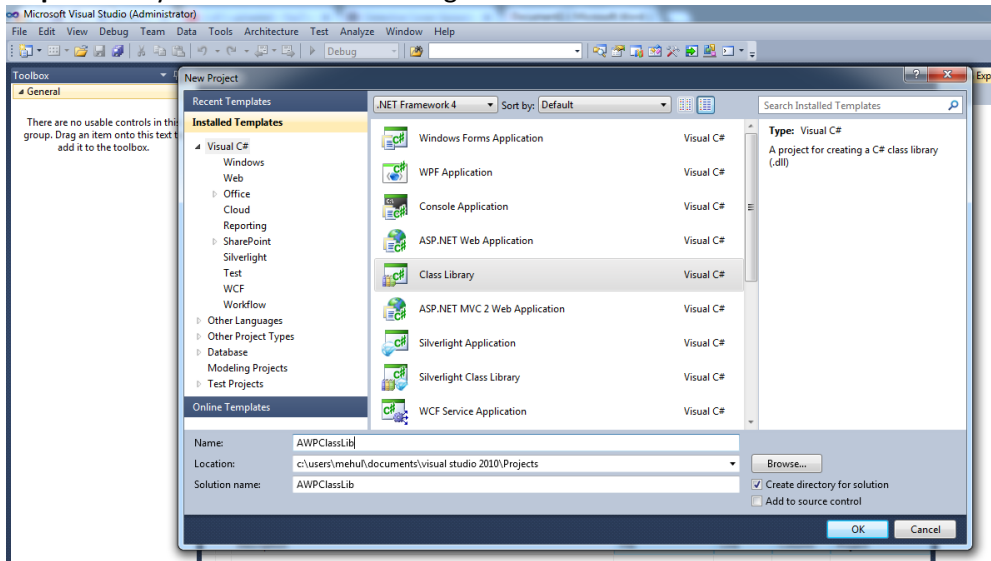


## Practical 11: Programs to create and use DLL

**Step 1:** Open Visual Studio and Create New Project by Clicking New -> Project

**Step 2:** Select "Class Library"

**Step 3:** Now you will see the following screen

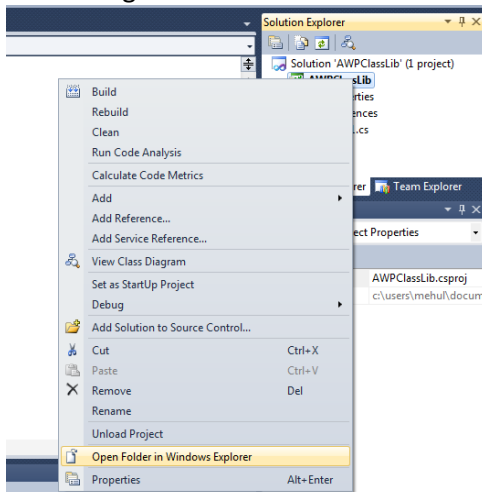


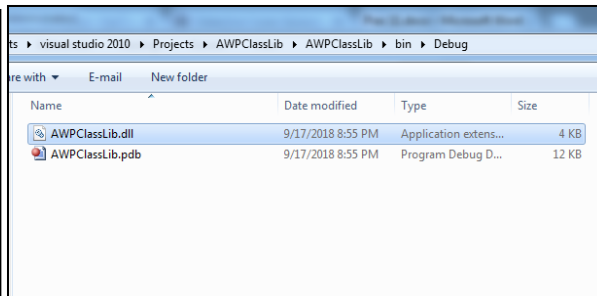
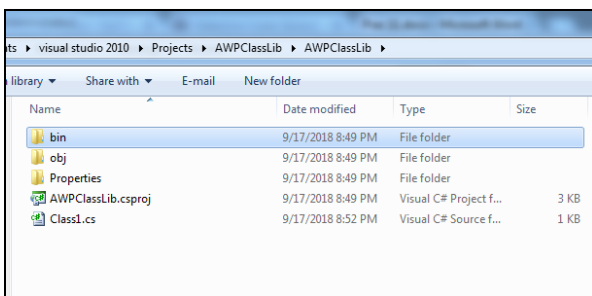
**Step 4:** Changes the name **AWPClassLib** And write the following code in .cs file

```
using System;
using System.Collections.Generic;
using System.Linq;
using System.Text;
namespace AWPClassLib
{
    public class AWP
    {
        public string UpperConvert(string text)
        {
            return text.ToUpper();
        }
        public string LowerConvert(string text)
        {
            return text.ToLower();
        }
    }
}
```

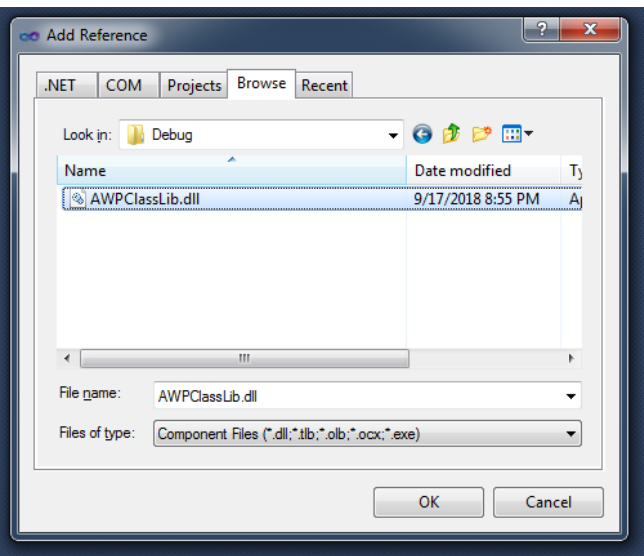
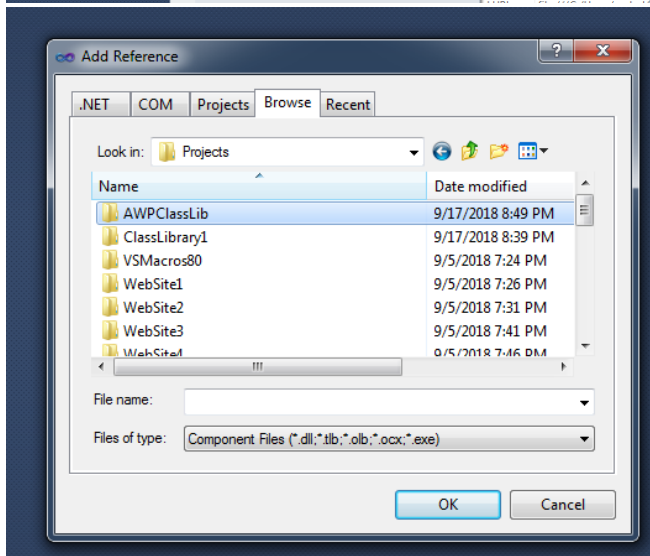
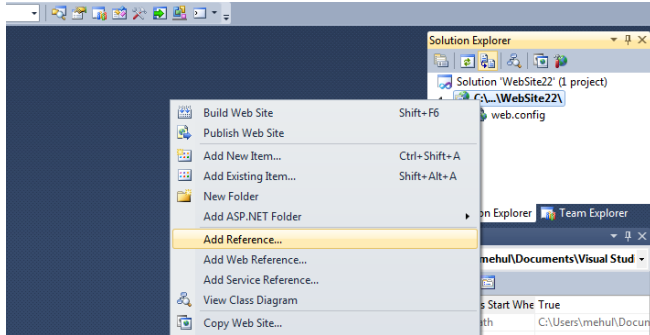
**Step 5:** Click **Build Menu--> Build Solution** to complete the process.

After doing this AWPClassLib.dll file automatically generated in your Application/Bin/Debug folder





**Step 6:** Now to use the assembly, create a new website, and then add AWPCClassLib.dll by add reference to Bin Folder



**Step 7:** add a new web page in website and add following code in .aspx file

```
<form id="form1" runat="server">
<div>
    <asp:Button ID="Button1" runat="server" onclick="Button1_Click" Text="Upper" />
<br />
    <asp:Button ID="Button2" runat="server" onclick="Button2_Click" Text="Lower" />
<br />
    <asp:TextBox ID="TextBox1" runat="server"></asp:TextBox>
</div>
</form>
```

**Step 8:** add following code in .cs file

```
using System;
using AWPCClassLib;
public partial class _Default : System.Web.UI.Page
{
    protected void Page_Load(object sender, EventArgs e)
    {
    }

    protected void Button1_Click(object sender, EventArgs e)
    {
        AWP c1 = new AWP();
        TextBox1.Text = c1.UpperConvert(TextBox1.Text);
    }

    protected void Button2_Click(object sender, EventArgs e)
    {
    }
}
```

```
AWP c1 = new AWP();  
TextBox1.Text = c1.LowerConvert(TextBox1.Text);  
}
```

}

**Step 9 :** Now run default.aspx page

Upper  
Lower  
Neha

Upper  
Lower  
NEHA

Upper  
Lower  
neha