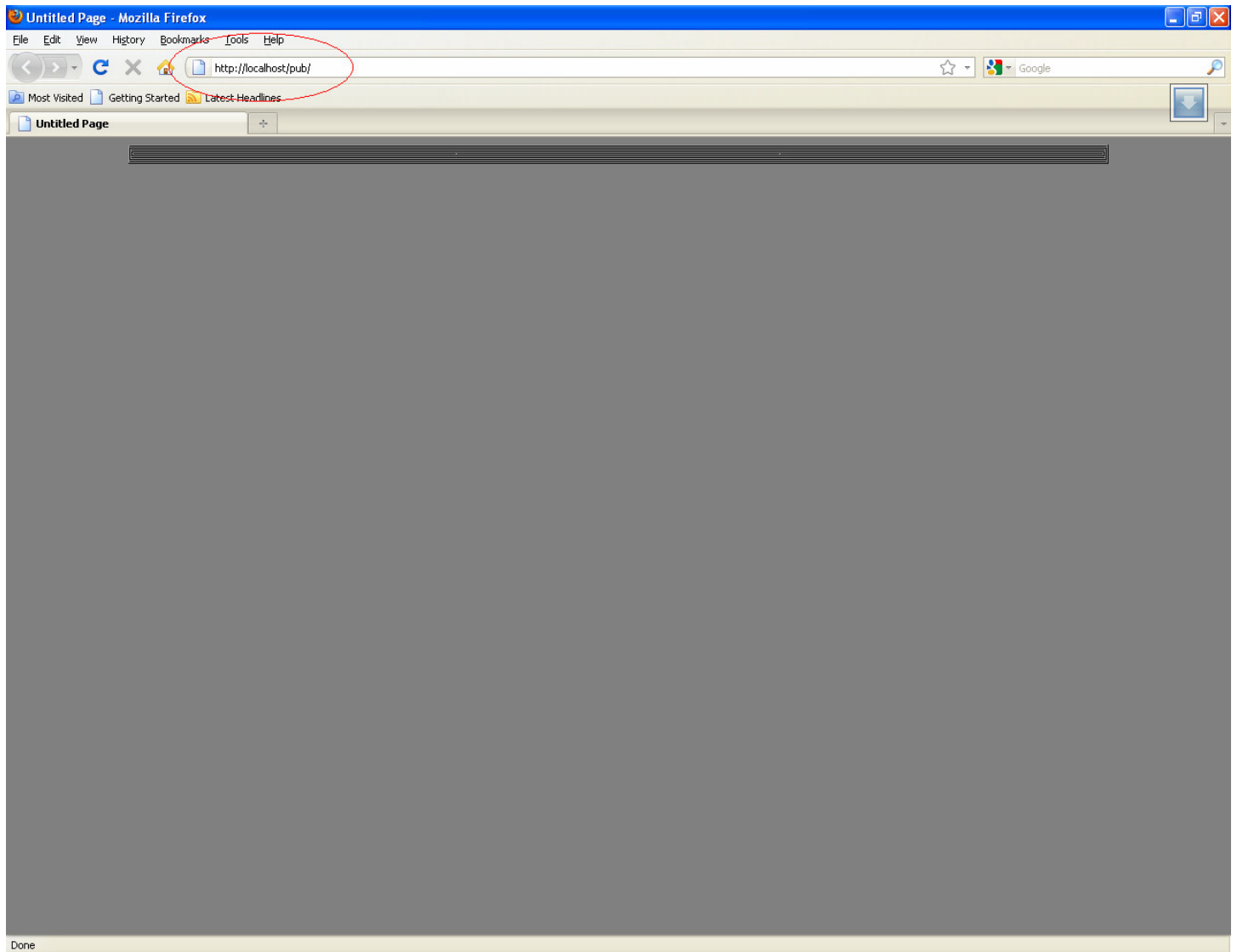


67. Inside `body { }` tag, write the following code-

```
body
{
    background-color: Gray;
}

/* The main table of Site.master*/
.Body
{
    width: 1024px;
}
```

68. Run the web site (Press F5). If everything is alright the browser should appear like this-



*That's all for this session.*

*Hope you will enjoy doing this.*

*Thanks for being with me.*