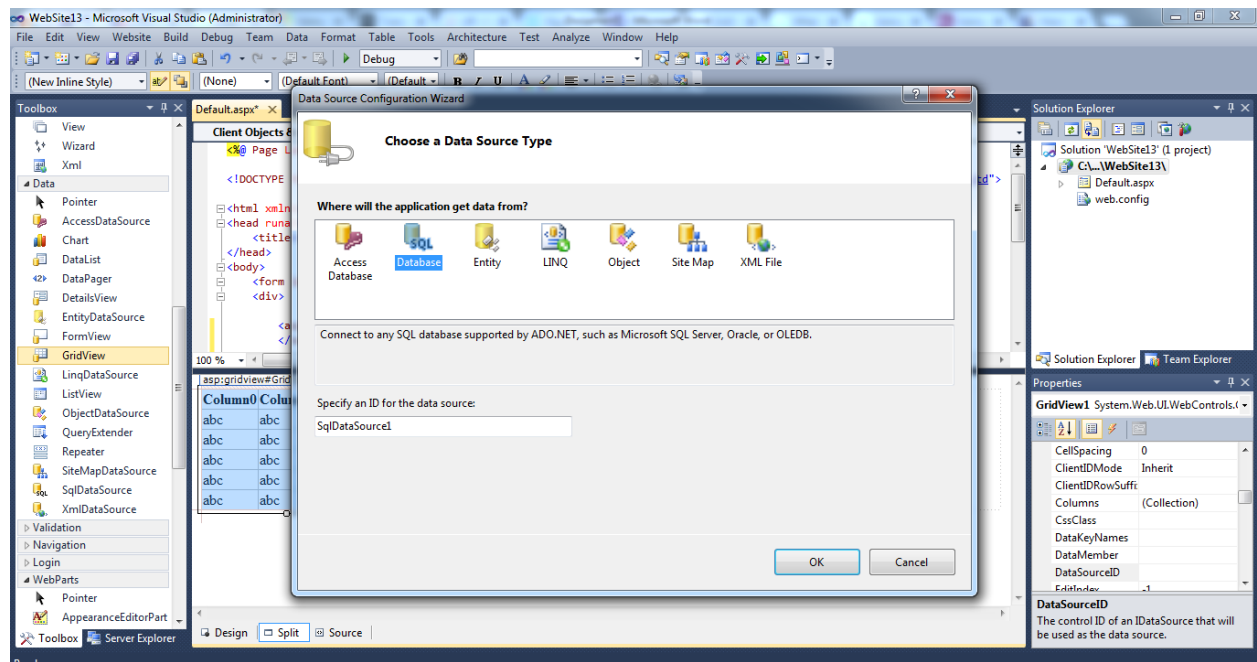
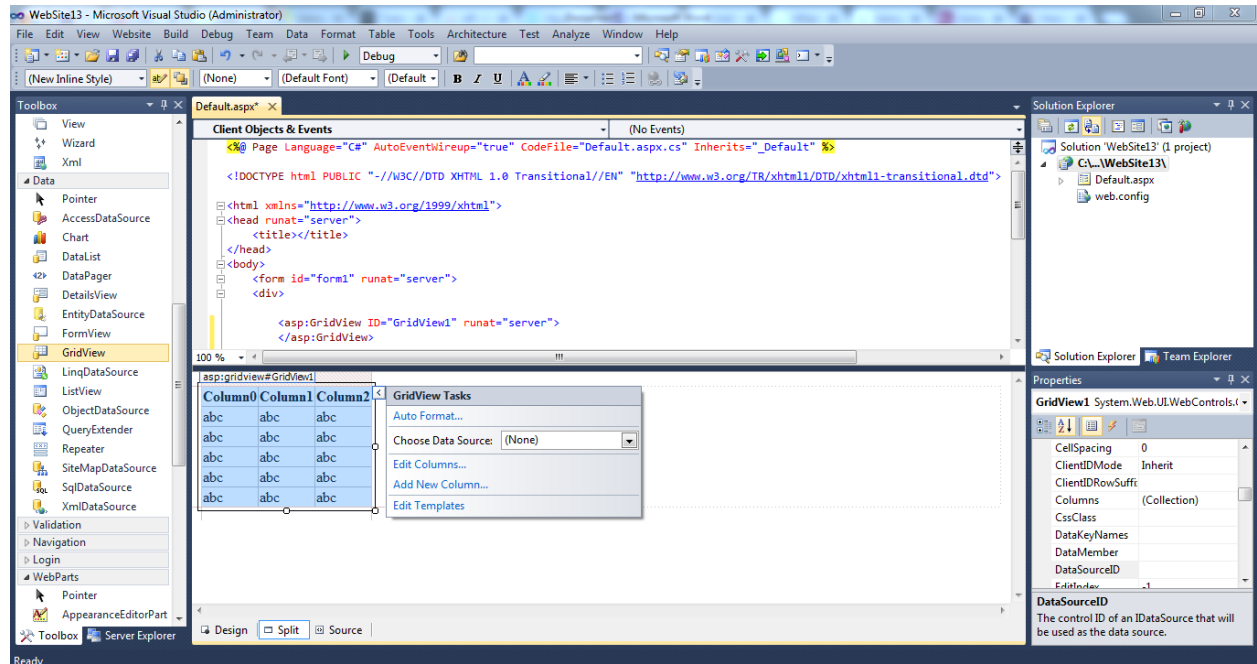
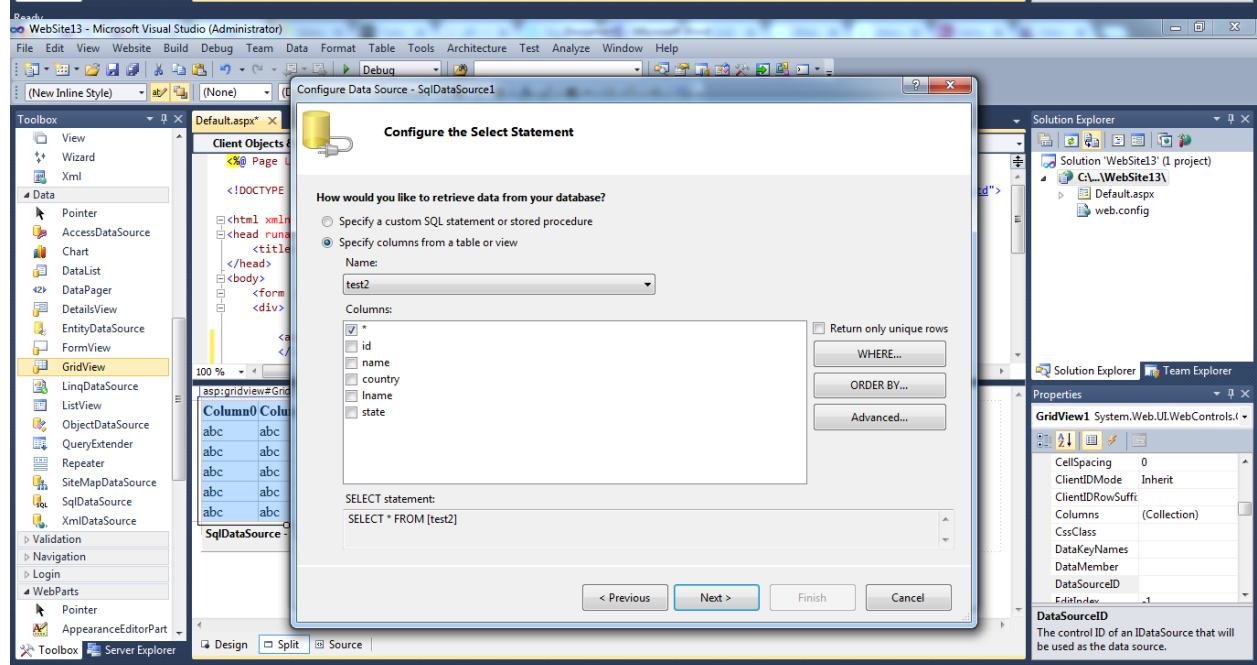
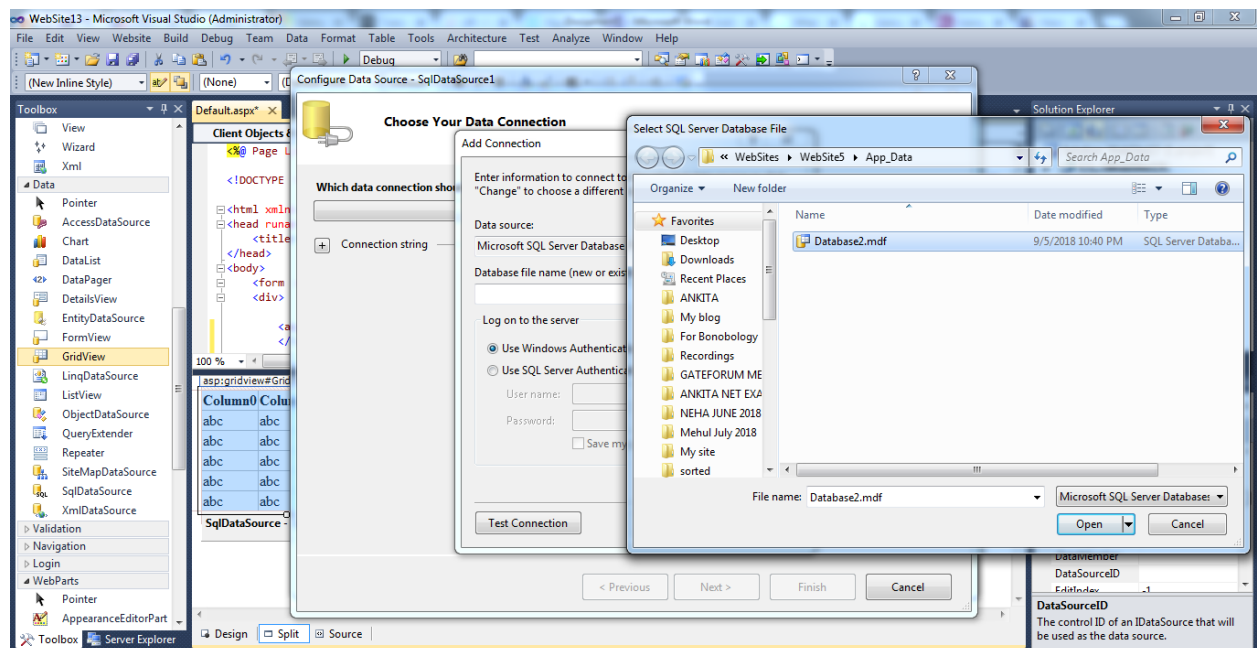


9a

Create a web application to demonstrate use of GridView control template and GridView hyperlink.





WebSite13 - Microsoft Visual Studio (Administrator)

File Edit View Website Build Debug Team Data Format Table Tools Architecture Test Analyze Window Help

(New Inline Style) (None) (Default Font) (Default) B I U

Toolbox

- View
- Wizard
- Xml
- Data
 - Pointer
 - AccessDataSource
 - Chart
 - DataList
 - DataPager
 - DetailsView
 - EntityDataSource
 - FormView
 - GridView
 - LinqDataSource
 - ListView
 - ObjectDataSource
 - QueryExtender
 - Repeater
 - SiteMapDataSource
 - SqlDataSource
 - XmlDataSource
- Validation
- Navigation
- Login
- WebParts
 - Pointer
 - AppearanceEditorPart

Server Explorer

Client Objects & Events (No Events)

```
<form id="form1" runat="server">
  <div>
    <asp:GridView ID="GridView1" runat="server" AutoGenerateColumns="False"
      DataSourceID="SqlDataSource1">
      <Columns>
        <asp:BoundField DataField="id" HeaderText="id" SortExpression="id" />
        <asp:BoundField DataField="name" HeaderText="name" SortExpression="name" />
        <asp:BoundField DataField="country" HeaderText="country"
          SortExpression="country" />
        <asp:BoundField DataField="lname" HeaderText="lname" SortExpression="lname" />
        <asp:BoundField DataField="state" HeaderText="state" SortExpression="state" />
      </Columns>
    </asp:GridView>
  </div>
</form>
```

100 %

asp:gridview#GridView1

id	name	country	lname	state
0	abc	abc	abc	abc
1	abc	abc	abc	abc
2	abc	abc	abc	abc
3	abc	abc	abc	abc
4	abc	abc	abc	abc

SqlDataSource1 - SqlDataSource1

GridView Tasks

- Auto Format...
- Choose Data (Set control formatting properties)
- Configure Data Source...
- Refresh Schema
- Edit Columns...
- Add New Column...
- Enable Paging
- Enable Sorting
- Enable Selection
- Edit Templates

Solution Explorer

- Solution 'WebSite13' (1 project)
- CA_WebSite13\
- Default.aspx
- web.config

Properties

GridView1 System.Web.UI.WebControls.GridView

CellSpacing 0

ClientIDMode Inherit

ClientIDRowSuffix

Columns (Collection)

CssClass

DataKeyNames

DataMember

DataSourceID SqlDataSource1

EditMode

DataSourceID

The control ID of an IDDataSource that will be used as the data source.

WebSite13 - Microsoft Visual Studio (Administrator)

File Edit View Website Build Debug Team Data Format Table Tools Architecture Test Analyze Window Help

(New Inline Style) (None) (Default Font) (Default) B I U

Toolbox

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 - SiteMapDataSource
 - SqlDataSource
 - XmlDataSource
- Validation
- Navigation
- Login
- WebParts
 - Pointer
 - AppearanceEditorPart

Server Explorer

Client Objects & Events (No Events)

```
<form id="form1" runat="server">
  <div>
    <asp:GridView ID="GridView1" runat="server" AutoGenerateColumns="False"
      DataSourceID="SqlDataSource1">
      <Columns>
        <asp:BoundField DataField="id" HeaderText="id" SortExpression="id" />
        <asp:BoundField DataField="name" HeaderText="name" SortExpression="name" />
        <asp:BoundField DataField="country" HeaderText="country"
          SortExpression="country" />
        <asp:BoundField DataField="lname" HeaderText="lname" SortExpression="lname" />
        <asp:BoundField DataField="state" HeaderText="state" SortExpression="state" />
      </Columns>
    </asp:GridView>
  </div>
</form>
```

100 %

asp:gridview#GridView1

id	name	country	lname	state
0	abc	abc	abc	abc
1	abc	abc	abc	abc
2	abc	abc	abc	abc
3	abc	abc	abc	abc
4	abc	abc	abc	abc

SqlDataSource1 - SqlDataSource1

AutoFormat

Select a scheme:

- Remove Formatting
- Colorful
- Classic
- Simple
- Professional
- Colorful
- Oceanica
- Brown Sugar
- Slate
- Sand & Sky
- Rainy Day
- Snowy Pine
- Lilacs in Mist
- Black & Blue 1
- Black & Blue 2
- Clover Field
- Apple Orchard
- Mocha

Preview:

id	name	country	lname	state
0	abc	abc	abc	abc
1	abc	abc	abc	abc
2	abc	abc	abc	abc
3	abc	abc	abc	abc
4	abc	abc	abc	abc

OK Cancel Apply

Enable Selection

Edit Templates

Solution Explorer

- Solution 'WebSite13' (1 project)
- CA_WebSite13\
- Default.aspx
- web.config

Properties

GridView1 System.Web.UI.WebControls.GridView

CellSpacing 0

ClientIDMode Inherit

ClientIDRowSuffix

Columns (Collection)

CssClass

DataKeyNames

DataMember

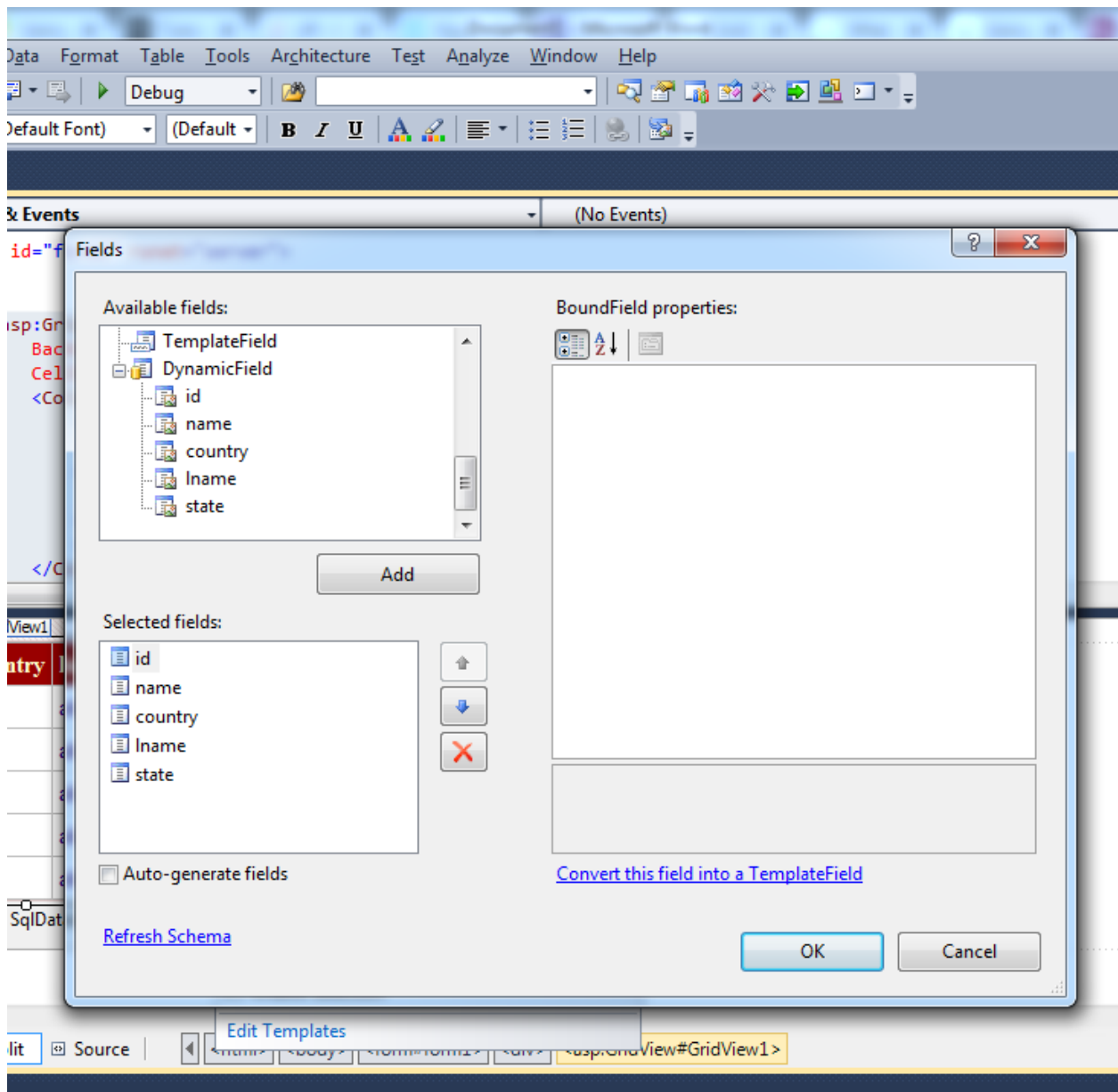
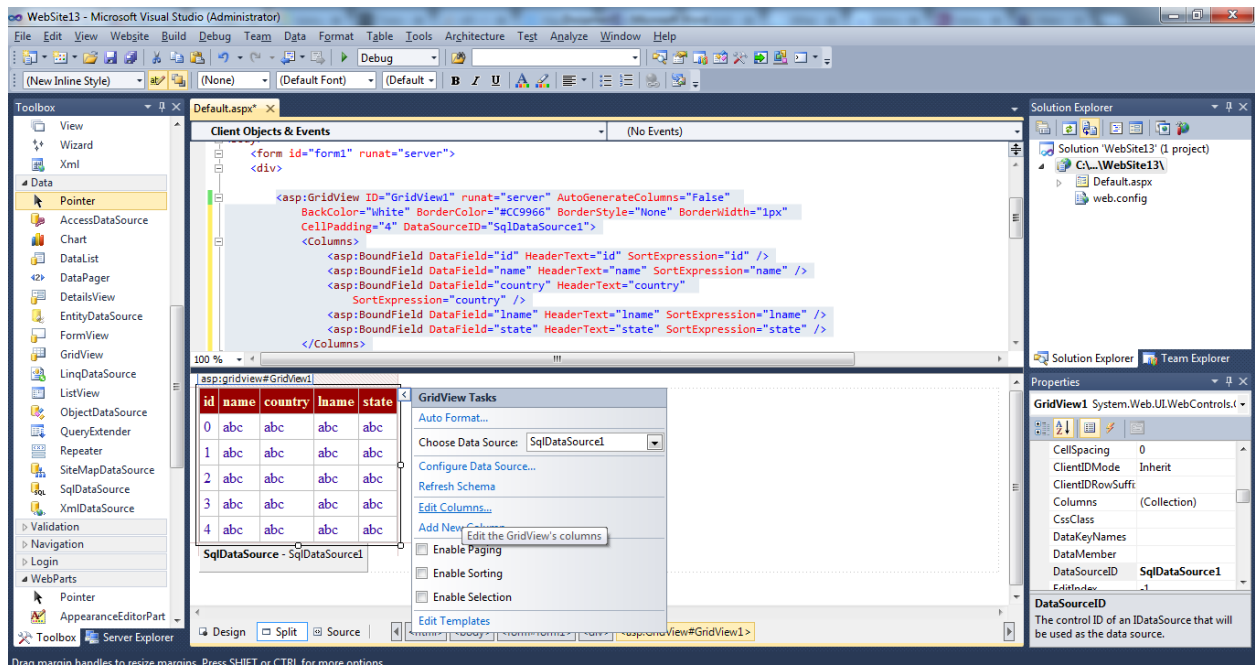
DataSourceID SqlDataSource1

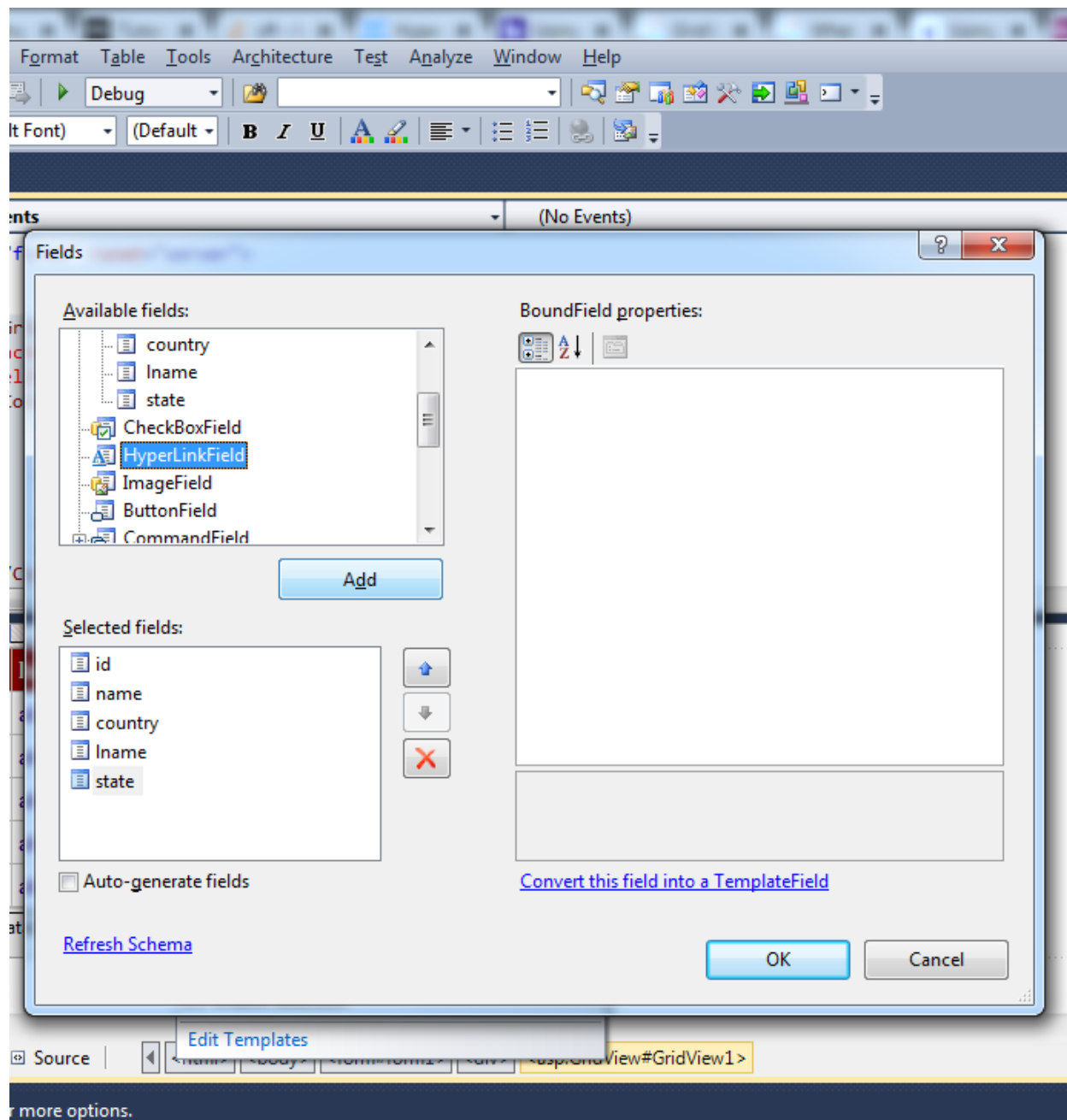
EditMode

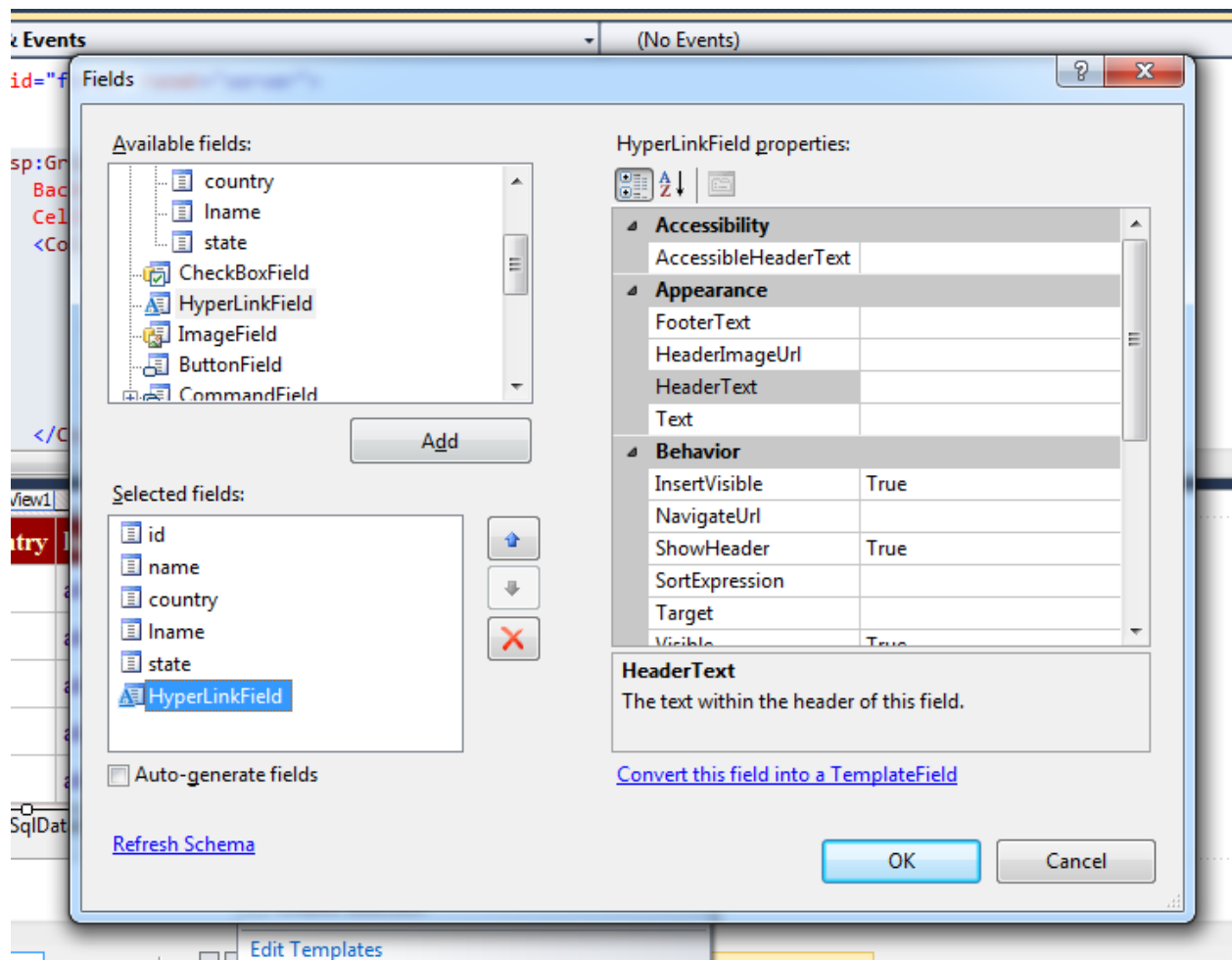
DataSourceID

The control ID of an IDDataSource that will be used as the data source.

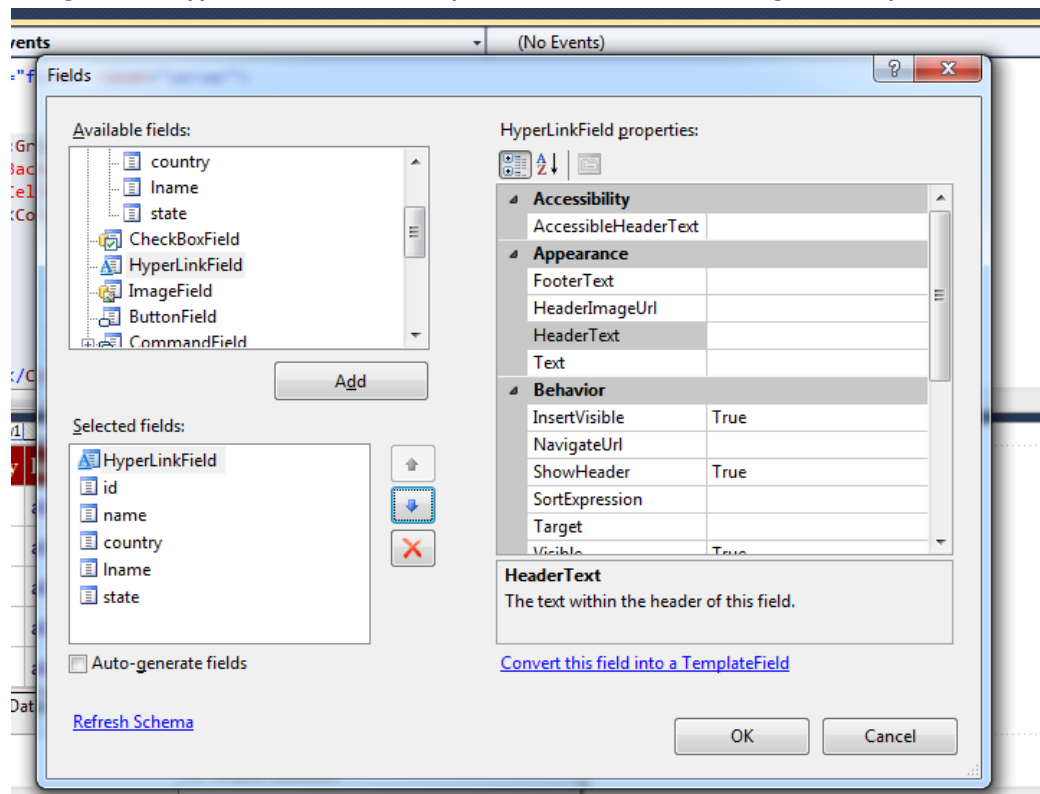
Drag margin handles to resize margins. Press SHIFT or CTRL for more options.

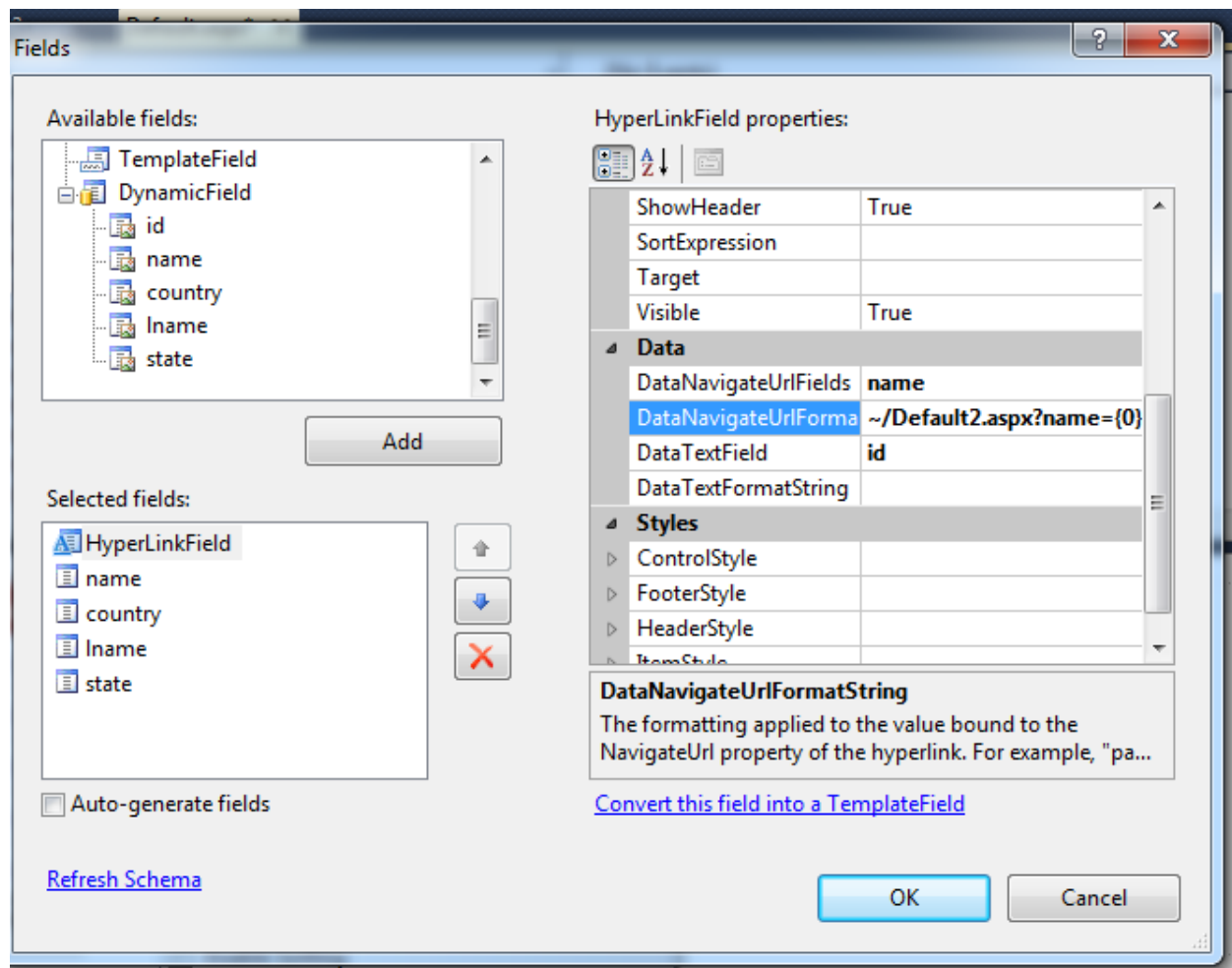






Navigate the hyperlinkfield to the top of the selected field using arrow option





HyperLinkField Column

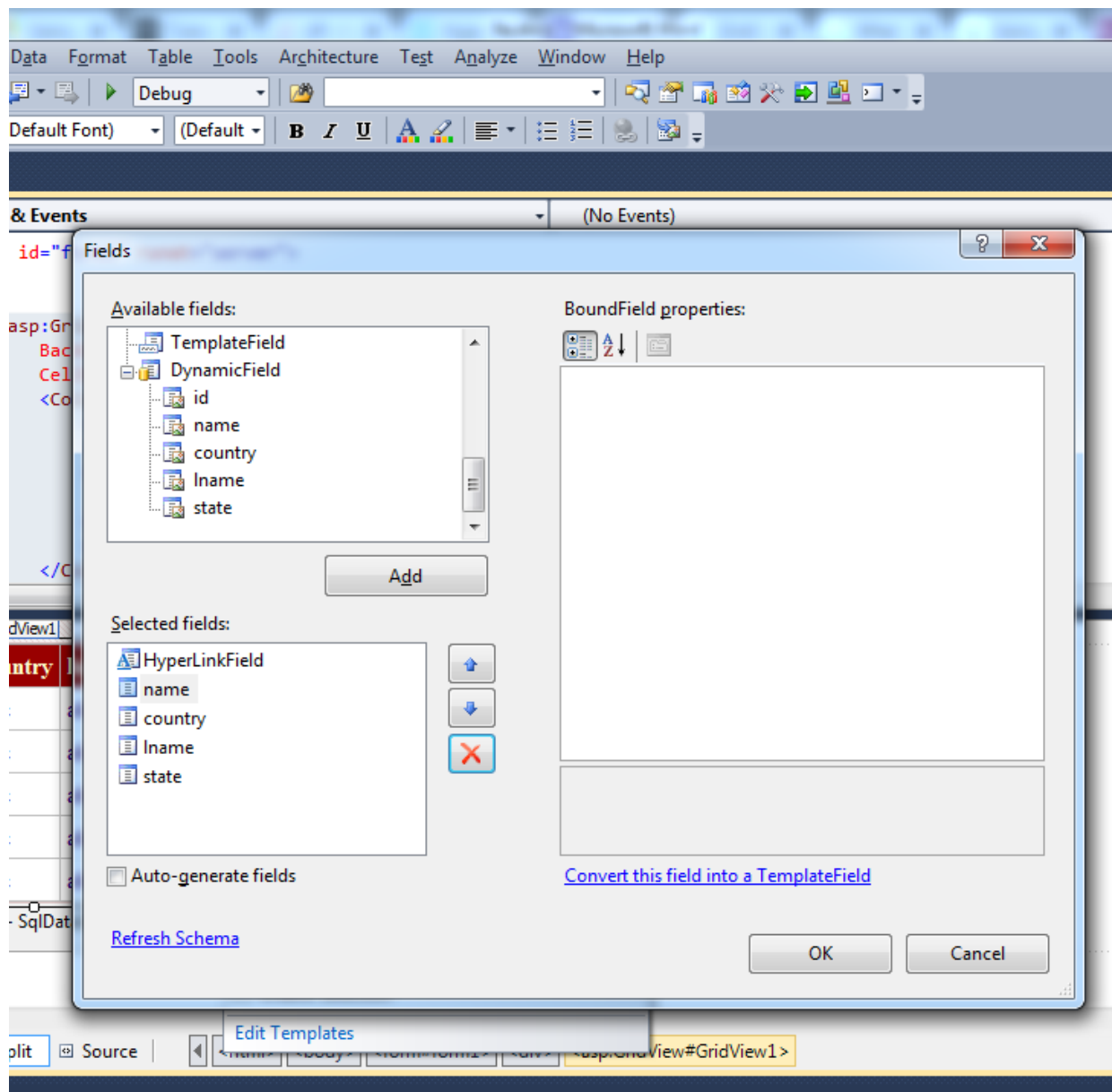
The HyperLinkField column consists of the following properties that are mainly useful for binding data

DataTextField – Here we set the name of the field or column that we need to display.

DataNavigateUrlFields – Here we set the name of the field or column that we need to pass via QueryString parameter in URL.

DataNavigateUrlFormatString – Here we set the URL of the page along with the QueryString Parameter and also provide a place holder {0} that will be replaced by the actual value of the column that we have set in the **DataNavigateUrlFields** field at runtime.

Remove the repeated or unwanted columns from the selected fields



Default2.aspx

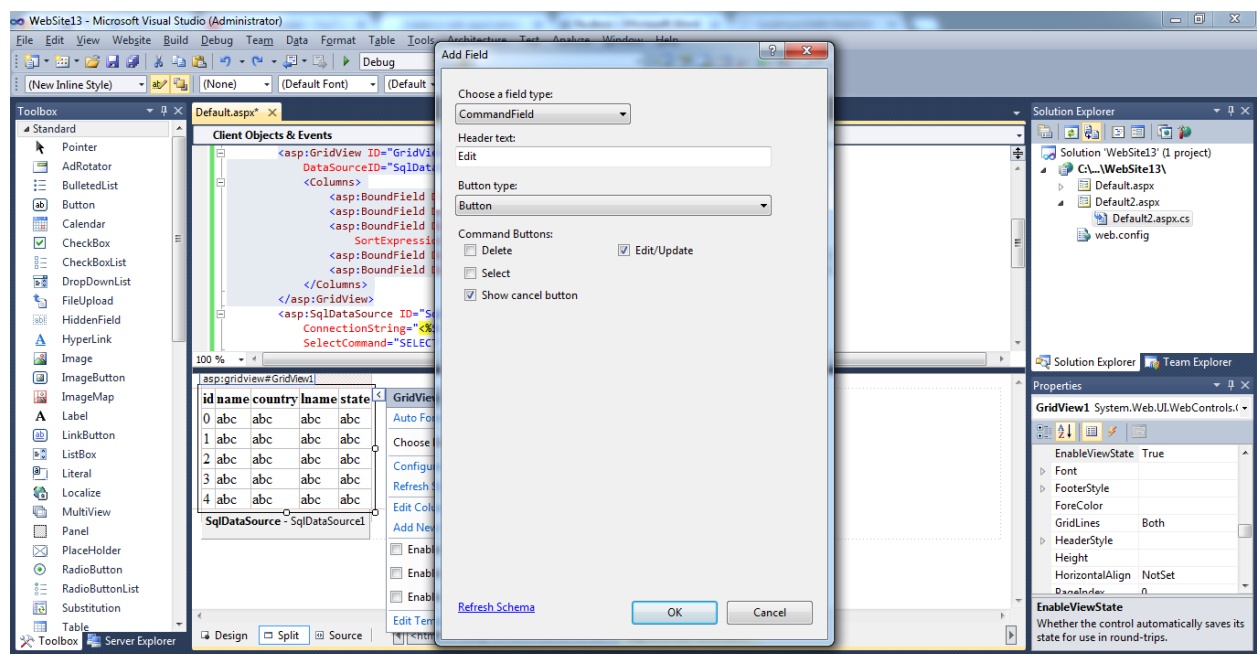
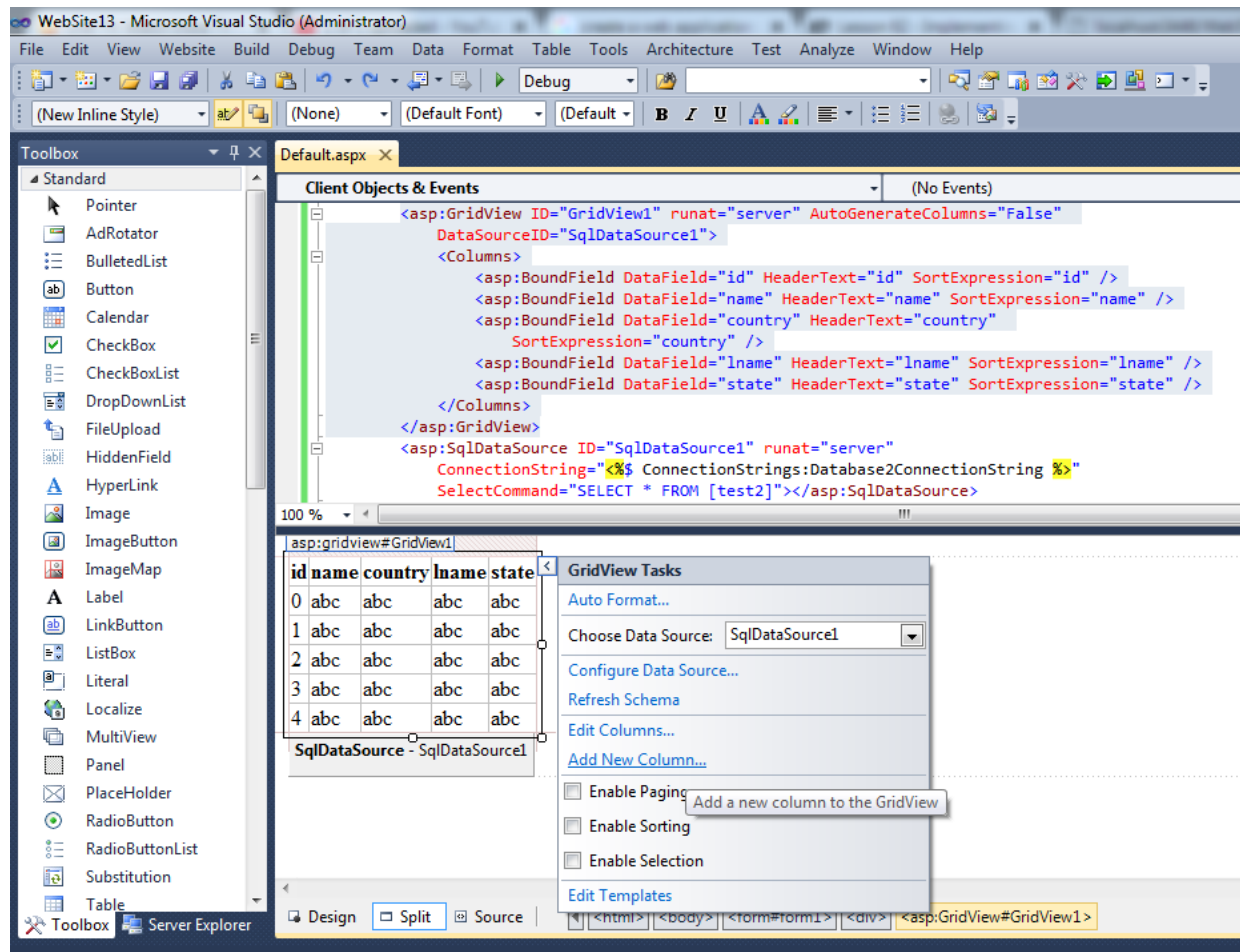
```
<div>
    <asp:Label ID="lblInfo" runat="server" Text="Label"></asp:Label>
</div>
```

Default2.aspx.cs

```
protected void Page_Load(object sender, EventArgs e)
{
    lblInfo.Text = "Item: " + Request.QueryString["name"];
}
}
```


9b

Create a web application to demonstrate use of GridView button column and GridView events.



Default.aspx

Add following code

```
<asp:SqlDataSource ID="SqlDataSource1" runat="server"
    ConnectionString="<%$ ConnectionStrings:Database2ConnectionString %>"
    SelectCommand="SELECT * FROM [test2]"

    UpdateCommand="UPDATE test2 SET
name=@name,country=@country,lname=@lname,state=@state where id=@id"
>

<UpdateParameters>
<asp:Parameter Name="id" Type="Int32" />
<asp:Parameter Name="name" Type="String" />
<asp:Parameter Name="country" Type="String" />
<asp:Parameter Name="state" Type="String" />
<asp:Parameter Name="lname" Type="String" />

</UpdateParameters>

</asp:SqlDataSource>
```

9c

Create a web application to demonstrate GridView paging and Creating own table format using GridView.

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>

            <table runat="server" style="color: White; background-color: #3A4F63;"
                id="headerTable">

                <tr>
                    <td style="width: 200px; background-color: #3A4F63; color: White;"
                        ID
                    </td>
                    <td style="width: 200px;"
                        Name
                    </td>
                    <td style="width: 200px;"
                        Country
                    </td>
                </tr>
            </table>
```

```

        <!-- These are the actual data items -->
        <!-- Bind to your specific properties i.e. Employees. -->

        <asp:GridView ID="GridView1" runat="server" HeaderStyle-ForeColor="White"
        AutoGenerateColumns="false" AllowPaging="True"
        onpageindexchanging="GridView1_PageIndexChanging" PageSize="5">

            <columns>
            <asp:TemplateField>
                <ItemTemplate>
                    <table>
                        <tr>
                            <td style="width: 200px;">
                                <asp:Label ID="lblid" runat="server" Text='<%#Eval("Id")
%>'></asp:Label>
                            </td>
                            <td style="width: 200px;">
                                <asp:Label ID="lblName" runat="server" Text='<%#Eval("Name")
%>'></asp:Label>
                            </td>
                            <td style="width: 200px;">
                                <asp:Label ID="Country" runat="server" Text='<%#Eval("Country")
%>'></asp:Label>
                            </td>
                        </tr>
                    </table>

                    </ItemTemplate>
                </asp:TemplateField>

            </columns>
        </asp:GridView>

    </div>
</form>
</body>
</html>

```

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;

public partial class _Default : System.Web.UI.Page
{
    protected void Page_Load(object sender, EventArgs e)
    {
        if (!this.IsPostBack)
        {
            methodname();
        }
    }

    public void methodname()
    {

```

```

        DataTable dt = new DataTable();
        dt.Columns.AddRange(new DataColumn[3] { new DataColumn("Id", typeof(int)),
            new DataColumn("Name", typeof(string)),
            new DataColumn("Country",typeof(string)) });
        dt.Rows.Add(1, "John Hammond", "United States");
        dt.Rows.Add(2, "Mudassar Khan", "India");
        dt.Rows.Add(3, "Suzanne Mathews", "France");
        dt.Rows.Add(4, "Robert Schidner", "Russia");
        dt.Rows.Add(5, "John Hammond", "United States");
        dt.Rows.Add(6, "Mudassar Khan", "India");
        dt.Rows.Add(7, "Suzanne Mathews", "France");
        dt.Rows.Add(8, "Robert Schidner", "Russia");
        dt.Rows.Add(9, "John Hammond", "United States");
        dt.Rows.Add(10, "Mudassar Khan", "India");
        dt.Rows.Add(11, "Suzanne Mathews", "France");
        dt.Rows.Add(12, "Robert Schidner", "Russia");
        GridView1.DataSource = dt;
        GridView1.DataBind();

    }

    protected void GridView1_PageIndexChanging(object sender, GridViewPageEventArgs e)
    {
        GridView1.PageIndex = e.NewPageIndex;
        methodname();
    }
}

```