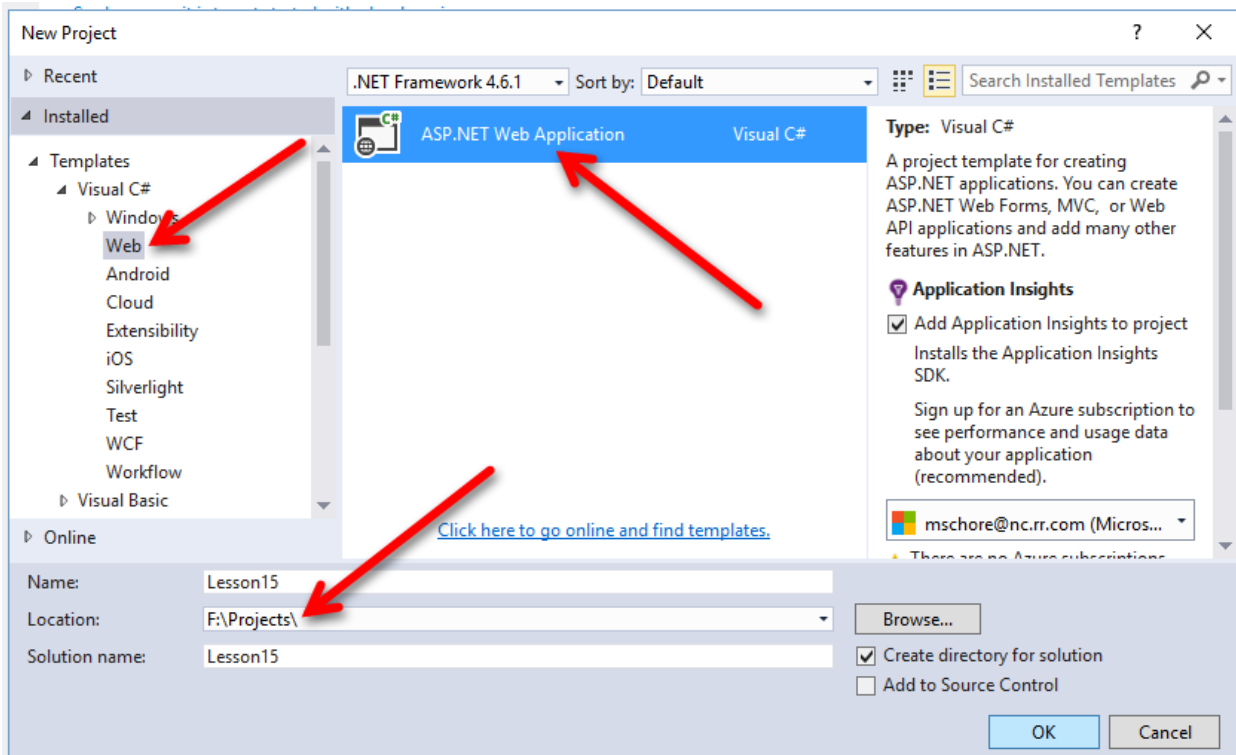
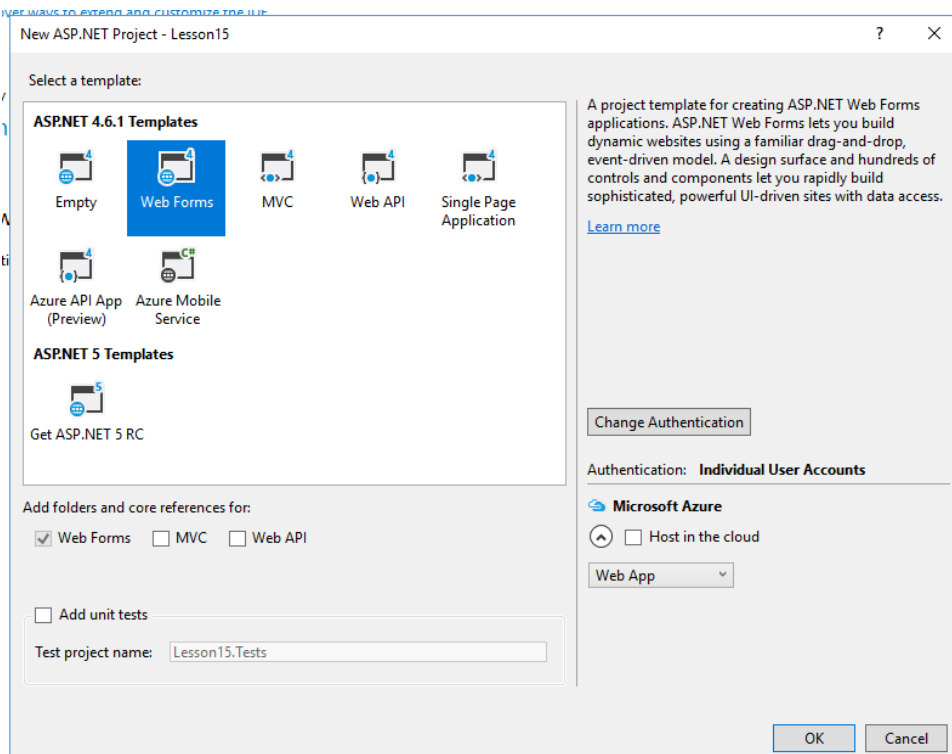


## Creating an E-Mail Based Web Page

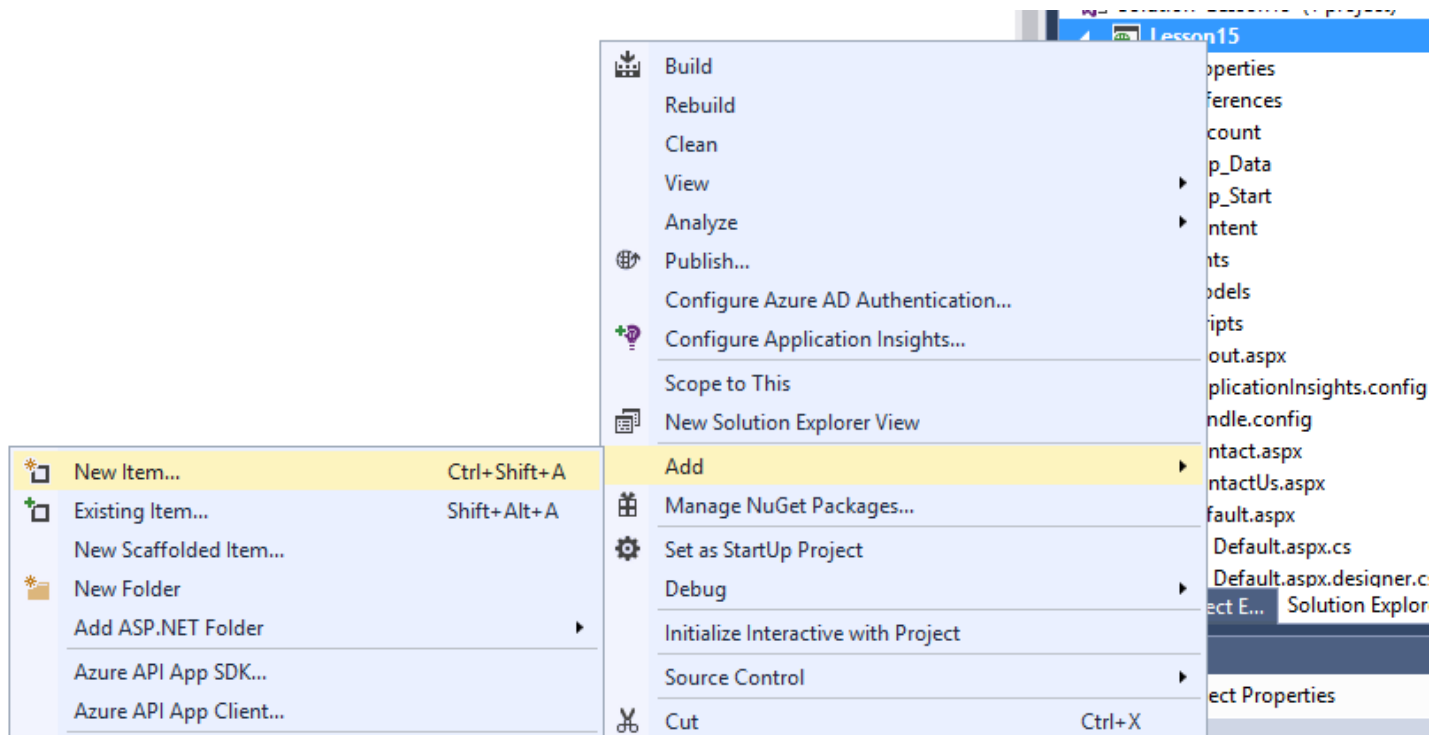
This document was written to walk you through the creation of a web form that is used to send an email with data from the form. To start, create a new web project in Visual Studio as shown below. Make sure you have selected the C# option, Web Application option, and provide an appropriate name and location for the project.



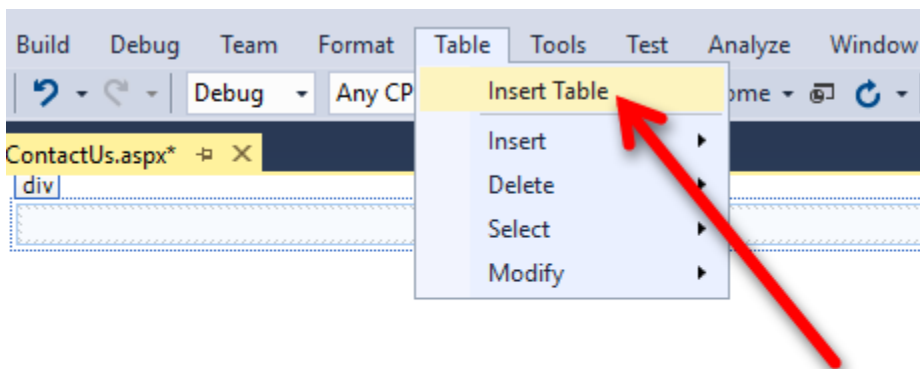
After hitting the OK button, select the Web Forms option on the next dialog and then hit the OK button.



Add a new file, ContactUs.aspx, by right clicking the project name, the Add.... option, and then New Item...



Open the file and move to Design mode to begin work on the page. While in Design mode, select the Insert Table menu item.



Insert Table
?
X

Size

Rows: 9
Columns: 3

Layout

Alignment: Default
Specify width: ☒

Float: Default
100
☐ In pixels
☒ In percent

Cell padding: 1
Specify height: ☐

Cell spacing: 2
0
☐ In pixels
☐ In percent

Borders

Size: 0

Color:
☐ Collapse table border

Background

Color:
☐ Use background picture

Browse...
Properties...

Set

☐ Set as default for new tables

OK
Cancel

Once the table appears start adding controls to the layout to match the names in the provided C# code.

## Get in touch with us....

Name	<input type="text"/>
E-Mail Address	<input type="text"/>
E-Mail Address (Verify)	<input type="text"/>
Home Phone Number	<input type="text"/>
Business Phone Number	<input type="text"/>
Comments	<input type="text"/>
	<input type="button" value="Button"/>

td.auto-style2

```

<table class="auto-style1" id="FormTable">
    <tr>
        <td colspan="3" class="auto-style4">
            <h2>Get in touch with us....</h2>
            <br />
        </td>
    </tr>
    <tr>
        <td class="auto-style16">Name</td>
        <td class="auto-style17">
            <asp:TextBox ID="Name" runat="server" Width="269px"></asp:TextBox>
        </td>
        <td class="auto-style18">&nbsp;</td>
    </tr>
    <tr>
        <td class="auto-style16">E-Mail Address</td>
        <td class="auto-style17">
            <asp:TextBox ID="EmailAddress" runat="server" Width="264px"></asp:TextBox>
        </td>
        <td class="auto-style18">&nbsp;</td>
    </tr>
    <tr>
        <td class="auto-style16">E-Mail Address (Verify)</td>
        <td class="auto-style17">
            <asp:TextBox ID="verifyEmail" runat="server" Width="262px"></asp:TextBox>
        </td>
        <td class="auto-style18">&nbsp;</td>
    </tr>
    <tr>
        <td class="auto-style16">Home Phone Number</td>
        <td class="auto-style17">
            <asp:TextBox ID="HomePhone" runat="server" Width="262px"></asp:TextBox>
        </td>
        <td class="auto-style18">&nbsp;</td>
    </tr>
    <tr>
        <td class="auto-style8">Business Phone Number</td>
        <td class="auto-style9">
            <asp:TextBox ID="BusinessPhone" runat="server" Width="259px"></asp:TextBox>
        </td>
        <td class="auto-style10">&nbsp;</td>
    </tr>
    <tr>
        <td class="auto-style11">Comments</td>
        <td class="auto-style12">
            <asp:TextBox ID="Comments" runat="server" Height="61px" TextMode="MultiLine"
Width="566px"></asp:TextBox>
        </td>
        <td class="auto-style13">&nbsp;</td>
    </tr>
    <tr>
        <td class="auto-style14"></td>
        <td class="auto-style3">
            <asp:Button ID="SendButton" runat="server" OnClick="SendButton_Click" Text="Send"
/>
        </td>
        <td class="auto-style15"></td>
    </tr>
    <tr>
        <td colspan="3" class="auto-style2">&nbsp;</td>
    </tr>
</table>

```

To make the Send button work you will need to add a handler in the codebehind page.

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

namespace Lesson15
{
    public partial class ContactUs : System.Web.UI.Page
    {
        protected void Page_Load(object sender, EventArgs e)
        {

        }

        protected void SendButton_Click(object sender, EventArgs e)
        {

        }
    }
}
```

Then add code from this document to the button handler.

```
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("##HomePhone##", PhoneHome.Text);
mailBody = mailBody.Replace("##BusinessPhone##", PhoneBusiness.Text);
mailBody = mailBody.Replace("##Comments##", Comments.Text);

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

The error notices (red squiggles) are due to not having the proper references at the beginning of the codebehind page. This should look like the following image.

```

1  using System;
2  using System.Collections.Generic;
3  using System.Linq;
4  using System.Web;
5  using System.Web.UI;
6  using System.Web.UI.WebControls;
7  // added to support email functions
8  using System.IO;          // for File object
9  using System.Net.Mail;    // email object (MailMessage)
10

```

The address in the bottom of this section of code are very important!

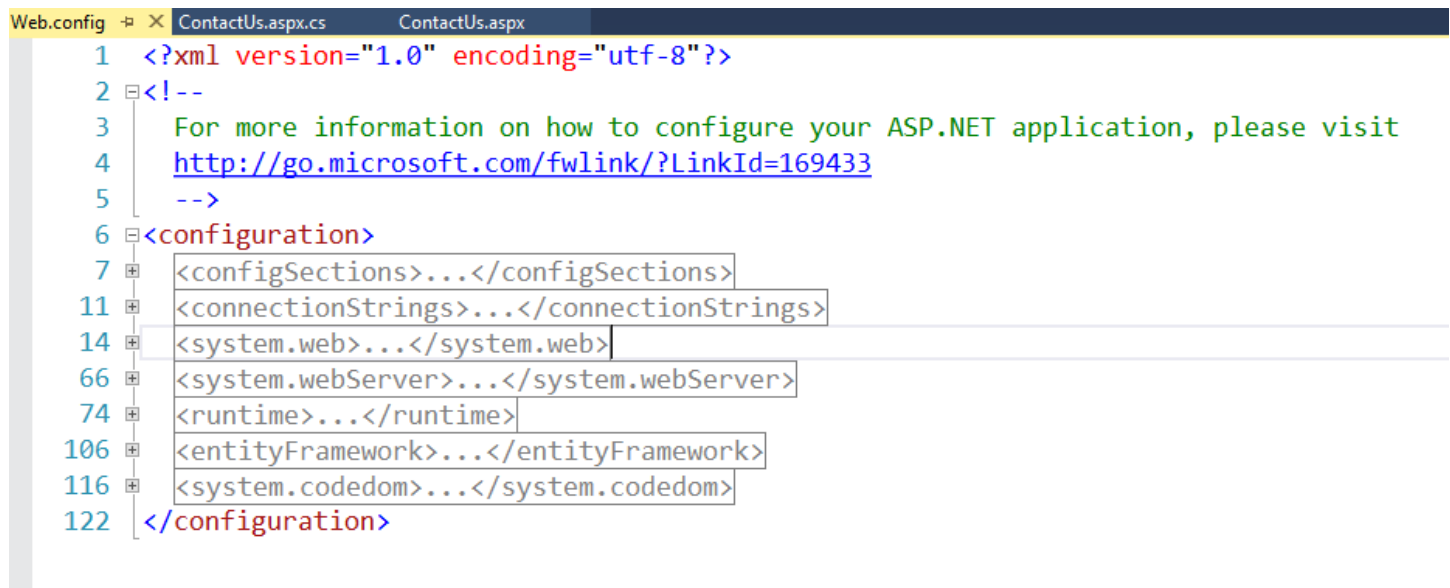
```

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

```

For the sender, change this to your WTCC email address. For the To address, change it to your personal email at another address.

Before we can actually email this form data we need to change the web.config file. In it's compressed form it looks like:



```

Web.config  ContactUs.aspx.cs  ContactUs.aspx
1  <?xml version="1.0" encoding="utf-8"?>
2  <!--
3  For more information on how to configure your ASP.NET application, please visit
4  http://go.microsoft.com/fwlink/?LinkId=169433
5  -->
6  <configuration>
7  <configSections>...</configSections>
11 <connectionStrings>...</connectionStrings>
14 <system.web>...</system.web>
66 <system.webServer>...</system.webServer>
74 <runtime>...</runtime>
106 <entityFramework>...</entityFramework>
116 <system.codedom>...</system.codedom>
122 </configuration>

```

Just after the system.web block we need to add our network info provided in the lesson for this work.

```

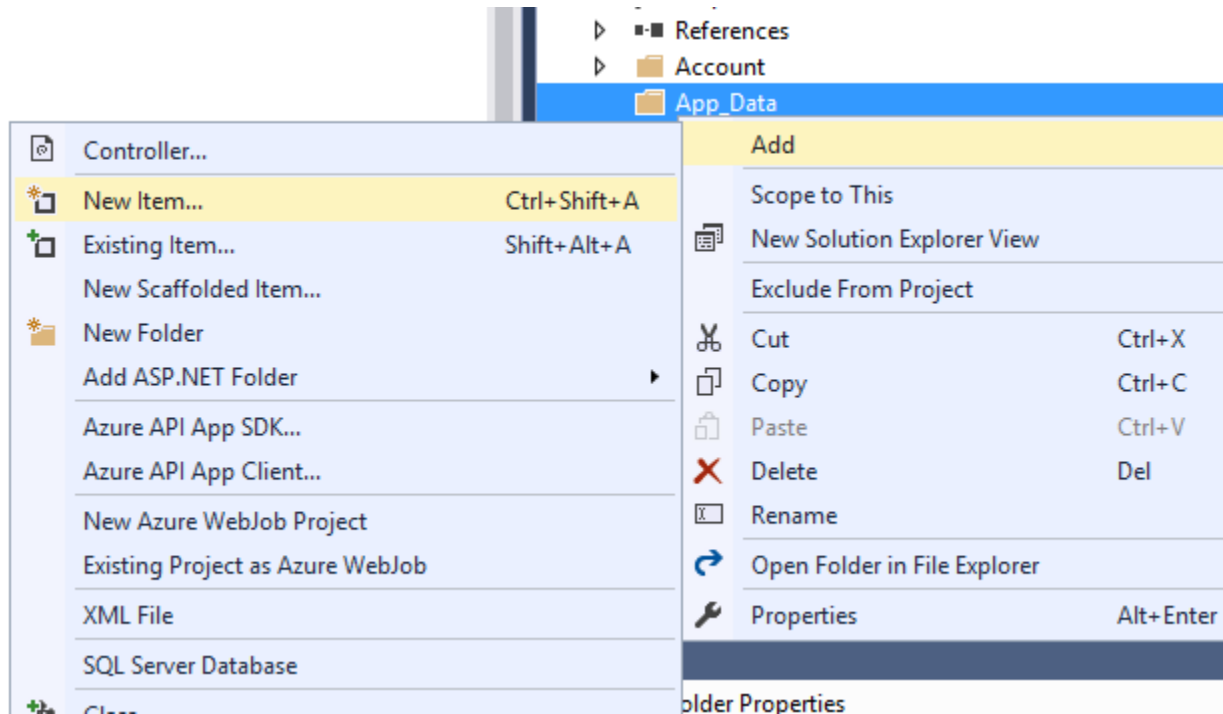
<system.net>
  <mailSettings>
    <smtp deliveryMethod="Network" from="student@geeks2b.com" >
      <network host="smtpout.secureserver.net" port="80"
        userName="student@geeks2b.com" password="Student2012" />
    </smtp>
  </mailSettings>
</system.net>

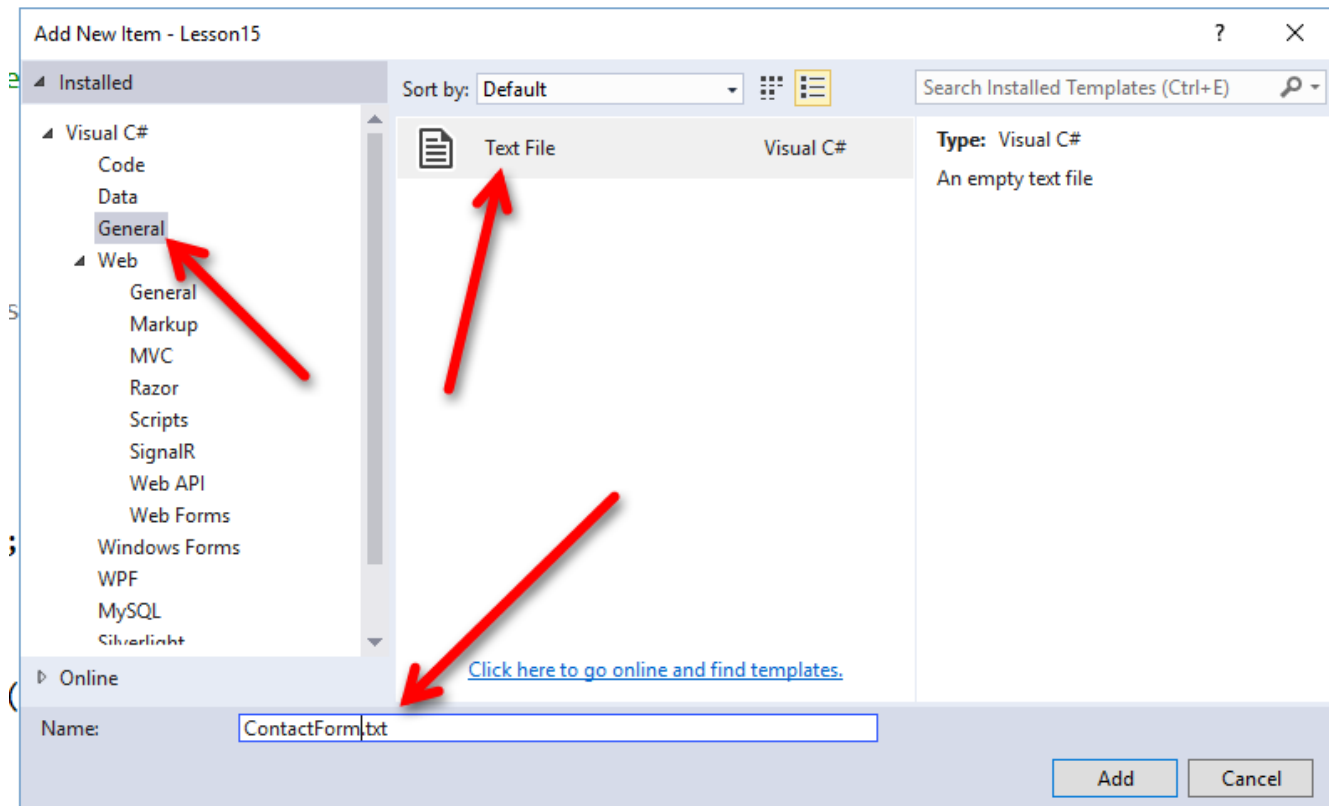
```

Or

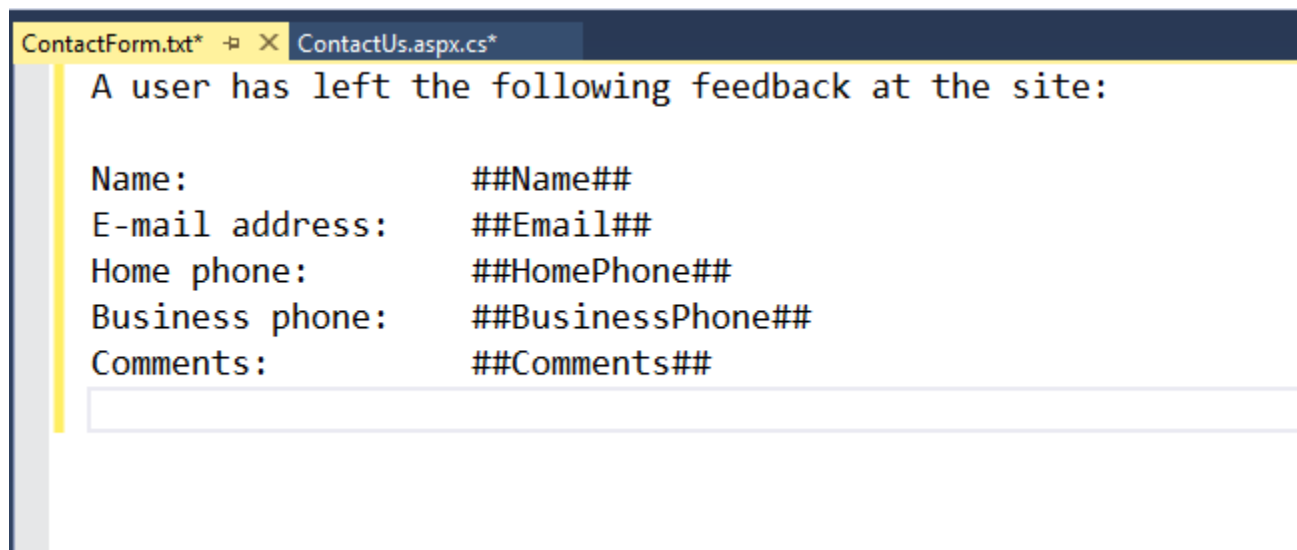
```
14 </system.web>...</system.web>
66 <system.net>
67   <mailSettings>
68     <smtp deliveryMethod="Network" from="student@geeks2b.com" >
69       <network host="smtpout.secureserver.net" port="80" userName="student@geeks2b.com" password="Student2012" />
70     </smtp>
71   </mailSettings>
72 </system.net>
73 <system.webServer>...</system.webServer>
```

Finally, we need to create a body for the email to be populated with. Using the Add... mechanism with the App\_Data directory selected. Create a text file as shown in the image below.





The contents of the text file should look like this.





Enter data into the form and test the email functionality.

← → ↻ ⓘ localhost:64527/ContactUs

## Get in touch with us....

Name	Mike Smith
E-Mail Address	msmith@my.waketech.edu
E-Mail Address (Verify)	msmith@my.waketech.edu
Home Phone Number	9196055555
Business Phone Number	9198665555
Comments	<div>Test content</div>
<div>Send</div>	

The received email should look like:

SN	Sender Name <mrschore@waketech.edu>	Receiver Name
	Response from web site	

A user has left the following feedback at the site:

Name: Mike Smith  
E-mail address: [msmith@my.waketech.edu](mailto:msmith@my.waketech.edu)  
Home phone: 9196055555  
Business phone: 9198665555  
Comments: Test Comment