

.NET TECHNOLOGIES





.NET Technologies - Lecture 10

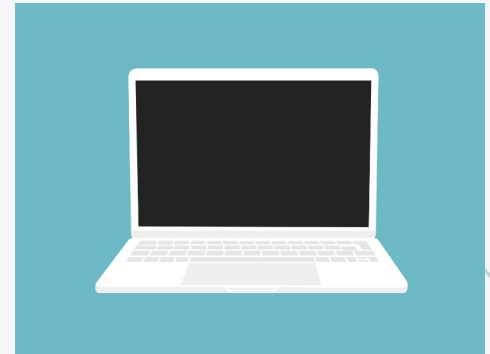
Presented by: Drashti Shrimal

UNIT 2: Topics in this presentation

Topics:

Master pages in .NET -

- Intro
- How to add a master page in asp.net application?



Master Pages - Intro

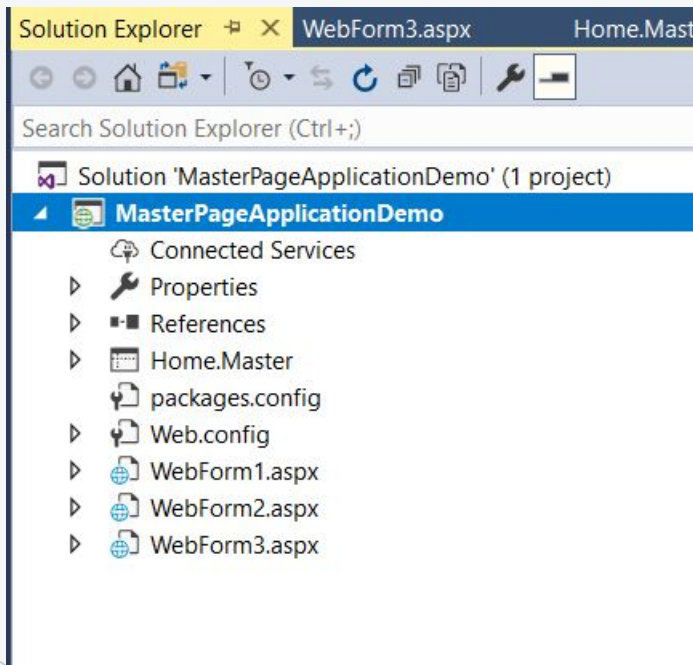
- Master page allows you to create a consistent look and behavior for all the pages in your web applications.
- Master Page Design is common for all the pages.
- Master page actually consists of two pieces, the master page itself and one or more content pages.
- A master page is an ASP.NET file with the extension .master.
- ContentPlaceholder control, which defines a region on the master page, is where the content pages can plug in page specific content.

Master Pages - Intro

- The @ Master directive defines it as a master page.
- ContentPlaceHolder control is only available for master pages.
- ASP.NET page that uses master pages is called content pages.

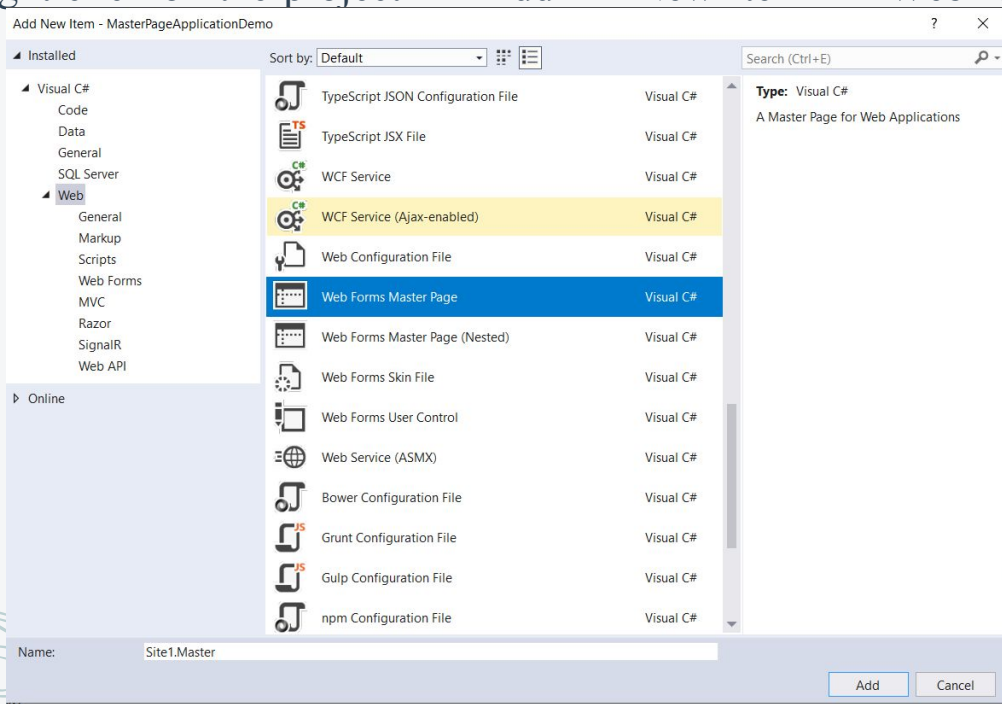
Master Pages - How to add?

Step 1: Add a new Project just as any other. File --> New --> Project. Select Empty option.



Master Pages - How to add?

Step 2: Right click on the project --> Add --> New Item --> Web forms Master Page.



Master Pages - How to add?

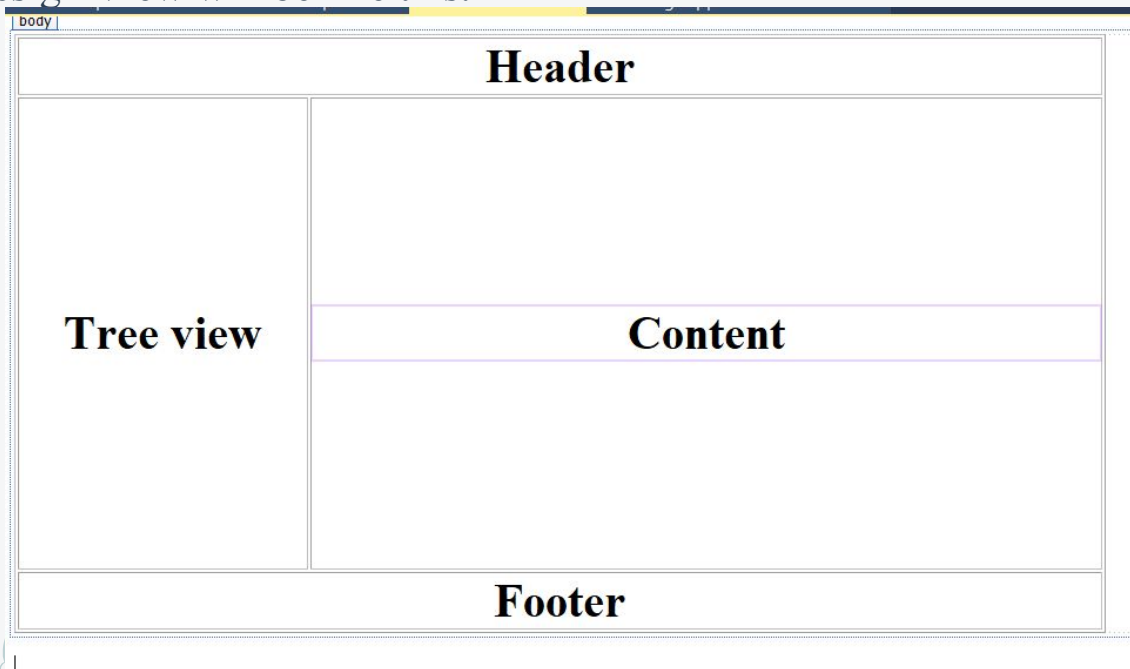
Step 3: In the source of Master page, remove the content place holder tags appearing. Then logically divide your page into sections you want as below :

```
<body>
  <form id="form1" runat="server">
    <div>
      <table border="1">
        <tr>
          <td colspan="2" style="text-align: center"><h1>Header</h1></td>
        </tr>
        <tr>
          <td class="auto-style2" style="text-align: center"><h1>Tree view</h1></td>

          <td class="auto-style3" style="text-align: center">
            <asp:ContentPlaceHolder ID="cp1" runat="server"><h1>Content</h1></asp:ContentPlaceHolder>
          </td>
        </tr>
        <tr>
          <td colspan="2" style="text-align: center"><h1> Footer </h1></td>
        </tr>
      </table>
    </div>
  </form>
</body>
```

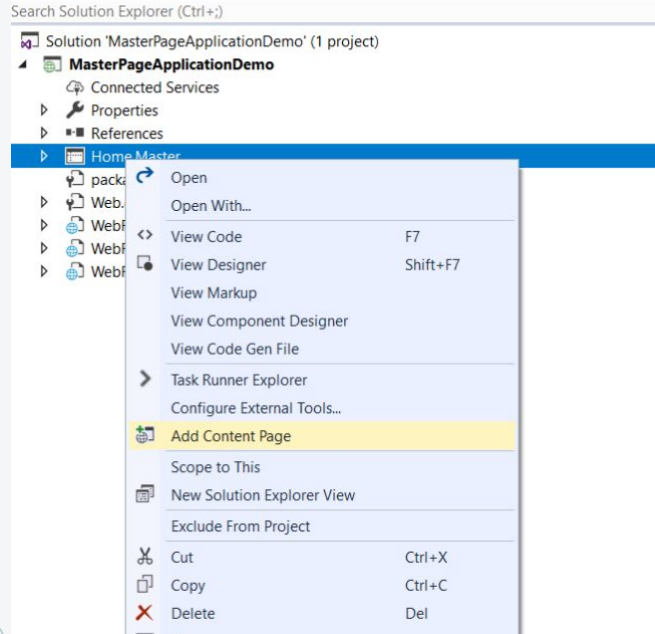

Master Pages - How to add?

The Design View will be like this:



Master Pages - How to add?

Step 4: Add Content pages, by right clicking on the Master Page. You will be directed to the content page immediately where you can start adding your code.



Master Pages - How to add?

```
<%@ Page Title="" Language="C#" MasterPageFile="~/Home.Master" AutoEventWireup="true"
<asp:Content ID="Content1" ContentPlaceholderID="cp1" runat="server">
    ADD CODE HERE|
</asp:Content>
```

Step 5: Add as many content pages you want. Set your Webform1.aspx or any page other than Master page as Start page and run your application.