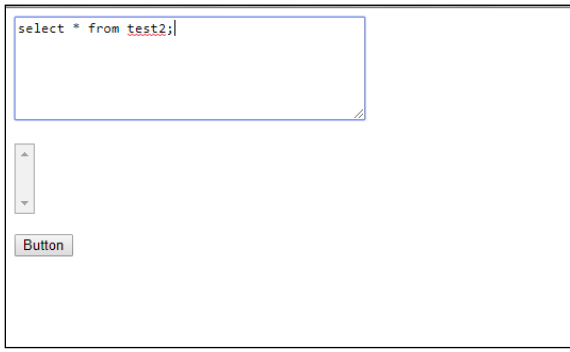


## 6a) Create a web application to bind data in a multiline textbox by querying in another textbox.



### Default.aspx

```
<%@ 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></title>
```

```
</head>
```

```
<body>
```

```
<form id="form1" runat="server">
```

```
<div>
```

```
<asp:TextBox ID="TextBox1" runat="server" Height="91px" TextMode="MultiLine"
Width="323px"></asp:TextBox>
```

```
<br />
```

```
<br />
```

```
<asp:ListBox ID="ListBox1" runat="server"></asp:ListBox>
```

```
<br />
```

```
<br />
```

```
<asp:Button ID="Button1" runat="server" onclick="Button1_Click" Text="Button" />
```

```
</div>
```

```
</form>
```

```
</body>
```

```
</html>
```

### Web.config

```
<?xml version="1.0"?>
```

```
<!--
```

For more information on how to configure your ASP.NET application, please visit

<http://go.microsoft.com/fwlink/?LinkId=169433>

```
-->
```

```
<configuration>
```

```
<system.web>
```

```
<compilation debug="false" targetFramework="4.0" />
```

```
</system.web>
```

```
<connectionStrings>
```

```
<add name="connStr" connectionString="Data Source=.\SQLEXPRESS;AttachDbFilename='C:\Users\admin\Documents\Visual Studio
2010\WebSites\WebSite13\App_Data\Database.mdf';Integrated Security=True;User Instance=True" />
```

```
</connectionStrings>
</configuration>
```

### Code behind file

```
using System;
using System.Collections.Generic;
using System.Linq;
using System.Web;
using System.Web.UI;
using System.Web.UI.WebControls;
using System.Data;
using System.Data.SqlClient;
using System.Configuration;

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

    }

    protected void Button1_Click(object sender, EventArgs e)
    {
        string connStr =
            ConfigurationManager.ConnectionStrings["connStr"].ConnectionString;
        SqlConnection con = new SqlConnection(connStr);
        con.Open();
        SqlCommand cmd = new SqlCommand(textBox1.Text, con);
        SqlDataReader reader = cmd.ExecuteReader();
        listBox1.Items.Clear();
        while (reader.Read())
        {
            //To add new blank line in the text area
            int j = reader.FieldCount;
            for (int i = 0; i < j; i++)
            {
                listBox1.Items.Add(reader[i].ToString());
            }
        }
        reader.Close();
        con.Close();
    }
}
```

The screenshot shows a web application design with three main components: a text box at the top containing the SQL query `select * from test2;`, a list box below it containing the items "1", "neha", "india", and "vora", and a button labeled "Button" at the bottom.

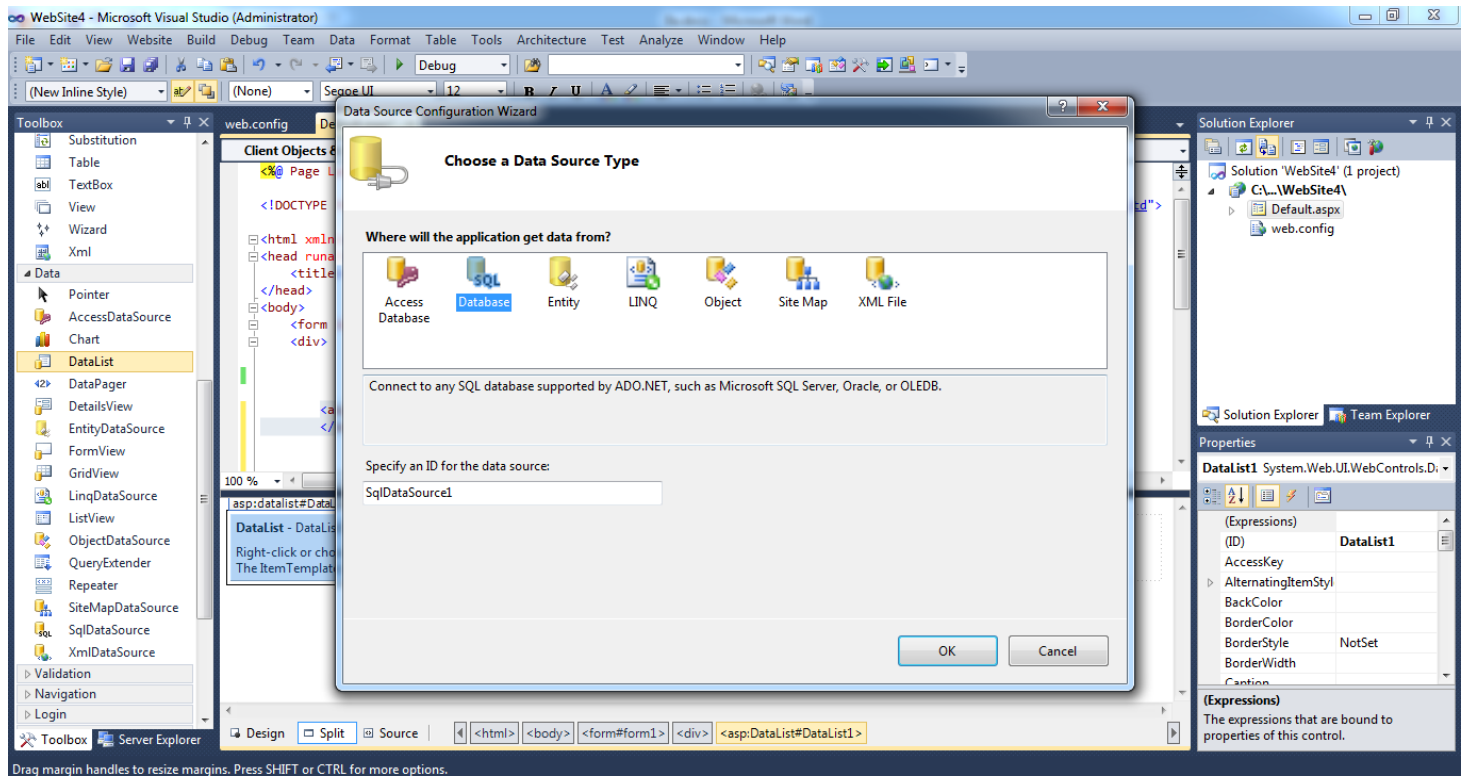
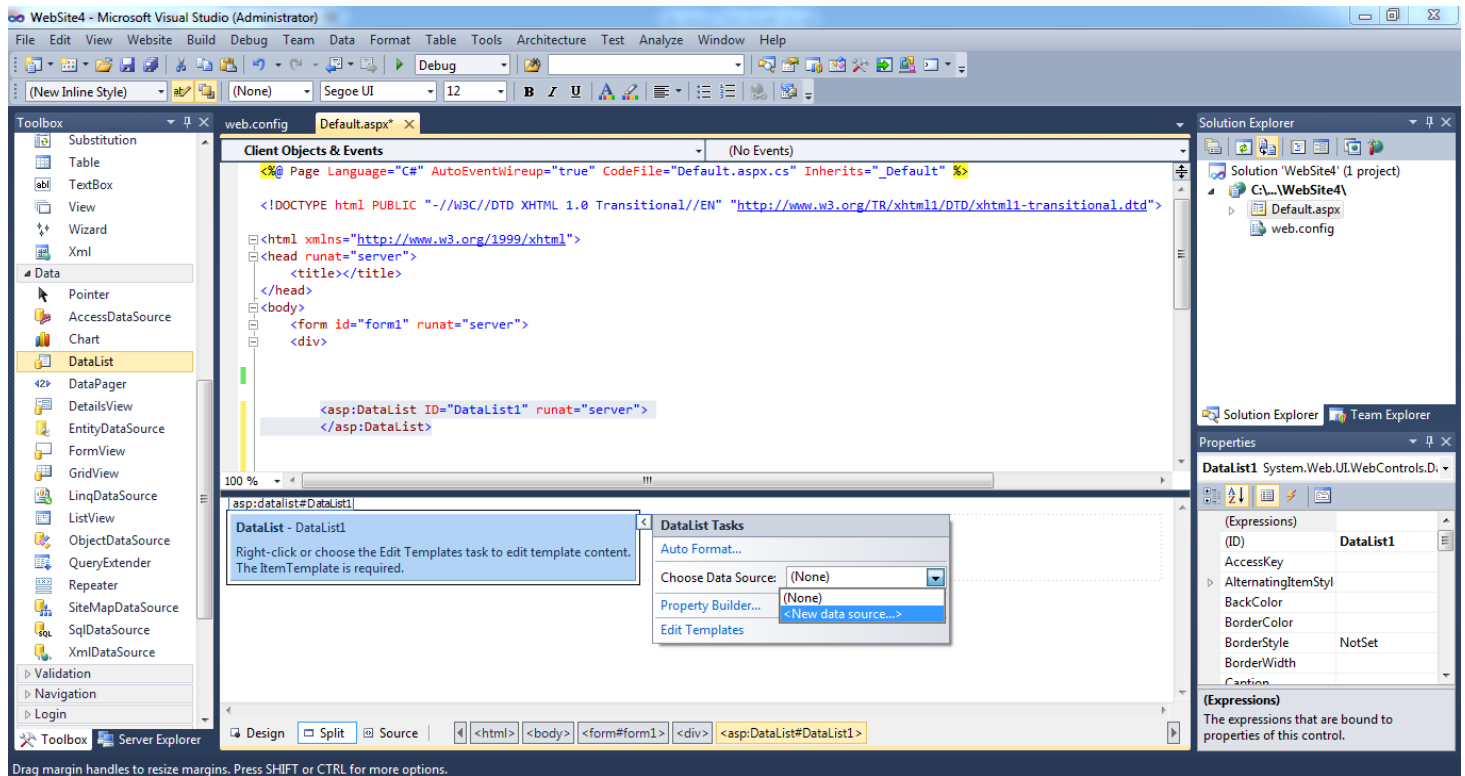
**Practical 6 (b): Create a web application to display records by using database.**  
 Create a web page with following design:

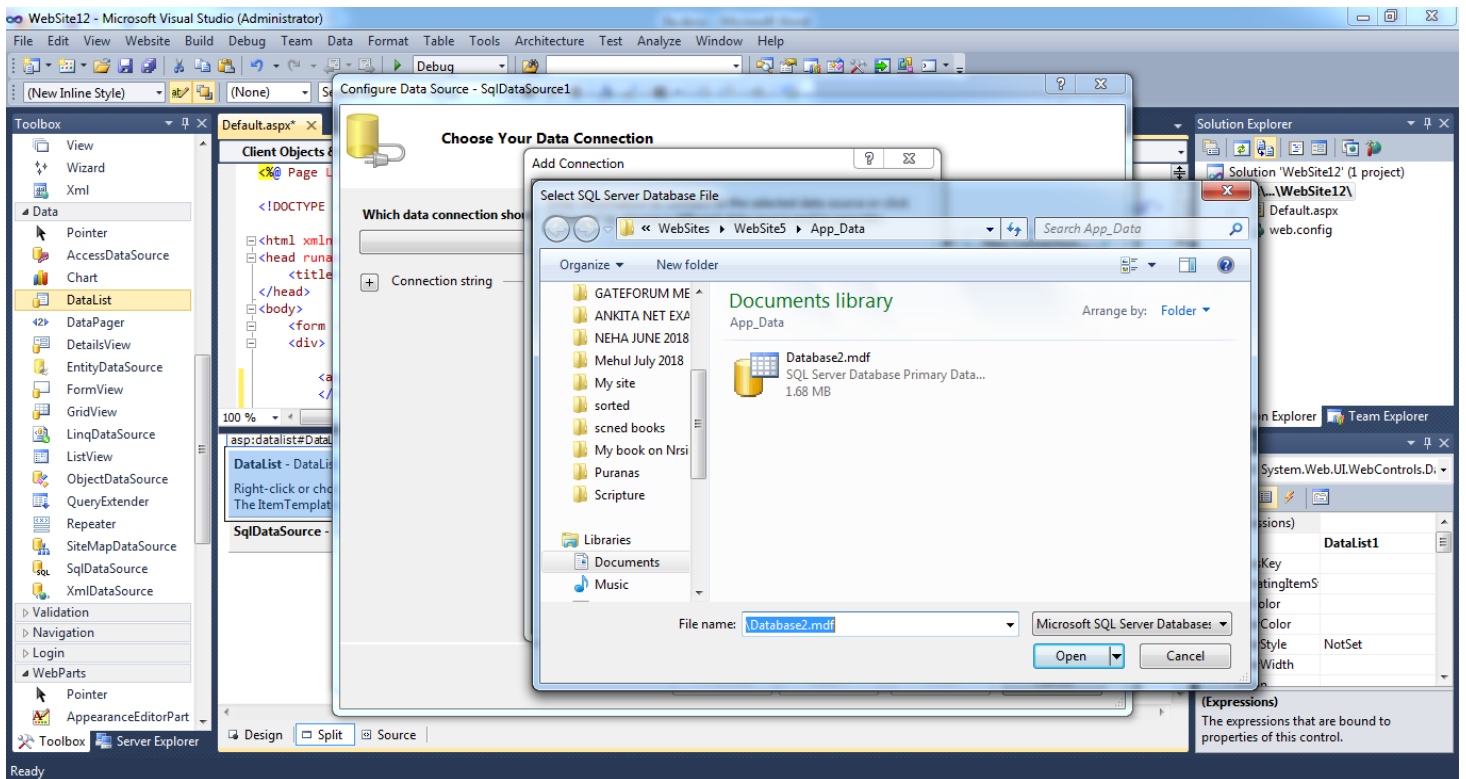
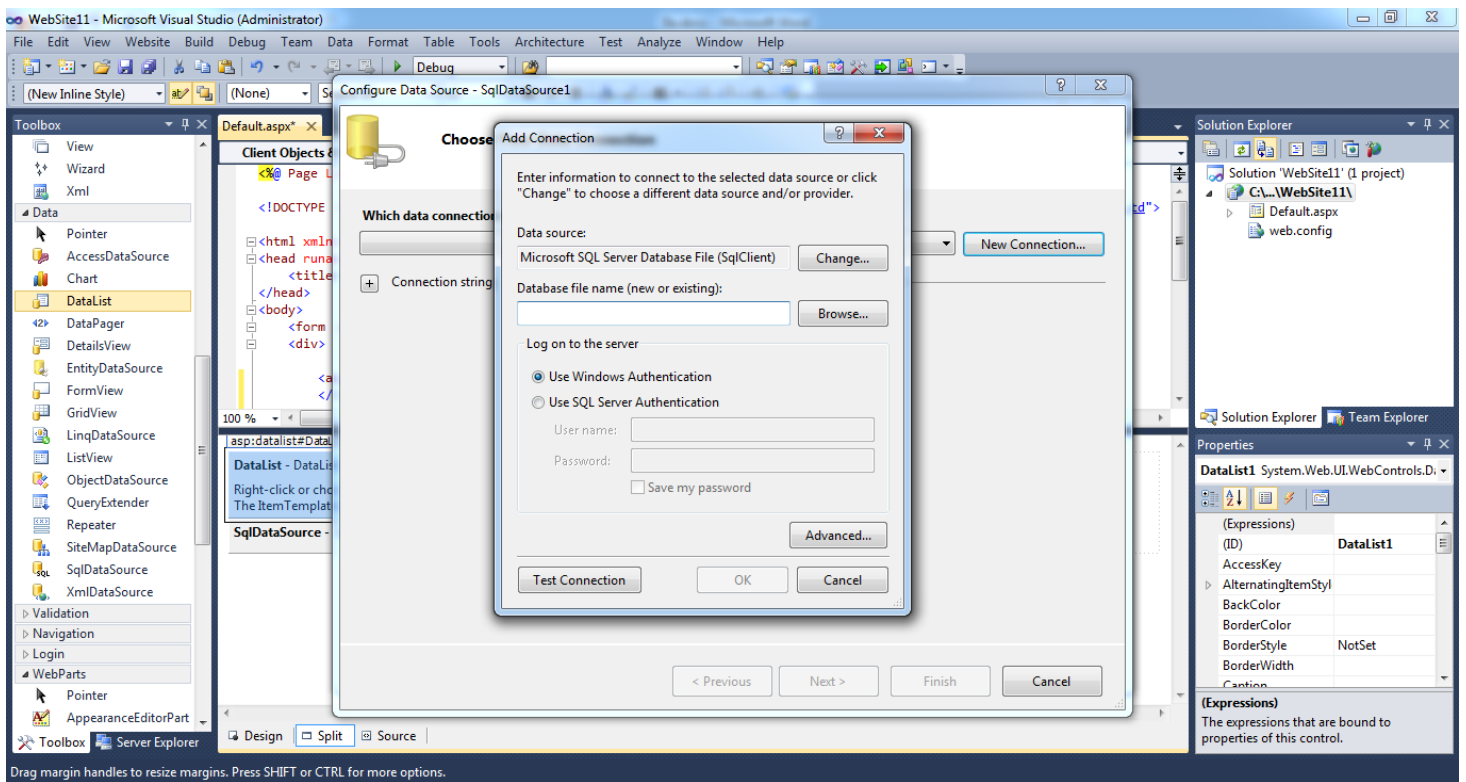
The screenshot shows a web application design with three main components: a title "Customer Details :", a label "[Label2]" below it, and a button labeled "Display Records" at the bottom.

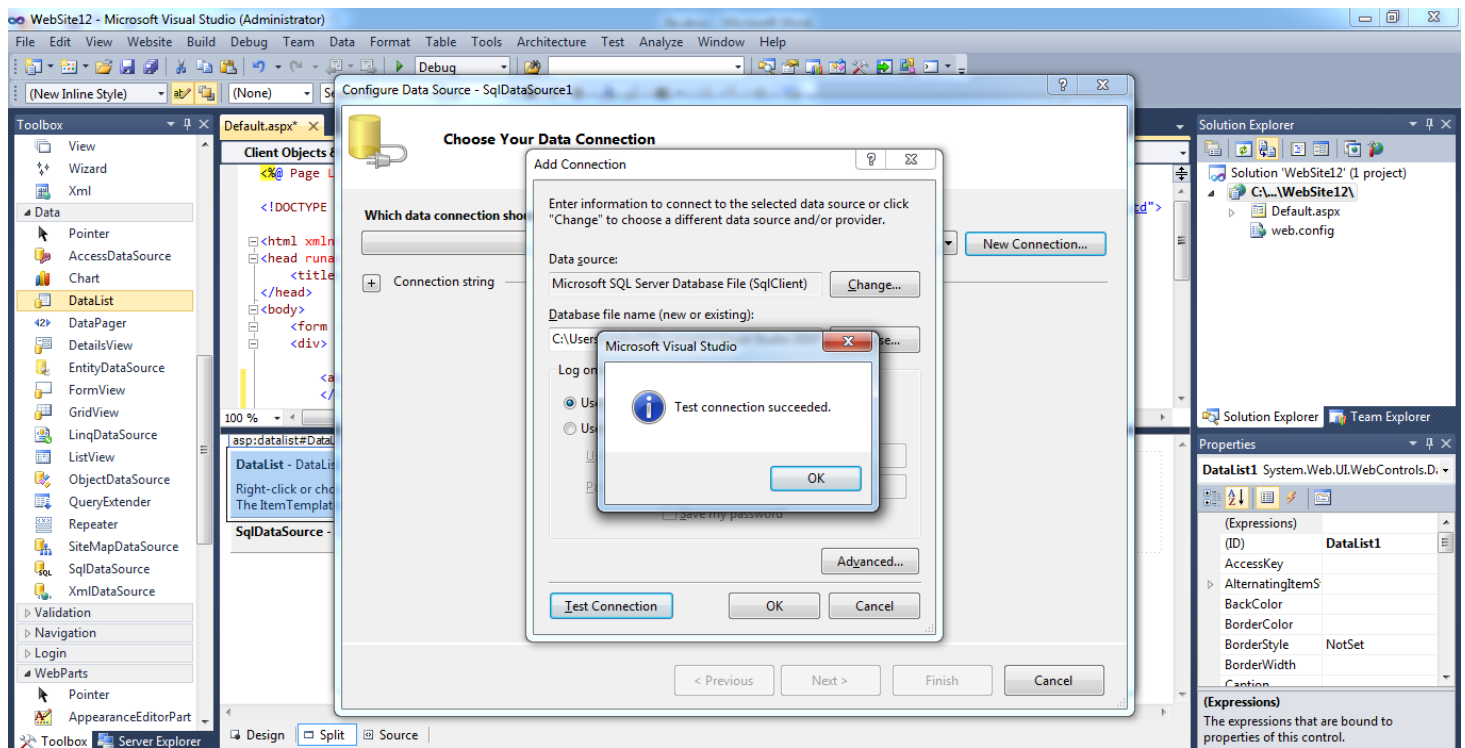
Add the following code on Button click event in C# Code behind file.

```
protected void Button1_Click(object sender, EventArgs e)
{
    string connStr =
    ConfigurationManager.ConnectionStrings["connStr"].ConnectionString;
    SqlConnection con = new SqlConnection(connStr);
    SqlCommand cmd = new SqlCommand("Select City, State from Customer", con);
    con.Open();
    SqlDataReader reader = cmd.ExecuteReader();
    while (reader.Read())
    {
        Label1.Text += reader["City"].ToString() + " " + reader["State"].ToString() +
        "<br>";
    }
    reader.Close();
    con.Close();
}
```

## Practical 6 (c): Demonstrate the use of Datalist link control







C

