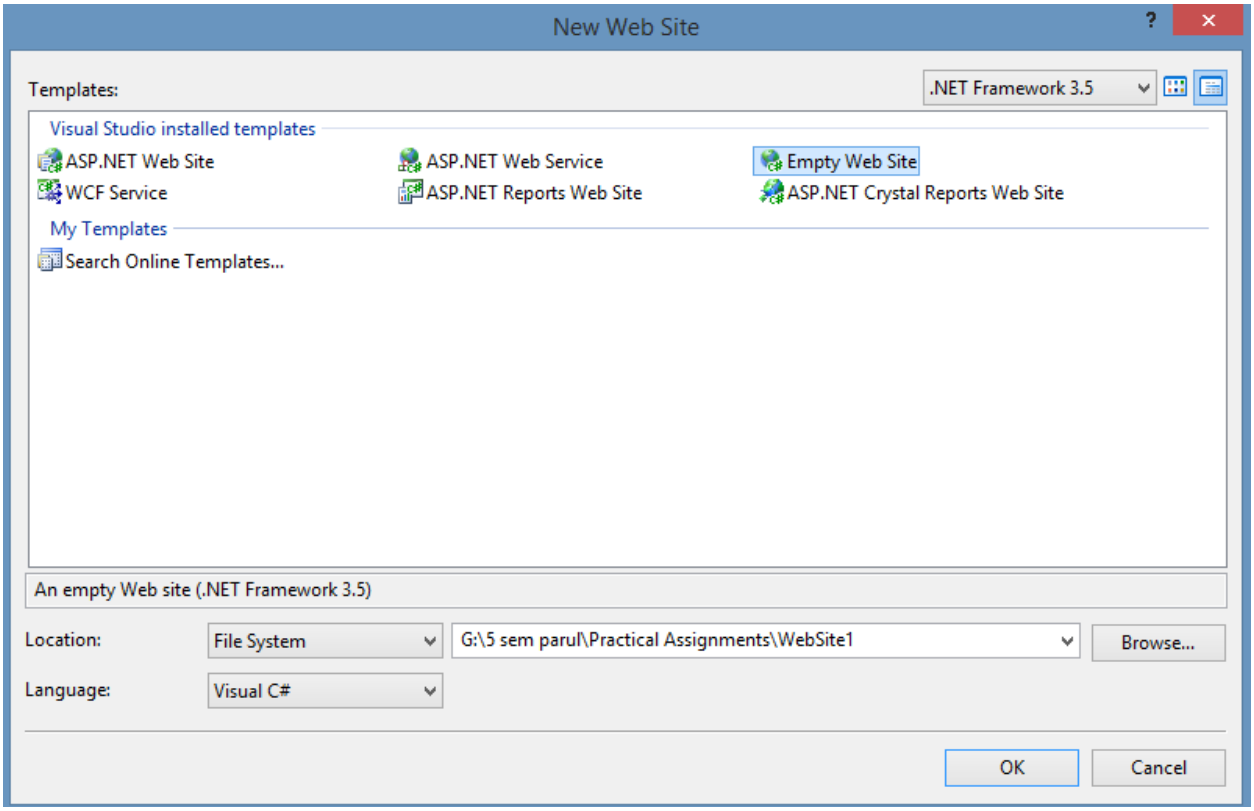
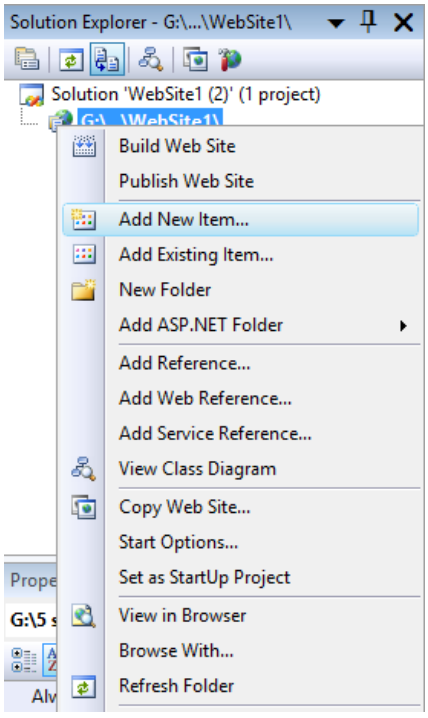
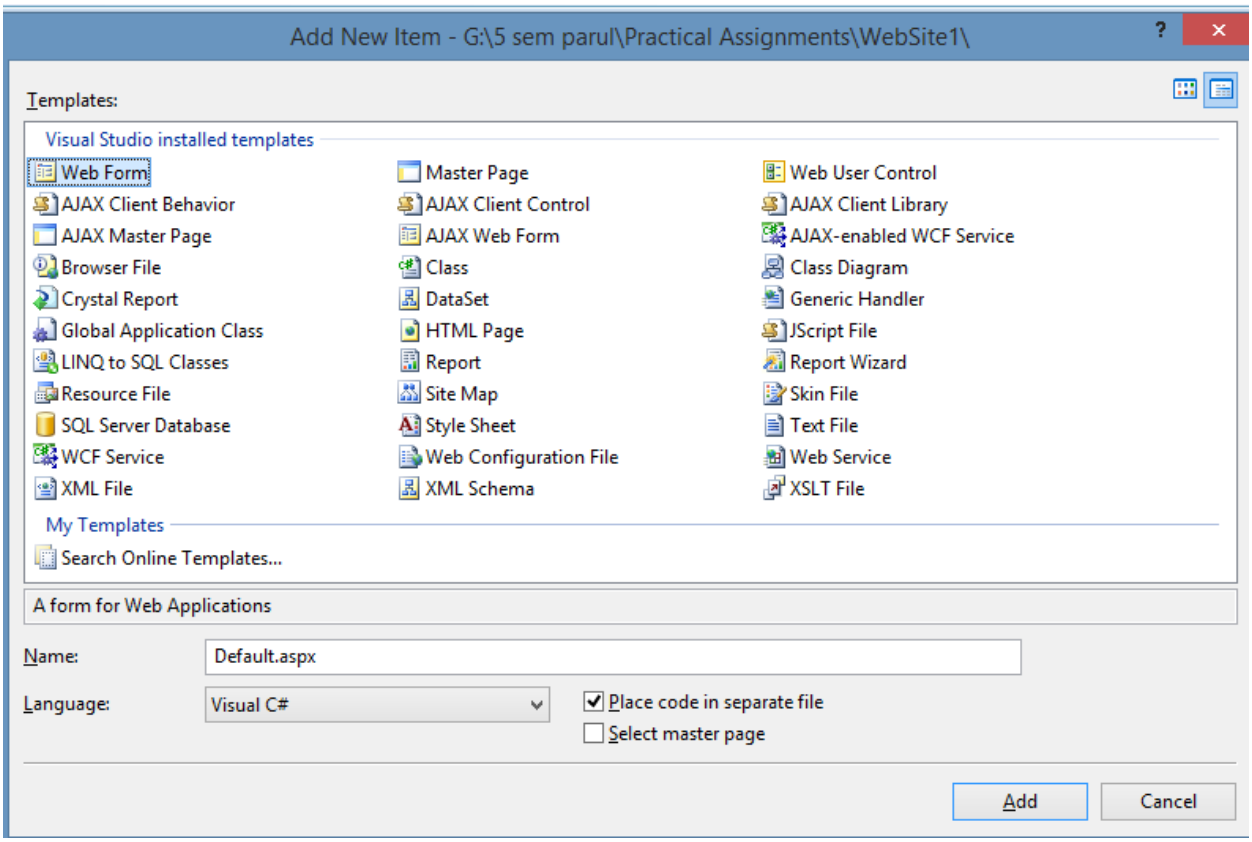
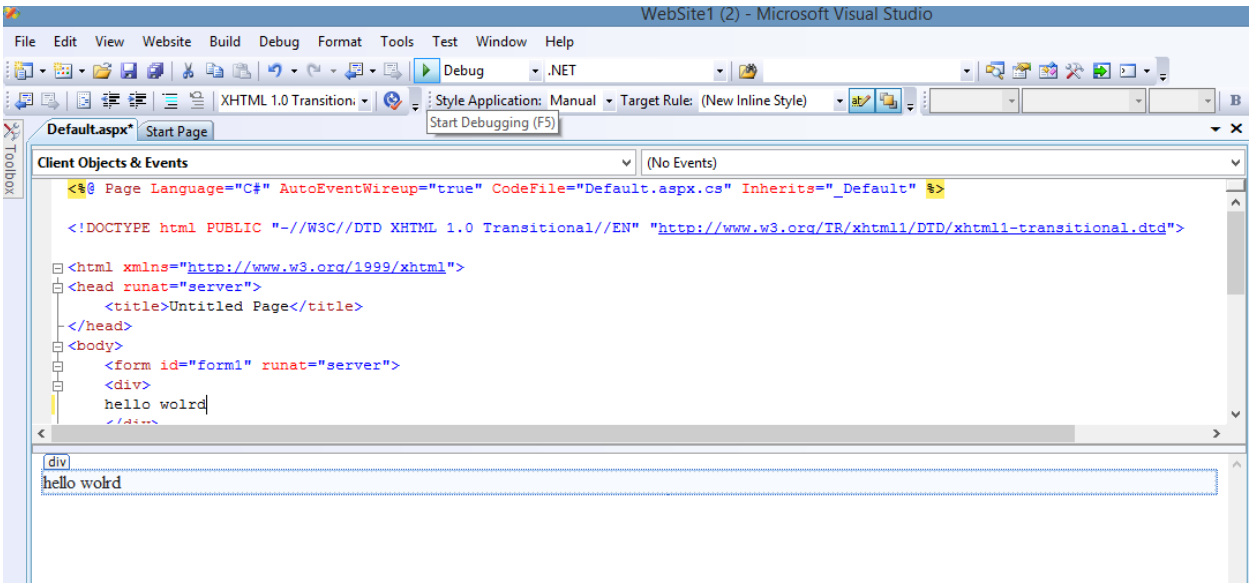
Assignment - 1

1. **Create a first ASP.NET Website and execute it on web browser.**



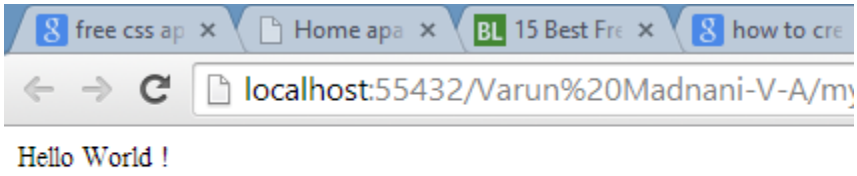



Add New Item - G:\5 sem parul\Practical Assignments\WebSite1\
Templates:
Visual Studio installed templates
Web Form
Master Page
Web User Control
AJAX Client Behavior
AJAX Client Control
AJAX Client Library
AJAX Master Page
AJAX Web Form
AJAX-enabled WCF Service
Browser File
Class
Class Diagram
Crystal Report
DataSet
Generic Handler
Global Application Class
HTML Page
JScript File
LINQ to SQL Classes
Report
Report Wizard
Resource File
Site Map
Skin File
SQL Server Database
Style Sheet
Text File
WCF Service
Web Configuration File
Web Service
XML File
XML Schema
XSLT File
My Templates
Search Online Templates...
A form for Web Applications
Name:
Default.aspx
Language:
Visual C#
Place code in separate file
Select master page
Add
Cancel


WebSite1 (2) - Microsoft Visual Studio
File Edit View Website Build Debug Format Tools Test Window Help
Debug
.NET
Style Application: Manual
Target Rule: (New Inline Style)
Start Debugging (F5)
Default.aspx*
Start Page
Client Objects & Events
(No Events)
<%@ Page Language="C#" AutoEventWireup="true" CodeFile="Default.aspx.cs" Inherits="_Default" %>
<!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>Untitled Page</title>
</head>
<body>
<form id="form1" runat="server">

hello wolrd
div
hello wolrd

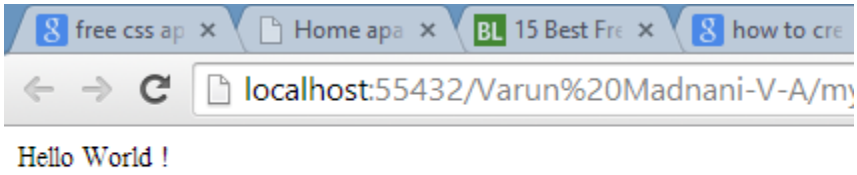
2. **Write ASP.NET program that will display “Hello World” on page load event.**



Code :

```
protected void Page_Load(object sender, EventArgs e)
    {
        Response.write(“Hello World ! “);
    }
```

3. **Write ASP.NET program that will display “Hello World” in Label control on form load event.**



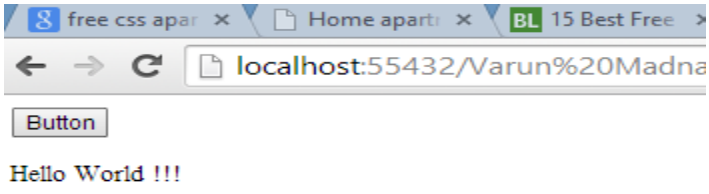
Design :

```
<body>
    <form id="form1" runat="server">
    <div>
    <asp:label ID="Label1" runat="server" text="Label"></asp:label>
    </div>
    </form>
</body>
```

Code :

```
protected void Page_Load(object sender, EventArgs e)
    {
        Label1.Text = "Hello World !";
    }
```

4. **Write ASP.NET program that will display “Hello World” in tag or <p> tag on click of button.**

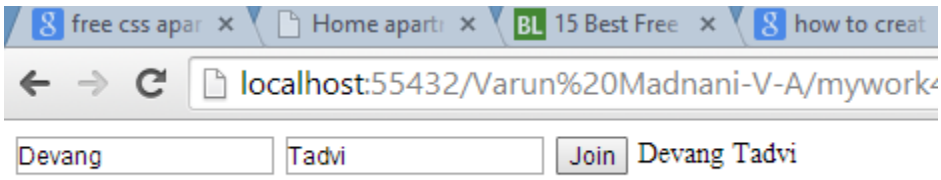


Design:

Code:

```
protected void Button1_Click(object sender, EventArgs e)
{
    Par.InnerText = "<b><u>Hello World !!!</u></b>";
}
```

5. **Write ASP.NET program that will do following operations:**
   - **Take two string values from textbox control, contcate it & display it.**



Design:

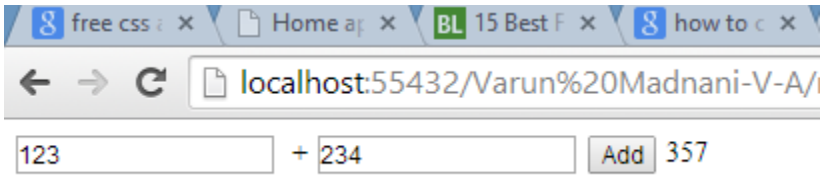
```
<body>
    <form id="form1" runat="server">
    <div>
        <asp:TextBox ID="TextBox1" runat="server"></asp:TextBox>
        <asp:textbox ID="Textbox2" runat="server"></asp:textbox>
        <asp:Button ID="Button1" runat="server" Text="Join" OnClick = "Button1_Click" />
        <asp:Label ID="Label1" runat="server" Text=" "></asp:Label>
```

```
    </div>
    </form>
</body>
```

Code:

```
    protected void Button1_Click(object sender, EventArgs e)
    {
        Label1.Text = TextBox1.Text + Textbox2.Text;
    }
```

- Take two int values and calculate addition.



Design:

```
<body>
    <form id="form1" runat="server">
    <div>
        <asp:TextBox ID="TextBox1" runat="server"></asp:TextBox>  +
        <asp:TextBox ID="TextBox2" runat="server"></asp:TextBox>
        <asp:Button ID="Button1" runat="server" Text="Add" onclick="Button1_Click" />
        <asp:Label ID="Label1" runat="server" Text=""></asp:Label>
    </div>
    </form>
</body>
```

Code:

```
protected void Button1_Click(object sender, EventArgs e)
    {
        int a, b, c;
        a = Convert.ToInt32(TextBox1.Text);
        b = Convert.ToInt32(TextBox2.Text);
        c = a + b;
        Label1.Text = Convert.ToString(c);
    }
```

6. **Write ASP.NET program that will take two int values &calculate a^b.**

Design:

```
<form id="form1" runat="server">
    <div>
        <asp:TextBox ID="TextBox1" runat="server"></asp:TextBox>
        <asp:TextBox ID="TextBox2" runat="server"></asp:TextBox>
        <asp:Button ID="Button1" runat="server" Text="Result" onclick="Button1_Click" />

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

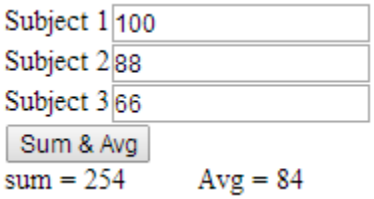
Code:

```
    protected void Button1_Click(object sender, EventArgs e)
    {
        double a, b, c;
        a = Convert.ToInt32(TextBox1.Text);
        b = Convert.ToInt32(TextBox2.Text);
        c = Math.Pow(a, b);

        Label1.Text = TextBox1.Text + "^"+TextBox2.Text+" = "+ Convert.ToString(c);

    }
```

7. **Write ASP.NET program that will take 3 subject marks & find Total & Average.**



Design:

```
<div>
        <asp:Label ID="Label1" runat="server" Text="Subject 1">
            <asp:TextBox ID="TextBox1" runat="server"></asp:TextBox><br />
            <asp:Label ID="Label2" runat="server" Text="Subject 2"></asp:Label><asp:TextBox
ID="TextBox2"
                runat="server"></asp:TextBox><br />
            <asp:Label ID="Label3" runat="server" Text="Subject 3"></asp:Label><asp:TextBox
ID="TextBox3"
                runat="server"></asp:TextBox><br />
        </asp:Label>
        <asp:Button ID="Button1"
            runat="server" Text="Sum & Avg" onclick="Button1_Click" />
        <br />
        <asp:Label ID="Label4" runat="server"
Text="Label"></asp:Label>         <asp:Label ID="Label5"
            runat="server" Text="Label"></asp:Label>
    </div>
```

Code:

```
  protected void Button1_Click(object sender, EventArgs e)
    {
        int sum = int.Parse(TextBox1.Text) + int.Parse(TextBox2.Text) + int.Parse(TextBox3.Text);
        float avg = sum/3;
        Label4.Text = "sum = " + sum.ToString();
        Label5.Text = "Avg = " + avg.ToString();
    }
```