

Advanced Web Programming With C#

Practical No.6(a)

Problem Statement :- create a web application to bind data in a multiline textbox by querying in another textbox

Database project :

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=D:\sonu\TYIT\data\App_Data\Data.mdf;Integrated
Security=True;User Instance=True"></add>
  </connectionStrings>

</configuration>
```

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Source code :

Practical6(a).aspx

```
<% @ Page Language="C#" AutoEventWireup="true" CodeFile="practical6(a).aspx.cs"
Inherits="practical6_a_" %>

<!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" TextMode="MultiLine"></asp:TextBox>
            <br />
            <br />
            <br />
            <br />
            <asp:ListBox ID="ListBox1" runat="server" Height="106px"
                style="margin-bottom: 38px" Width="165px"></asp:ListBox>
            <br />
            <br />
            <br />
            <asp:Button ID="Button1" runat="server" onclick="Button1_Click" Text="Button"
                Width="139px" />

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

Practical6(a).aspx.cs

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

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```
using System.Data.SqlClient;
using System.Configuration;

public partial class practical6_a_ : 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())
        {
            for (int i = 0; i < reader.FieldCount - 1; i++)
            {
                ListBox1.Items.Add(reader[i].ToString());
            }
        }
        reader.Close();
        con.Close();
    }
}
```

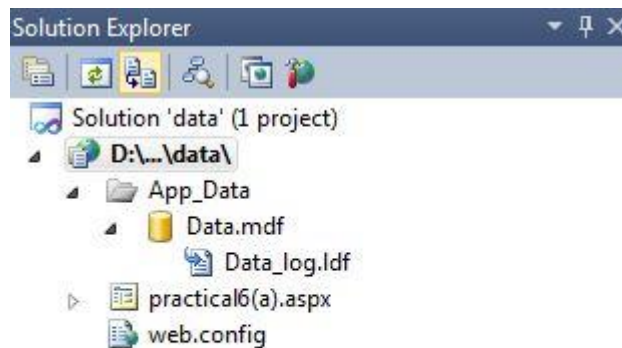
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Design.....practical6(a) :

The image shows a web form design within a dotted border. It contains three main components: a text box at the top with a small vertical scroll bar on its right side; a rectangular area in the middle labeled "Unbound" in its top-left corner; and a button at the bottom labeled "Button".

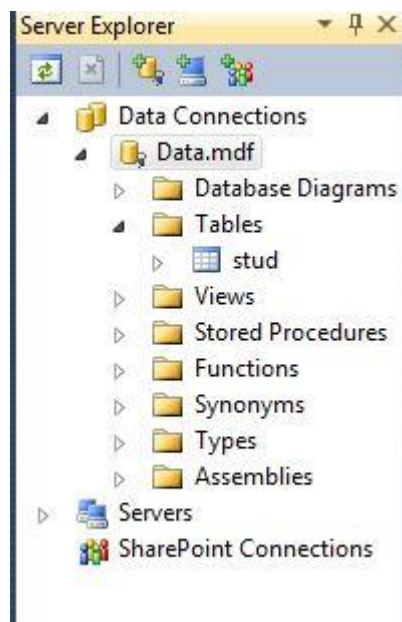
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Solution Explorer : ..1)**Data.mdf** 2)**Practical6(a).aspx** 3)**Practical6(a).aspx.cs**



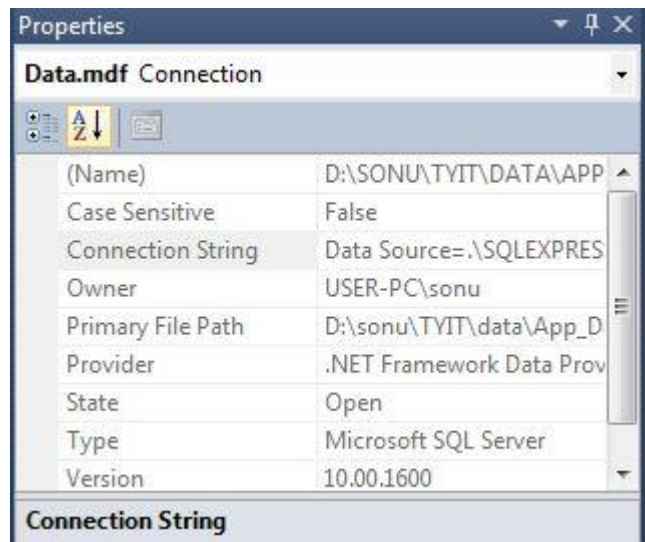
Connection :

Right click on **Data.mdf**



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and go to property...and copy connection String and paste into web.config



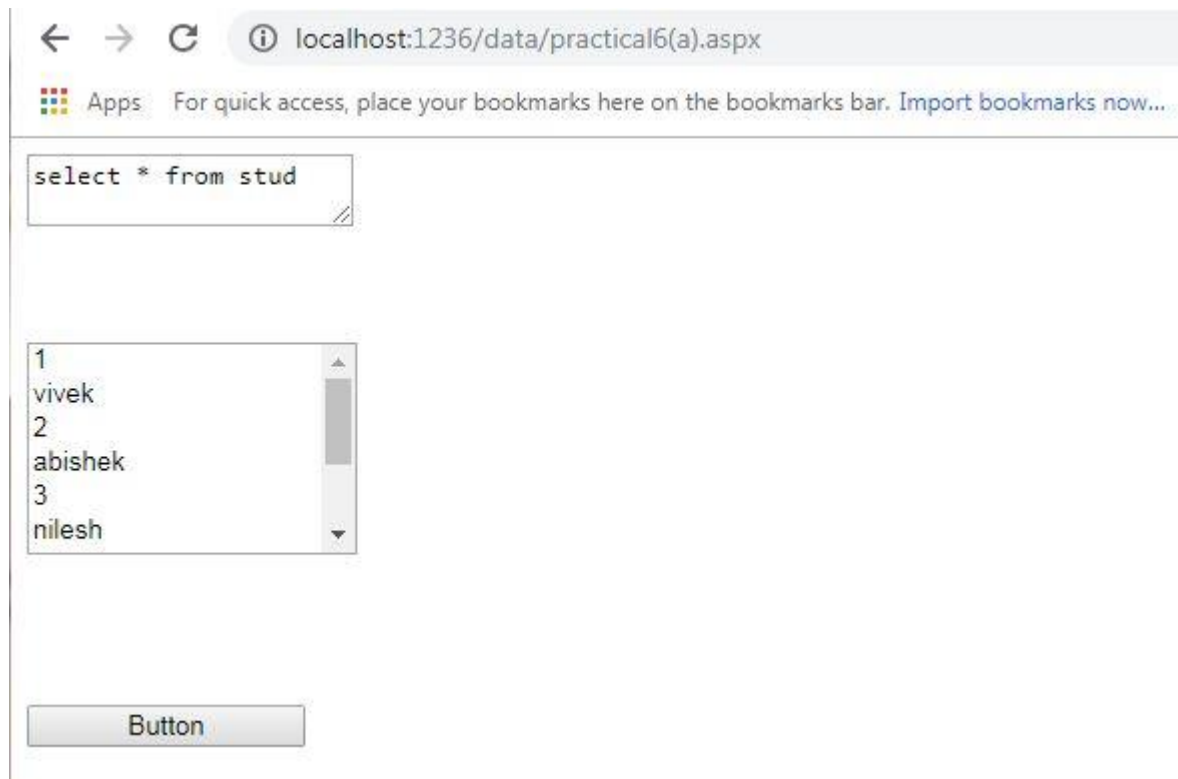
Create table :

	Column Name	Data Type	Allow Nulls
	sid	int	<input type="checkbox"/>
	sname	varchar(50)	<input checked="" type="checkbox"/>
	smarks	int	<input checked="" type="checkbox"/>
			<input type="checkbox"/>

	sid	sname	smarks
▶	1	vivek	86
	2	abishek	75
	3	nilesh	65
	4	ravi	87
	5	sandeep	76
*	NULL	NULL	NULL

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Output :



The screenshot shows a web browser window with the address bar displaying `localhost:1236/data/practical6(a).aspx`. Below the address bar, there is a text input field containing the SQL query `select * from stud`. Below the input field, there is a list box displaying the results of the query. The list box contains four items, each consisting of an ID number followed by a name: `1 vivek`, `2 abishek`, `3`, and `nilesh`. At the bottom of the page, there is a button labeled "Button".

ID	Name
1	vivek
2	abishek
3	
	nilesh

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Practical No.6(b)

Note : As above practical6(a) we had create one database connection and table also using this one in further practica6(b)..and so on

Problem Statement :-Create a web application to display records by using database

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=D:\sonu\TYIT\data\App_Data\Data.mdf;Integrated
Security=True;User Instance=True"></add>
    </connectionStrings>

</configuration>
```

Source code :

practical6(b).aspx :

```
<% @ Page Language="C#" AutoEventWireup="true" CodeFile="practical6(b).aspx.cs"
Inherits="practical6_b_" %>

<!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>
```


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```
</head>
<body>
  <form id="form1" runat="server">
    <div>

      <asp:Label ID="Label1" runat="server" Text="Student Details :"></asp:Label>
      <br />
      <br />
      <br />
      <asp:Label ID="Label2" runat="server" Text="Label"></asp:Label>
      <br />
      <br />
      <br />
      <br />
      <br />
      <br />
      <asp:Button ID="Button1" runat="server" onclick="Button1_Click"
        Text="Display Records" />

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

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practical6(b).aspx.cs :

```
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 practical6_b_ : 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);

        SqlCommand cmd = new SqlCommand("select sid,sname from stud", con);
        con.Open();
        SqlDataReader reader = cmd.ExecuteReader();

        while (reader.Read())
        {
            Label2.Text += reader["sid"].ToString() + "" + reader["sname"].ToString() + "<br>";
        }
        reader.Close();
        con.Close();
    }
}
```

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Design..Pactical6(b) :

Student Details :

Label

Display Records

Output :

← → ↻ ⓘ localhost:1236/data/practical6(b).aspx

Apps For quick access, place your bookmarks here on the bookmarks bar. [Import bookmarks now...](#)

Student Details :

Label1vivek
2abishek
3nilesh
4ravi
5sandeep
1vivek
2abishek
3nilesh
4ravi
5sandeep

Display Records

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Practical No .6(c)

Problem Statement :- Demonstrate the use of Datalist link control.

Source code :

practical6(c).aspx :

```
<%@ Page Language="C#" AutoEventWireup="true" CodeFile="practical6(c).aspx.cs"
Inherits="practical6_c_" %>
```

```
<!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>

    </div>
    <asp:DataList ID="DataList1" runat="server">
    </asp:DataList>
  </form>
</body>
</html>
```

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Design..practical6(c) :

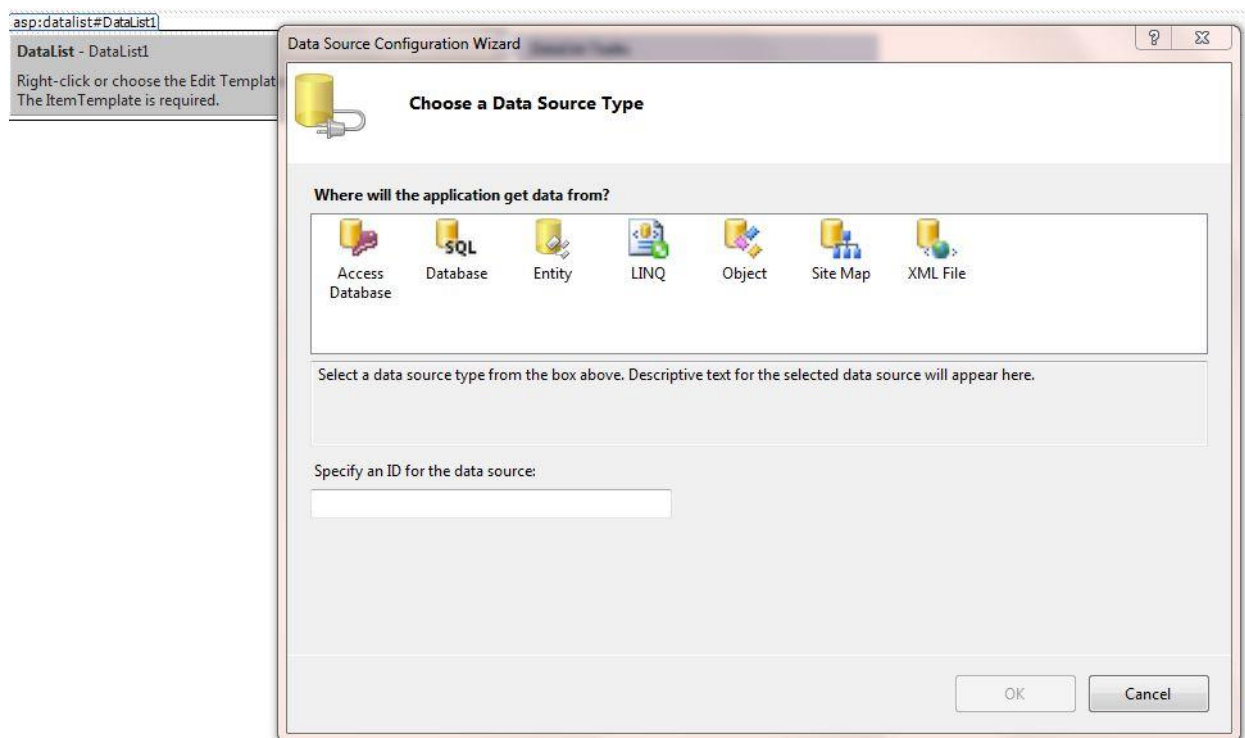
For Datalist link control we need certain steps :

Step 1:

DataList - DataList1

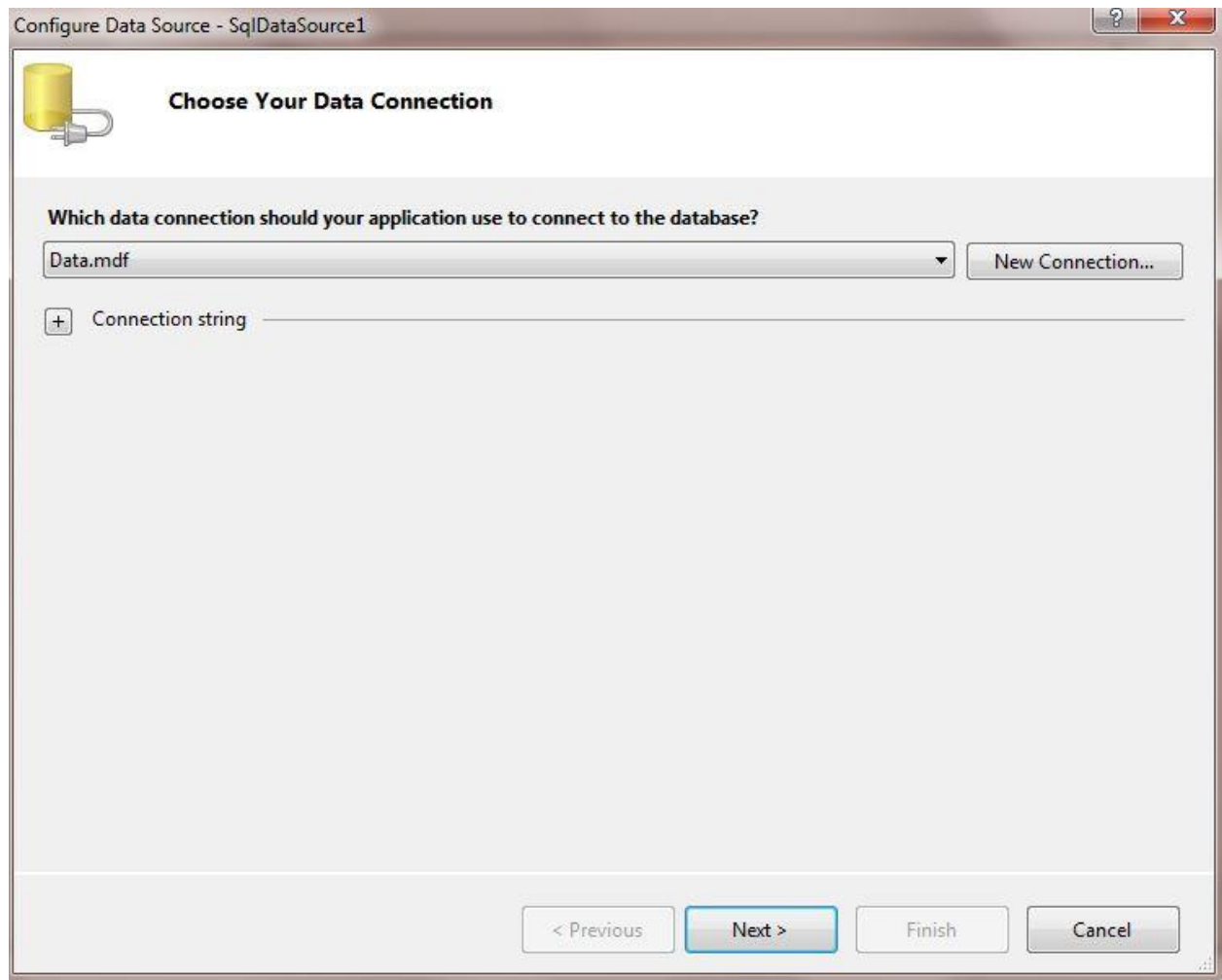
Right-click or choose the Edit Templates task to edit template content.
The ItemTemplate is required.

Step 2 :



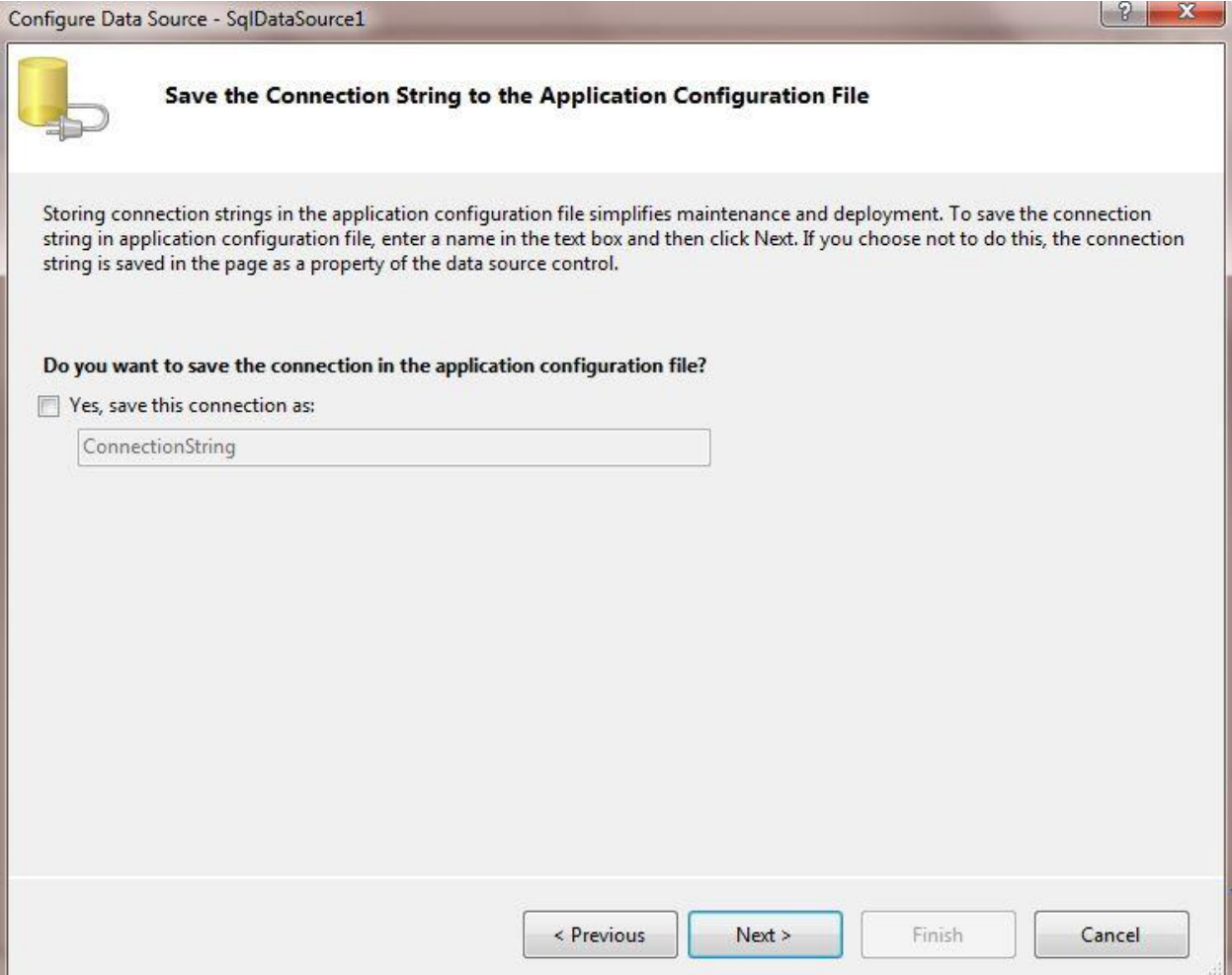
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Step 3:



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Step 4 :



Configure Data Source - SqlDataSource1

Save the Connection String to the Application Configuration File

Storing connection strings in the application configuration file simplifies maintenance and deployment. To save the connection string in application configuration file, enter a name in the text box and then click Next. If you choose not to do this, the connection string is saved in the page as a property of the data source control.

Do you want to save the connection in the application configuration file?

☒ Yes, save this connection as:

ConnectionString

< Previous Next > Finish Cancel

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Step 5 :

The screenshot shows a Windows-style dialog box titled "Configure Data Source - SqlDataSource1". The main heading is "Configure the Select Statement". Below this, a question asks "How would you like to retrieve data from your database?". There are two radio button options: "Specify a custom SQL statement or stored procedure" (unselected) and "Specify columns from a table or view" (selected). Under the selected option, there is a "Name:" label and a dropdown menu showing "stud". Below that is a "Columns:" label and a list box containing four items: "*" (checked), "sid", "sname", and "smarks". To the right of the list box is a checkbox labeled "Return only unique rows" which is unchecked. Below the list box are three buttons: "WHERE...", "ORDER BY...", and "Advanced...". At the bottom of the dialog, there is a text area labeled "SELECT statement:" containing the text "SELECT * FROM [stud]". At the very bottom, there are four buttons: "< Previous", "Next >", "Finish", and "Cancel".

Configure Data Source - SqlDataSource1

Configure the Select Statement

How would you like to retrieve data from your database?

☐ Specify a custom SQL statement or stored procedure

☒ Specify columns from a table or view

Name:

stud

Columns:

☒ *
☐ sid
☐ sname
☐ smarks

☐ Return only unique rows

WHERE...

ORDER BY...

Advanced...

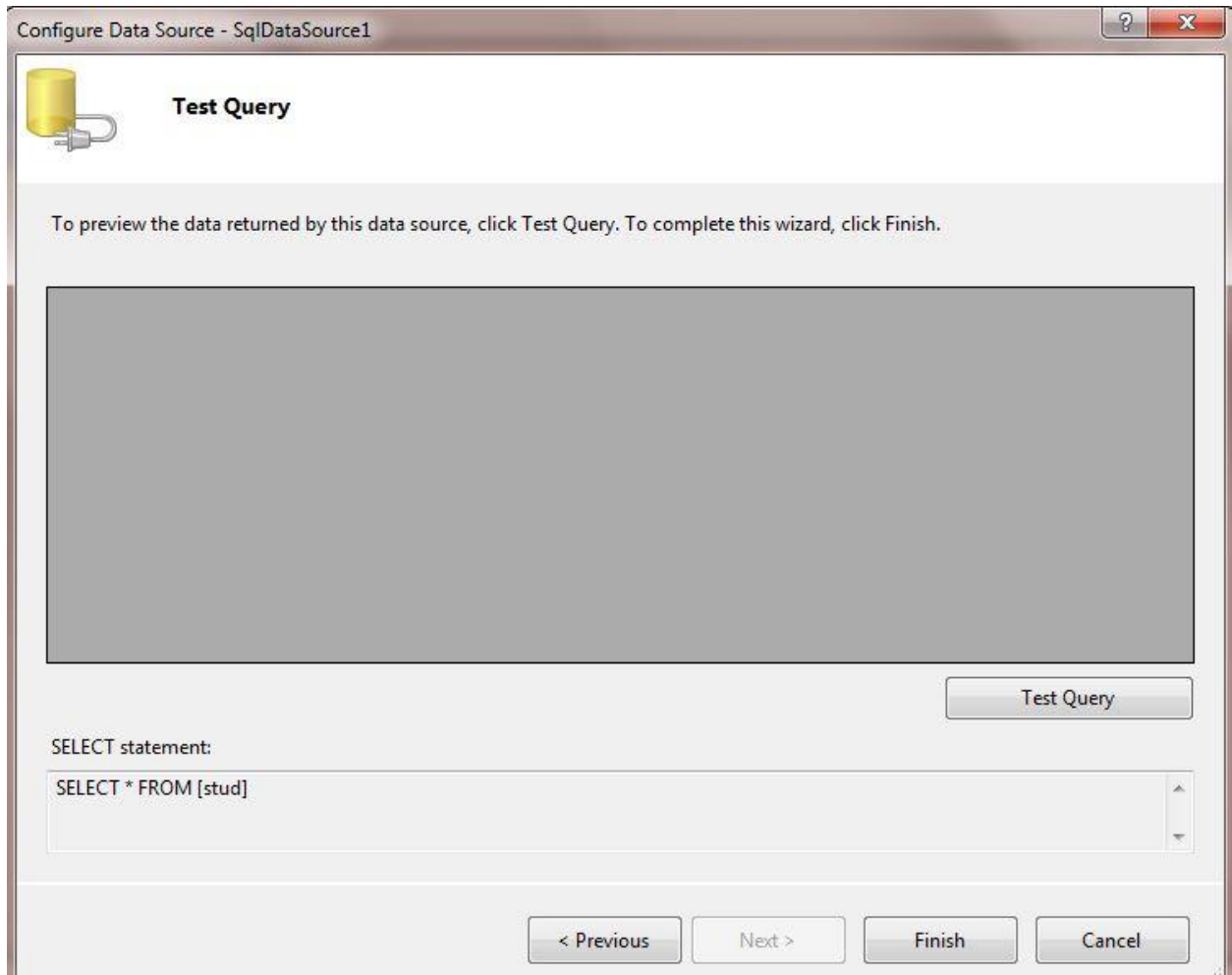
SELECT statement:

SELECT * FROM [stud]

< Previous Next > Finish Cancel

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Step 6 :



The screenshot shows a Windows-style dialog box titled "Configure Data Source - SqlDataSource1". The window has a yellow cylinder icon with a plug and the text "Test Query". Below the icon, a message reads: "To preview the data returned by this data source, click Test Query. To complete this wizard, click Finish." A large, empty rectangular area is intended for data preview. To the right of this area is a "Test Query" button. Below the preview area, the text "SELECT statement:" is followed by a text box containing the query "SELECT * FROM [stud]". At the bottom of the window are four buttons: "< Previous", "Next >", "Finish", and "Cancel".

Test Query

To preview the data returned by this data source, click Test Query. To complete this wizard, click Finish.

Test Query

SELECT statement:


SELECT * FROM [stud]

< Previous Next > Finish Cancel

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Step 7 :

Configure Data Source - SqlDataSource1

 **Test Query**

To preview the data returned by this data source, click Test Query. To complete this wizard, click Finish.

sid	sname	smarks
1	vivek	86
2	abishek	75
3	nilesh	65
4	ravi	87
5	sandeep	76

Test Query

SELECT statement:

SELECT * FROM [stud]

< Previous Next > Finish Cancel

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Step 8:

```
sid: 0  
sname: abc  
smarks: 0
```

```
sid: 1  
sname: abc  
smarks: 1
```

```
sid: 2  
sname: abc  
smarks: 2
```

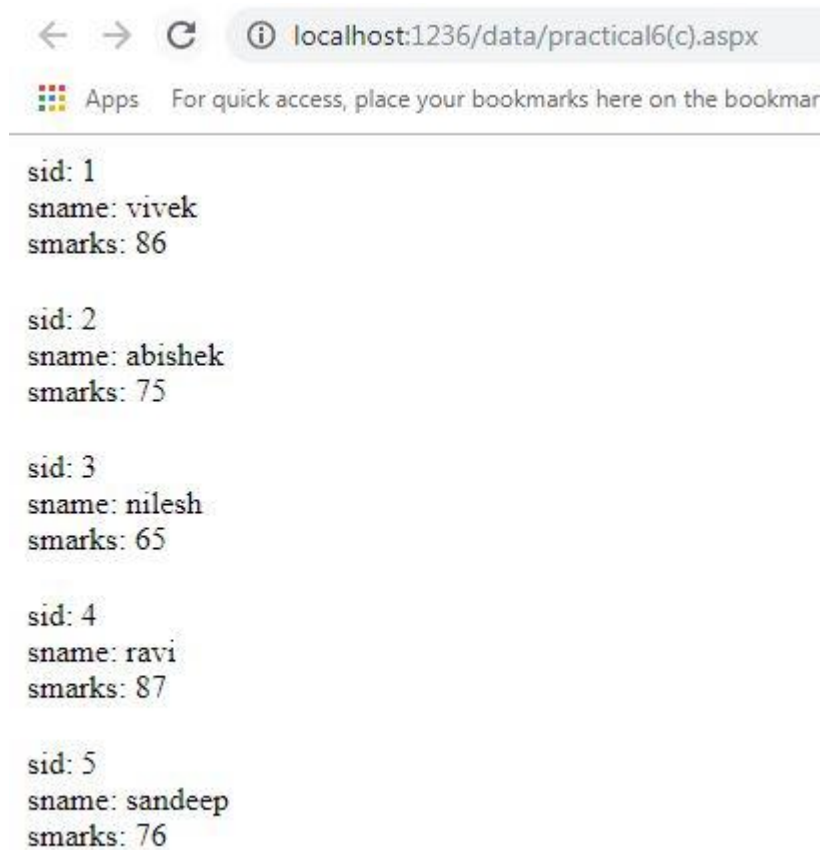
```
sid: 3  
sname: abc  
smarks: 3
```

```
sid: 4  
sname: abc  
smarks: 4
```

SqlDataSource - SqlDataSource1

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Output :



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Practical No.7(a)

Problem statement : Create a web application to display Databinding using DropDownList control

Note :In that The Databinding to DropDownList can be done using visual studio options to select the Data Source, The step is similar as performed in practical6(c)

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=D:\sonu\TYIT\data\App_Data\Data.mdf;Integrated  
Security=True;User Instance=True"></add>
```

```
  </connectionStrings>
```

```
</configuration>
```

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Source code :

Practical7(a).aspx:

```
<% @ Page Language="C#" AutoEventWireup="true" CodeFile="practical7(a).aspx.cs"
Inherits="practical7_a_" %>

<!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:DropDownList ID="DropDownList1" runat="server"
                DataTextField="sname" DataValueField="sname">
            </asp:DropDownList>
            <asp:SqlDataSource ID="SqlDataSource1" runat="server"
                ConnectionString="Data
Source=.\SQLEXPRESS;AttachDbFilename=|DataDirectory|\Data.mdf;Integrated
Security=True;User Instance=True"
                ProviderName="System.Data.SqlClient" SelectCommand="SELECT [sname] FROM
[stud]">
            </asp:SqlDataSource>
            <br />
            <br />
            <br />
            <asp:Button ID="Button1" runat="server" onclick="Button1_Click"
                Text="Click Me !" />
            <br />
            <br />
            <br />
            <asp:Label ID="Label1" runat="server" Text="Label"></asp:Label>

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

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practical.aspx.cs :

```
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;
using System.Data;
using System.Data.SqlClient;
using System.Configuration;

public partial class practical7_a_ : System.Web.UI.Page
{
    protected void Page_Load(object sender, EventArgs e)
    {
        if (IsPostBack == false)
        {
            string connStr =
                ConfigurationManager.ConnectionStrings["connStr"].ConnectionString;
            SqlConnection con = new SqlConnection(connStr);
            SqlCommand cmd = new SqlCommand("select Distinct sname from stud", con);

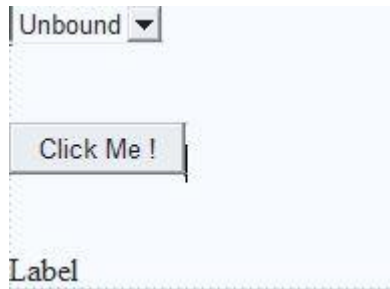
            con.Open();

            SqlDataReader reader = cmd.ExecuteReader();

            DropDownList1.DataSource = reader;
            DropDownList1.DataTextField = "sname";
            DropDownList1.DataBind();
            reader.Close();
            con.Close();
        }
    }
    protected void Button1_Click(object sender, EventArgs e)
    {
        Label1.Text = "The name you selected is :" + DropDownList1.SelectedValue;
    }
}
```

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Desing..practical7(a) :

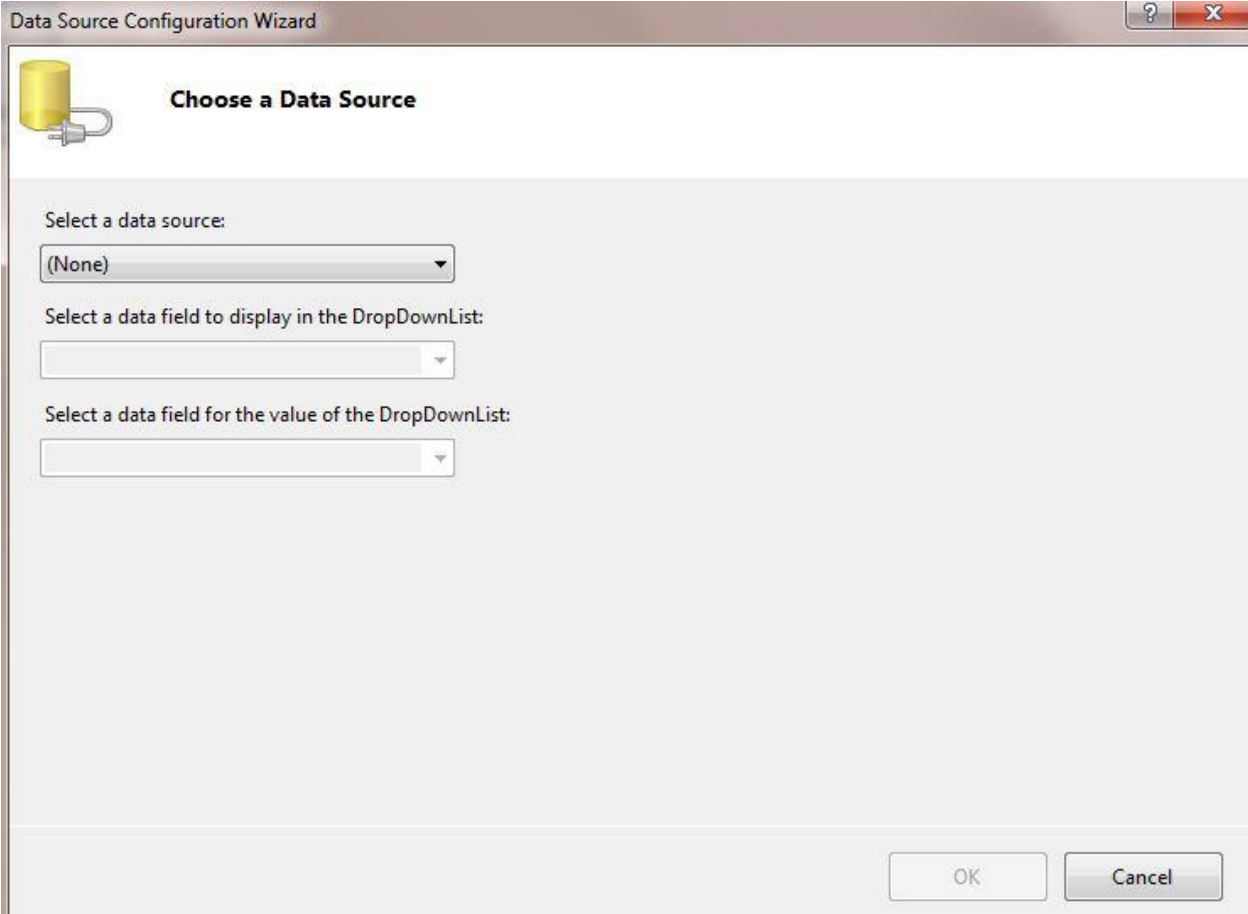


Note :The output can become either two way one is through **coding** in **.cs file**

(Or we can follow certain steps as given below)


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Step 1:



The image shows a Windows-style dialog box titled "Data Source Configuration Wizard". It features a yellow cylinder icon with a plug. The main heading is "Choose a Data Source". Below this, there are three labels and corresponding dropdown menus: "Select a data source:" with a dropdown showing "(None)", "Select a data field to display in the DropDownList:", and "Select a data field for the value of the DropDownList:". At the bottom right, there are "OK" and "Cancel" buttons.

Data Source Configuration Wizard

 **Choose a Data Source**

Select a data source:
(None)

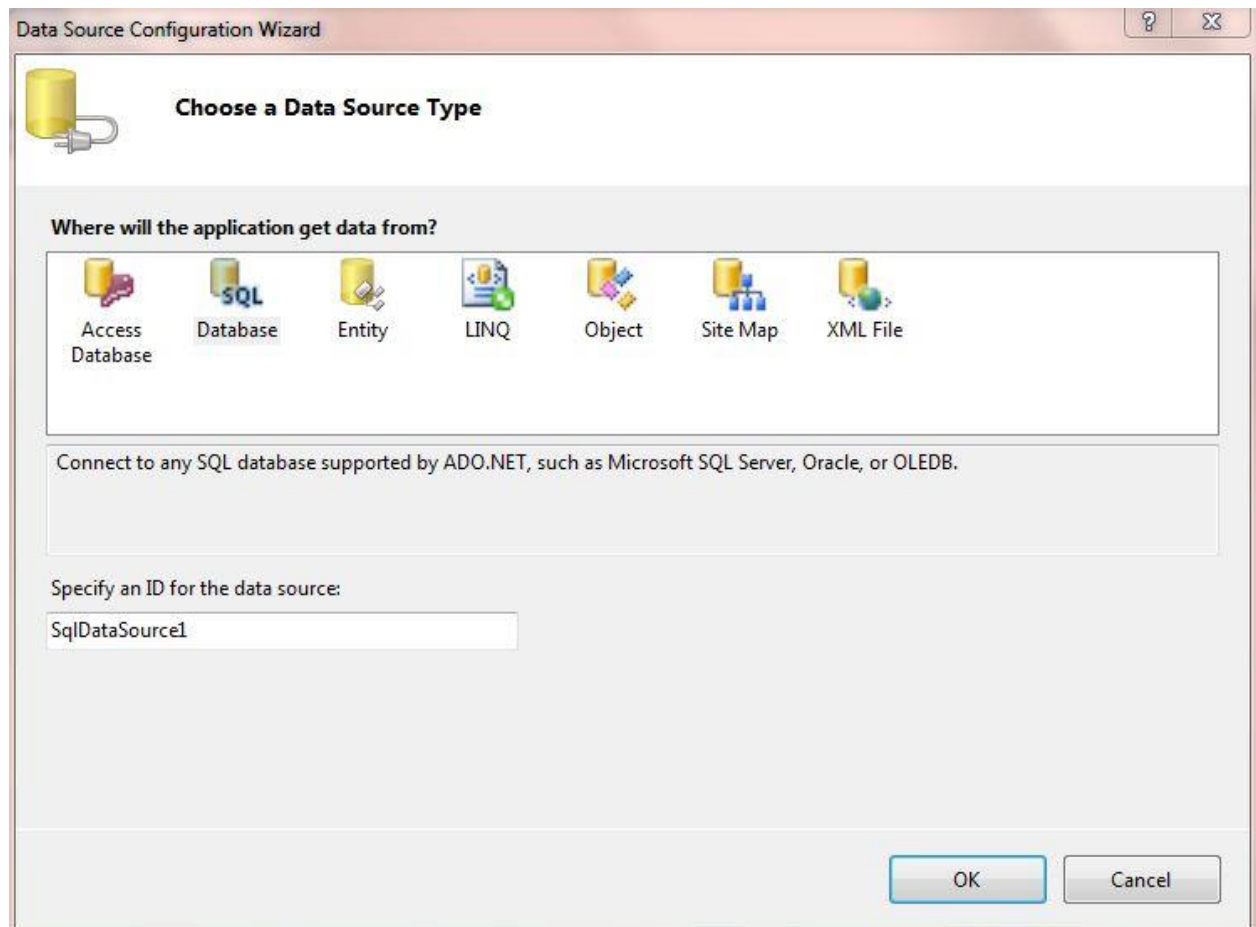
Select a data field to display in the DropDownList:

Select a data field for the value of the DropDownList:

OK Cancel

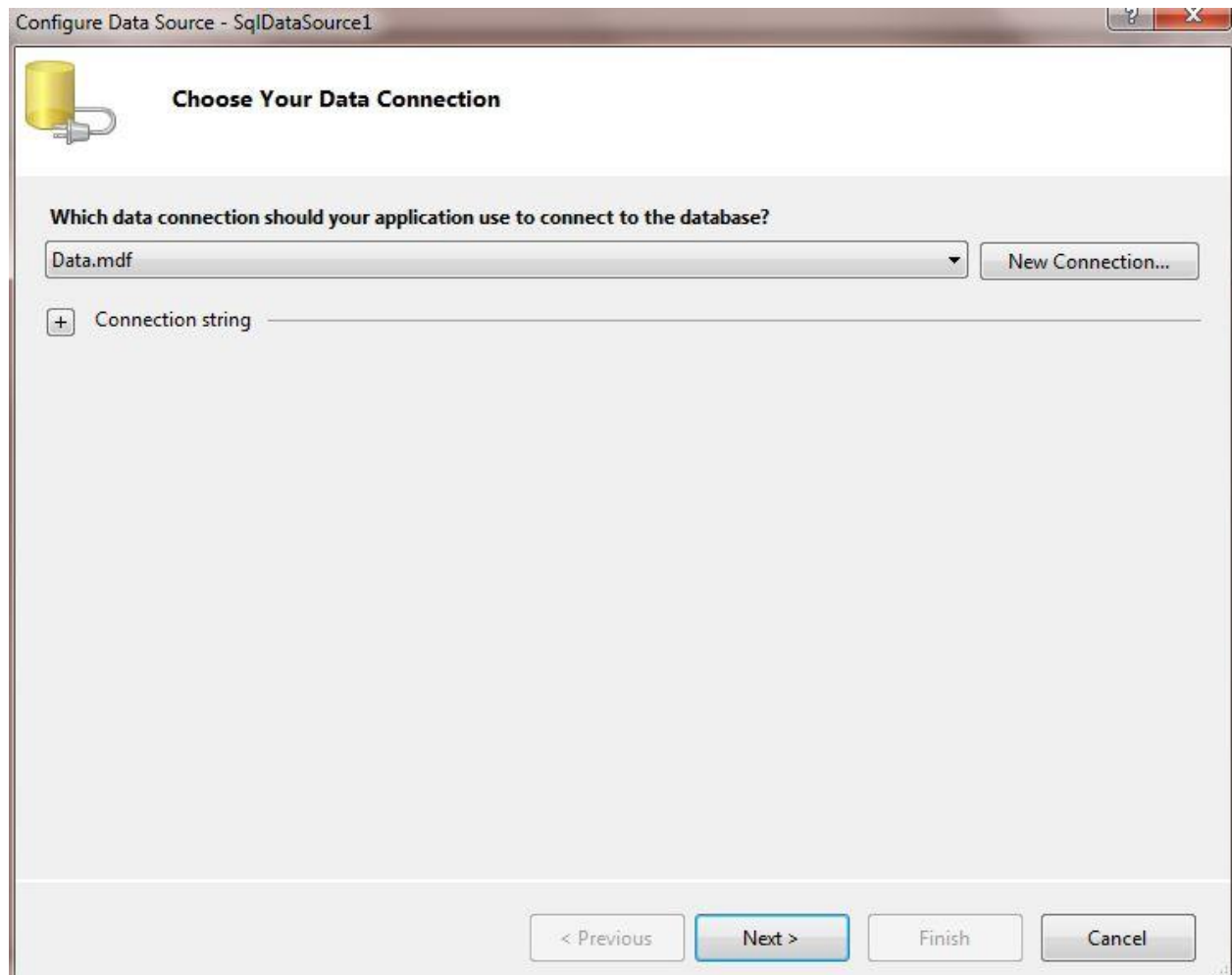
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Step 2:



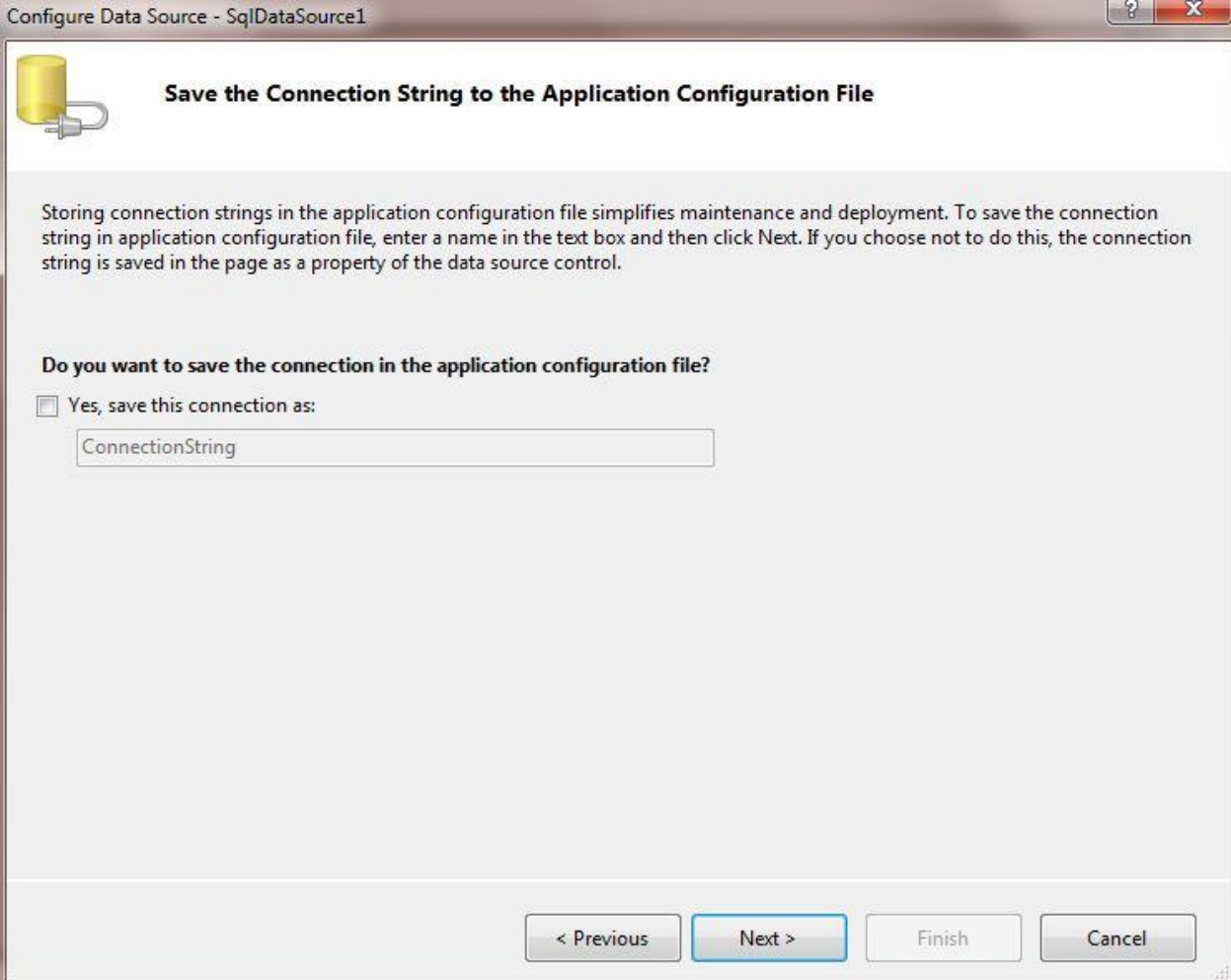
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Step 3:



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Step 4 :



Configure Data Source - SqlDataSource1

Save the Connection String to the Application Configuration File

Storing connection strings in the application configuration file simplifies maintenance and deployment. To save the connection string in application configuration file, enter a name in the text box and then click Next. If you choose not to do this, the connection string is saved in the page as a property of the data source control.

Do you want to save the connection in the application configuration file?

☒ Yes, save this connection as:

ConnectionString

< Previous Next > Finish Cancel

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Step 5 :

The screenshot shows the 'Configure Data Source - SqlDataSource1' dialog box, specifically the 'Configure the Select Statement' tab. The dialog has a title bar with a question mark and a close button. Below the title bar is a yellow cylinder icon and the text 'Configure the Select Statement'. The main area contains the question 'How would you like to retrieve data from your database?' with two radio button options: 'Specify a custom SQL statement or stored procedure' (unselected) and 'Specify columns from a table or view' (selected). Below the selected option is a 'Name:' dropdown menu with 'stud' selected. To the right of the dropdown is a 'Columns:' list box containing four items: '*' (unchecked), 'sid' (unchecked), 'sname' (checked and highlighted in blue), and 'smarks' (unchecked). To the right of the list box are three buttons: 'WHERE...', 'ORDER BY...', and 'Advanced...'. Above the 'WHERE...' button is a checkbox labeled 'Return only unique rows' which is unchecked. Below the list box is a 'SELECT statement:' text area containing the text 'SELECT [sname] FROM [stud]'. At the bottom of the dialog are four buttons: '< Previous' (disabled), 'Next >' (active/highlighted), 'Finish' (disabled), and 'Cancel' (disabled).

Configure Data Source - SqlDataSource1

Configure the Select Statement

How would you like to retrieve data from your database?

☐ Specify a custom SQL statement or stored procedure

☒ Specify columns from a table or view

Name:

stud

Columns:

- ☐ *
- ☐ sid
- ☒ sname
- ☐ smarks

☐ Return only unique rows

WHERE...

ORDER BY...

Advanced...

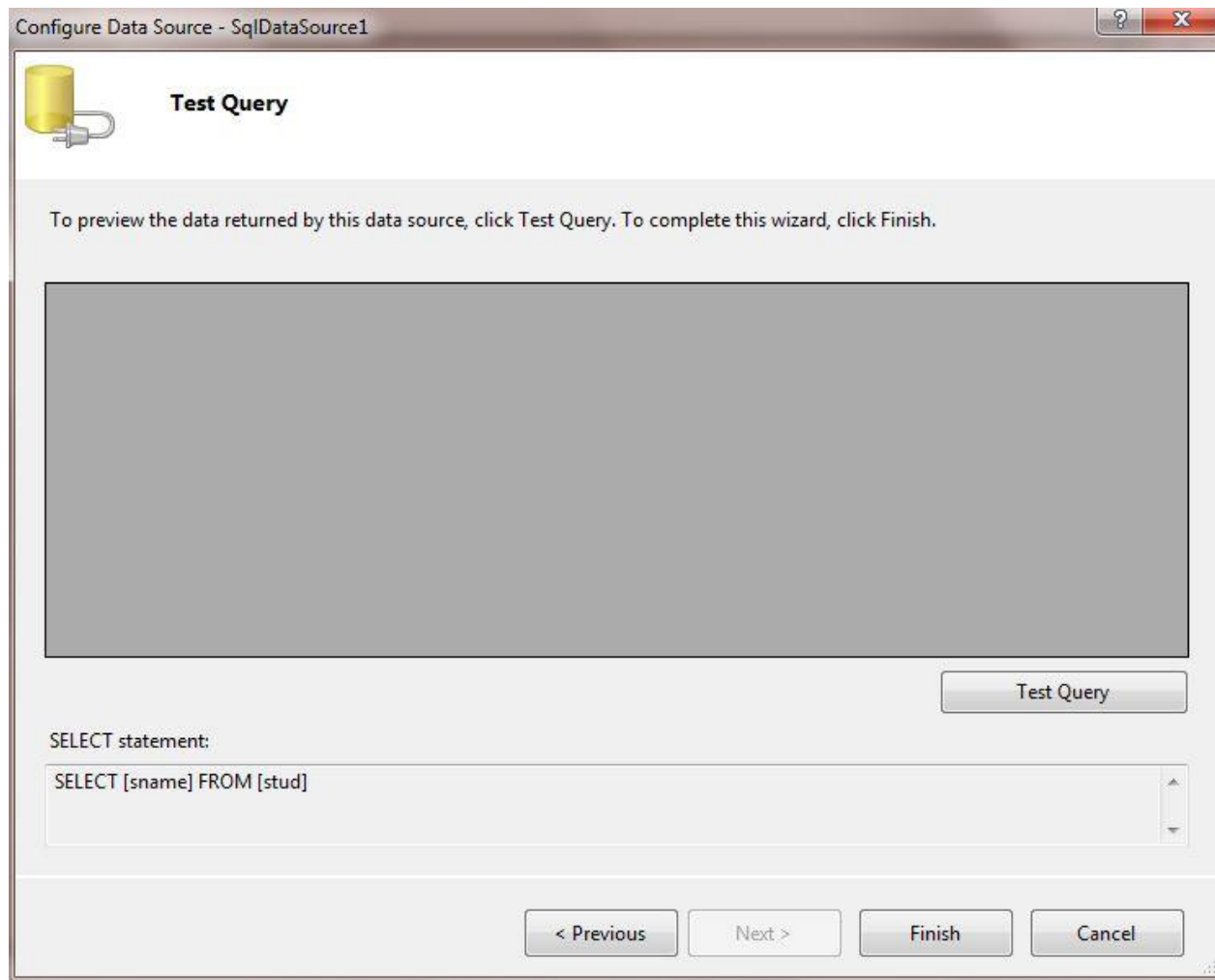
SELECT statement:

SELECT [sname] FROM [stud]

< Previous Next > Finish Cancel

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Step 6:




The screenshot shows a Windows-style dialog box titled "Configure Data Source - SqlDataSource1". The window has a yellow cylinder icon with a plug and the text "Test Query". Below the icon, a message reads: "To preview the data returned by this data source, click Test Query. To complete this wizard, click Finish." A large, empty gray rectangular area is intended for data preview. To the right of this area is a "Test Query" button. Below the preview area, the text "SELECT statement:" is followed by a text box containing the SQL query: "SELECT [sname] FROM [stud]". At the bottom of the window are four buttons: "< Previous", "Next >", "Finish", and "Cancel".

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Step 7 :

Configure Data Source - SqlDataSource1

 **Test Query**

To preview the data returned by this data source, click Test Query. To complete this wizard, click Finish.

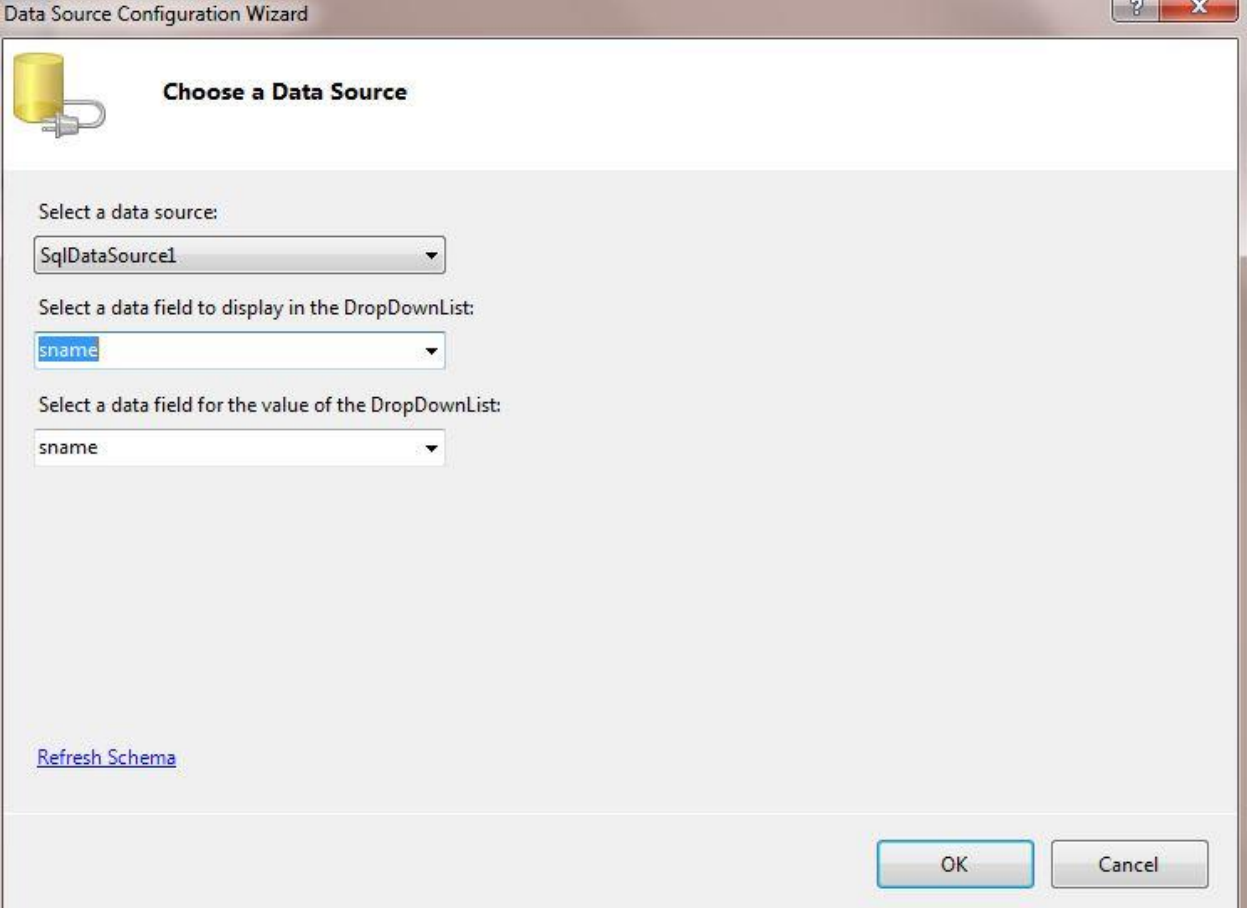
sname
vivek
abishek
nilesh
ravi
sandeep

SELECT statement:

SELECT [sname] FROM [stud]

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Step 8:



The image shows a Windows-style dialog box titled "Data Source Configuration Wizard". Inside the dialog, there is a yellow cylinder icon with a plug. The main heading is "Choose a Data Source". Below this, there are three dropdown menus. The first is labeled "Select a data source:" and has "SqlDataSource1" selected. The second is labeled "Select a data field to display in the DropDownList:" and has "sname" selected. The third is labeled "Select a data field for the value of the DropDownList:" and has "sname" selected. At the bottom left, there is a blue hyperlink labeled "Refresh Schema". At the bottom right, there are two buttons: "OK" and "Cancel".

Data Source Configuration Wizard

Choose a Data Source

Select a data source:
SqlDataSource1

Select a data field to display in the DropDownList:
sname

Select a data field for the value of the DropDownList:
sname

[Refresh Schema](#)

OK Cancel

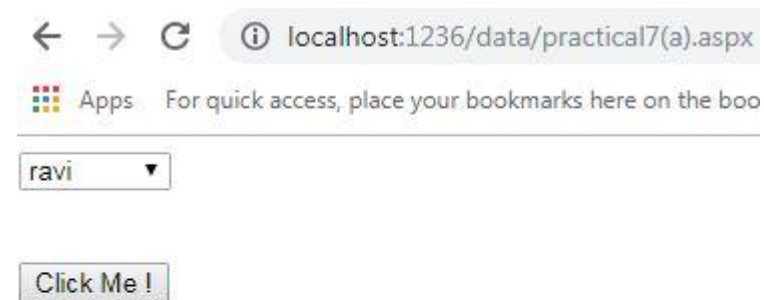
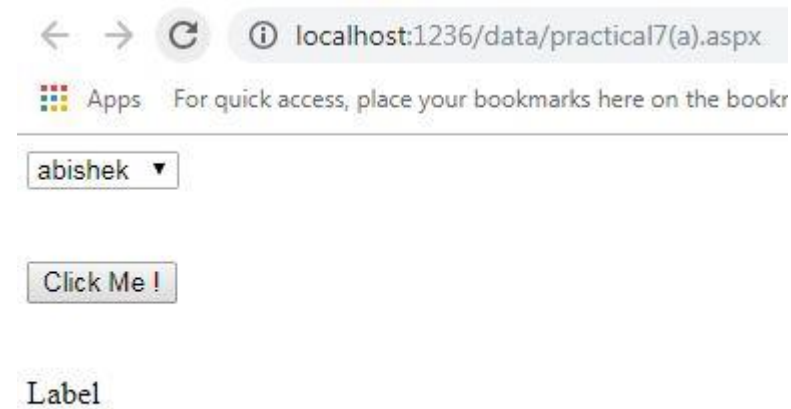
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Step 9 :



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Output :



The name you selected is :ravi

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Practical No.7(b)

Problem statement :- Create a web application for to display the marks of students using database.

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=D:\sonu\TYIT\data\App_Data\Data.mdf;Integrated
Security=True;User Instance=True"></add>
  </connectionStrings>

</configuration>
```

Source code :

Practical7(b).aspx :

```
<% @ Page Language="C#" AutoEventWireup="true" CodeFile="practical7(b).aspx.cs"
Inherits="practical7_b_" %>

<!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>
```

Advanced Web Programming With C#

```
<asp:Label ID="Label1" runat="server"
    Text="Select your name to get your marks :"></asp:Label>
<br />
<br />
<asp:DropDownList ID="DropDownList1" runat="server"
//DataSourceID="SqlDataSource1" Note:REMOVE IT
    DataTextField="sname" DataValueField="smarks">
</asp:DropDownList>
<asp:SqlDataSource ID="SqlDataSource1" runat="server"
    ConnectionString="Data
Source=.\SQLEXPRESS;AttachDbFilename=|DataDirectory|\Data.mdf;Integrated
Security=True;User Instance=True"
    ProviderName="System.Data.SqlClient"
    SelectCommand="SELECT [sname], [smarks] FROM [stud]"></asp:SqlDataSource>
<br />
<br />
<br />
<asp:Button ID="Button1" runat="server" onclick="Button1_Click"
    Text="Get Marks" />
<br />
<br />
<br />
<asp:Label ID="Label2" runat="server" Text="Label"></asp:Label>

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

Practical7(b).aspx.cs :

```
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 practcal7_b_ : System.Web.UI.Page
{
    protected void Page_Load(object sender, EventArgs e)
    {
        if (IsPostBack == false)
        {

```

Advanced Web Programming With C#

```
string connStr =
ConfigurationManager.ConnectionStrings["connStr"].ConnectionString;
SqlConnection con = new SqlConnection(connStr);
SqlCommand cmd = new SqlCommand("select Distinct sname,smarks from stud", con);

con.Open();

SqlDataReader reader = cmd.ExecuteReader();

DropDownList1.DataSource = reader;
DropDownList1.DataTextField = "sname";
DropDownList1.DataValueField = "smarks";
DropDownList1.DataBind();
reader.Close();
con.Close();
}
}

protected void Button1_Click(object sender, EventArgs e)
{
    Label2.Text = "Your Marks is :" + DropDownList1.SelectedValue;
}
}
```

Design...prctical7(b):

In design Take 1...Label 2..DropDownLis 3..Button 4..Label

Here is also same

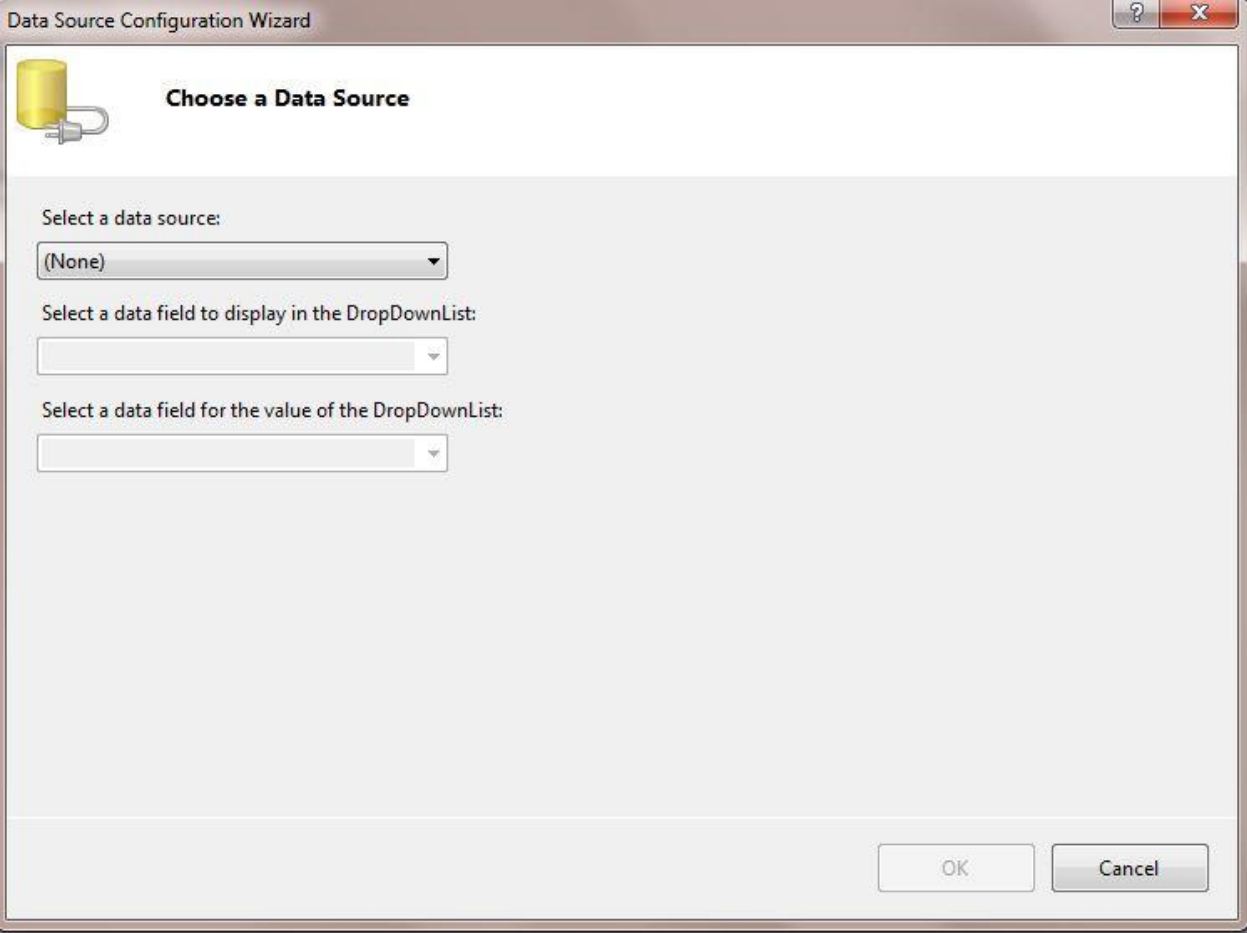
1.Through coding

..OR..

Follow certain step :


Advanced Web Programming With C#

Step 1 :



The image shows a Windows-style dialog box titled "Data Source Configuration Wizard". It features a yellow cylinder icon with a plug. The main heading is "Choose a Data Source". Below this, there are three labels and corresponding dropdown menus: "Select a data source:" with a dropdown showing "(None)", "Select a data field to display in the DropDownList:", and "Select a data field for the value of the DropDownList:". At the bottom right, there are "OK" and "Cancel" buttons.

Data Source Configuration Wizard

 **Choose a Data Source**

Select a data source:

(None)

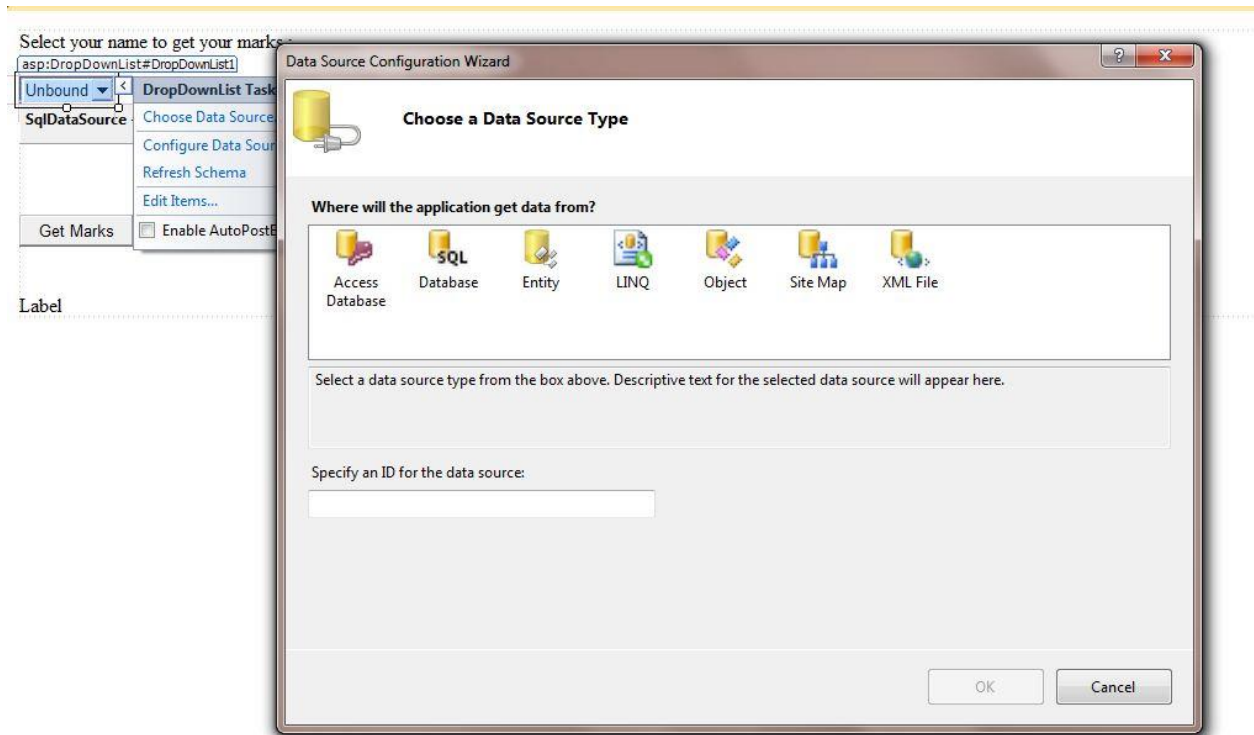
Select a data field to display in the DropDownList:

Select a data field for the value of the DropDownList:

OK Cancel

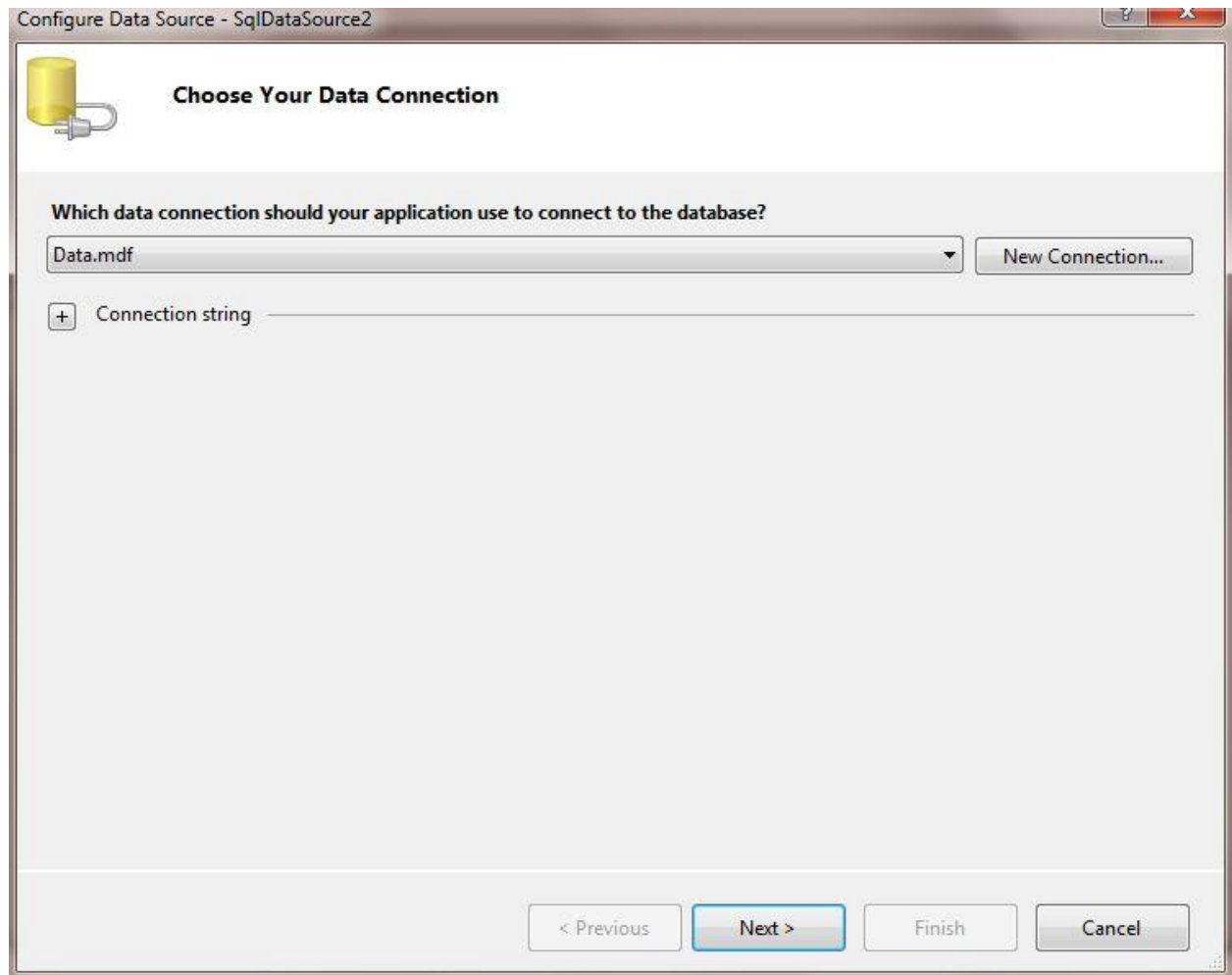
Advanced Web Programming With C#

Step2:



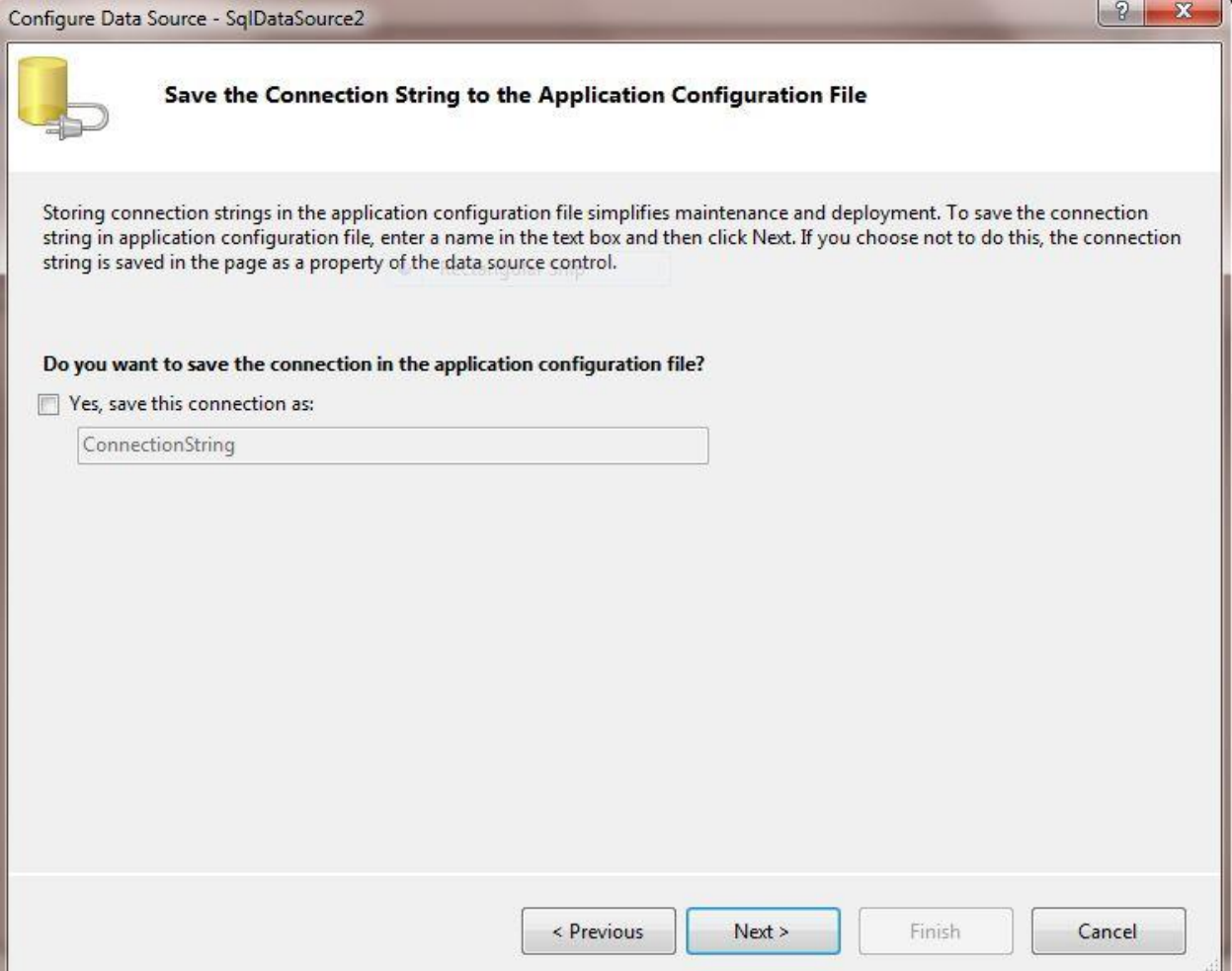
Advanced Web Programming With C#

Step 3:



Advanced Web Programming With C#

Step4:



Configure Data Source - SqlDataSource2

Save the Connection String to the Application Configuration File

Storing connection strings in the application configuration file simplifies maintenance and deployment. To save the connection string in application configuration file, enter a name in the text box and then click Next. If you choose not to do this, the connection string is saved in the page as a property of the data source control.

Do you want to save the connection in the application configuration file?

☐ Yes, save this connection as:

ConnectionString

< Previous Next > Finish Cancel

Advanced Web Programming With C#

Step 5 :

The screenshot shows the 'Configure Data Source - SqlDataSource2' dialog box, specifically the 'Configure the Select Statement' tab. The dialog has a title bar with a question mark and a close button. Inside, there's a yellow cylinder icon with a plug. The main heading is 'Configure the Select Statement'. Below it, the question 'How would you like to retrieve data from your database?' is followed by two radio buttons: 'Specify a custom SQL statement or stored procedure' (unselected) and 'Specify columns from a table or view' (selected). Under the selected option, there's a 'Name:' dropdown menu showing 'stud'. Below that is a 'Columns:' list box containing four items: '*' (unchecked), 'sid' (unchecked), 'sname' (checked), and 'smarks' (checked and highlighted in blue). To the right of the list box is a checkbox 'Return only unique rows' (unchecked) and three buttons: 'WHERE...', 'ORDER BY...', and 'Advanced...'. At the bottom left, there's a 'SELECT statement:' text box containing the SQL query 'SELECT [sname], [smarks] FROM [stud]'. At the bottom right, there are four buttons: '< Previous', 'Next >' (highlighted in blue), 'Finish', and 'Cancel'.

Configure Data Source - SqlDataSource2

Configure the Select Statement

How would you like to retrieve data from your database?

☐ Specify a custom SQL statement or stored procedure

☒ Specify columns from a table or view

Name:

stud

Columns:

- ☐ *
- ☐ sid
- ☒ sname
- ☒ smarks

☐ Return only unique rows

WHERE...

ORDER BY...

Advanced...

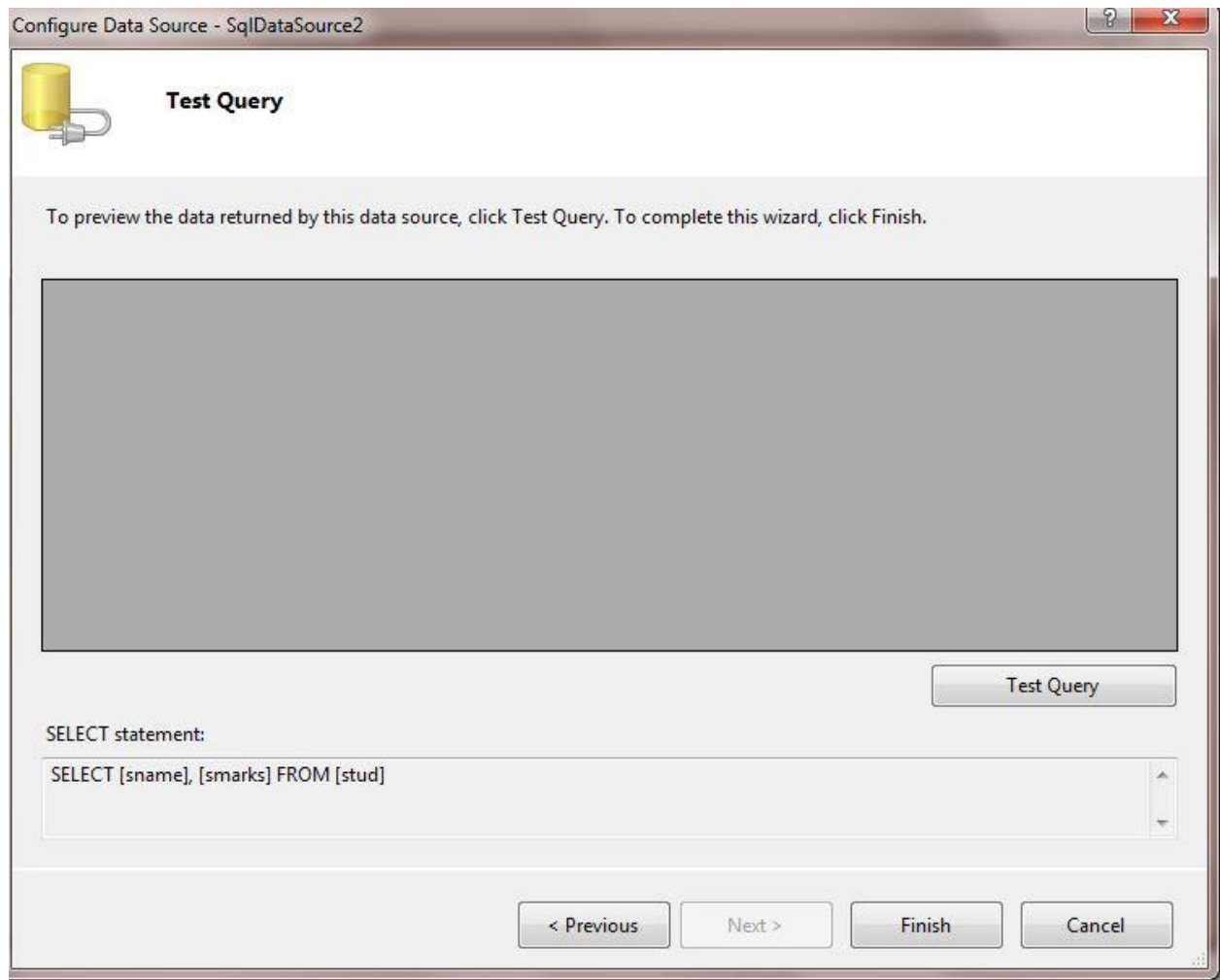
SELECT statement:

SELECT [sname], [smarks] FROM [stud]

< Previous Next > Finish Cancel

Advanced Web Programming With C#


Step 6:



Advanced Web Programming With C#

Step 7:

Configure Data Source - SqlDataSource2

 **Test Query**

To preview the data returned by this data source, click Test Query. To complete this wizard, click Finish.

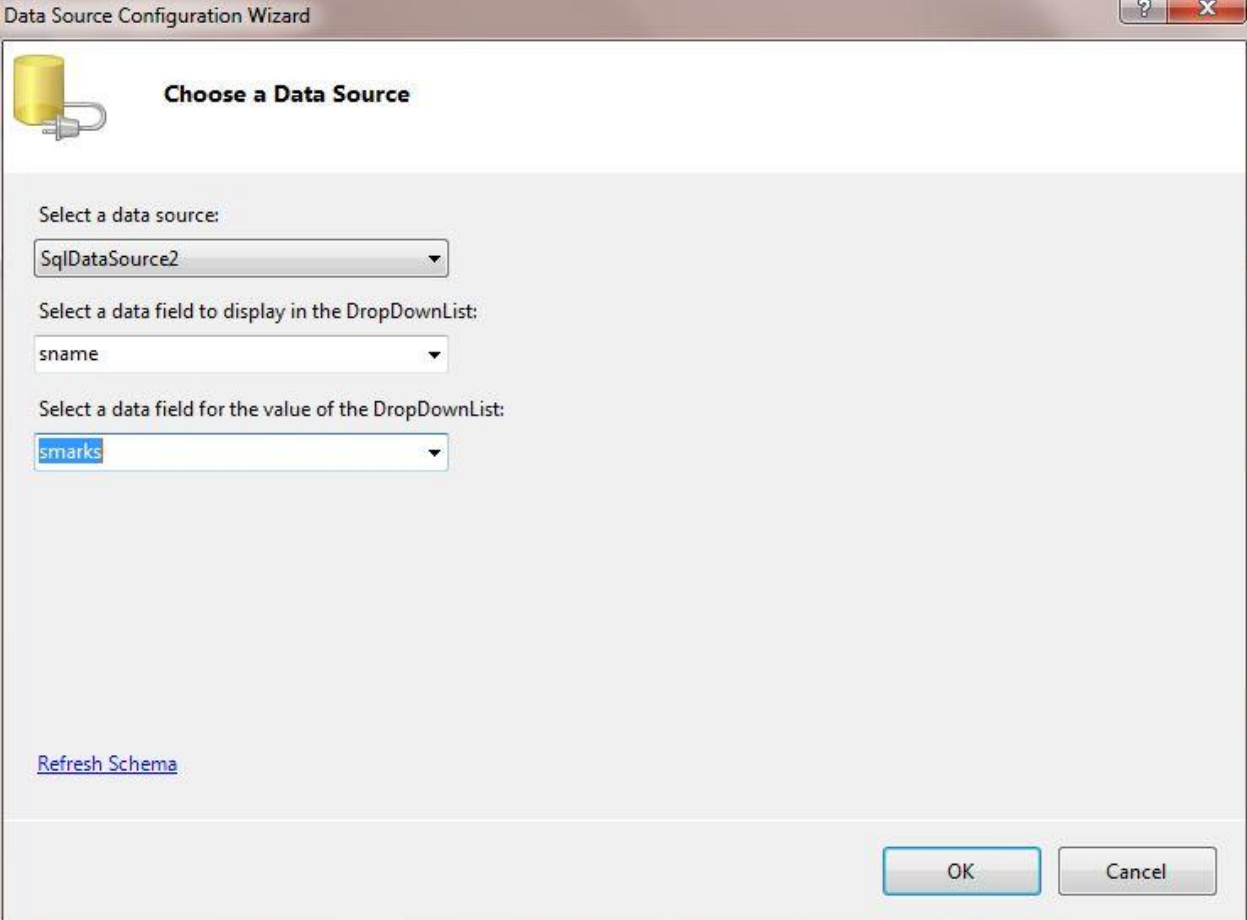
sname	smarks
vivek	86
abishek	75
nilesh	65
ravi	87
sandeep	76

SELECT statement:

`SELECT [sname], [smarks] FROM [stud]`

Advanced Web Programming With C#

Step8:



The image shows a Windows-style dialog box titled "Data Source Configuration Wizard". It has a yellow cylinder icon with a plug on the left. The main heading is "Choose a Data Source". Below this, there are three dropdown menus. The first is labeled "Select a data source:" and has "SqlDataSource2" selected. The second is labeled "Select a data field to display in the DropDownList:" and has "sname" selected. The third is labeled "Select a data field for the value of the DropDownList:" and has "smarks" selected. At the bottom left, there is a blue hyperlink labeled "Refresh Schema". At the bottom right, there are two buttons: "OK" and "Cancel".

Data Source Configuration Wizard

Choose a Data Source

Select a data source:

SqlDataSource2

Select a data field to display in the DropDownList:

sname

Select a data field for the value of the DropDownList:

smarks

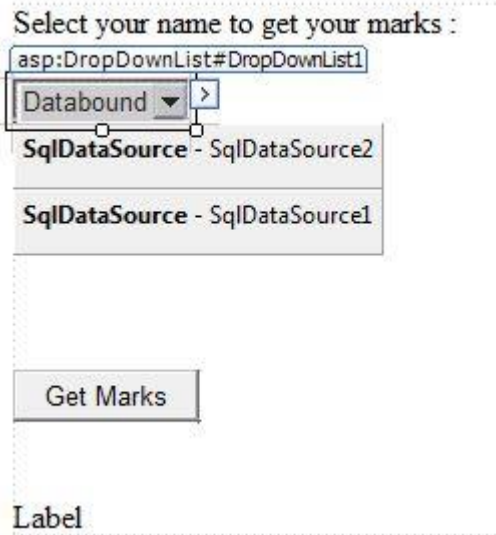
[Refresh Schema](#)

OK Cancel

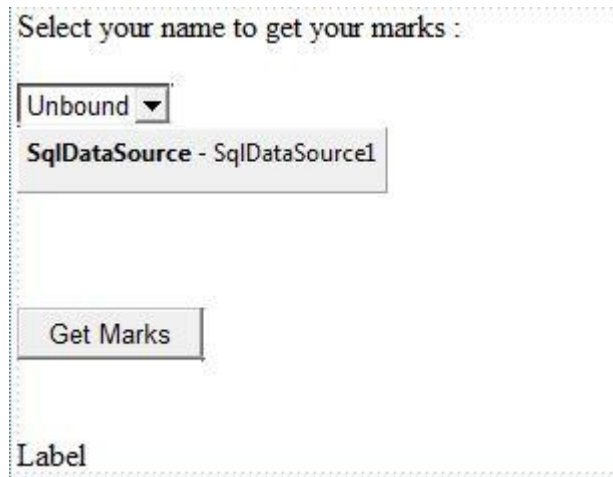
Advanced Web Programming With C#

Step 9 :

2)

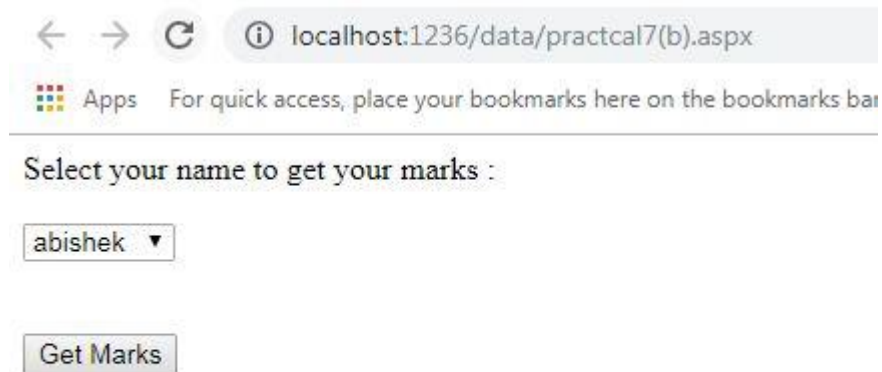


1)



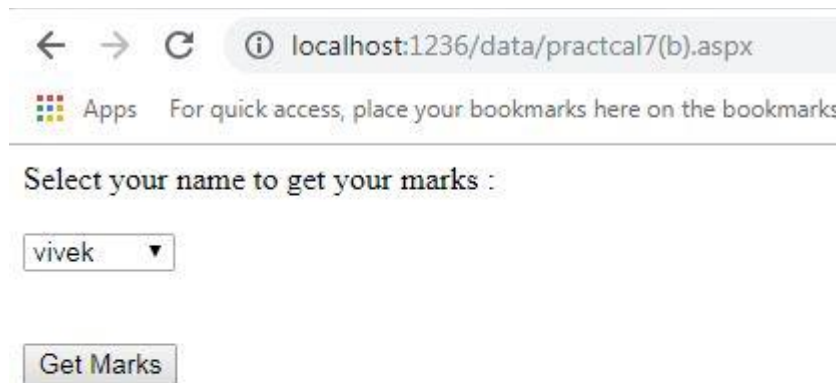
Advanced Web Programming With C#

Output :



A screenshot of a web browser window. The address bar shows 'localhost:1236/data/practcal7(b).aspx'. Below the address bar is a bookmarks bar with a single entry 'Apps' and a description 'For quick access, place your bookmarks here on the bookmarks bar'. The main content area displays the text 'Select your name to get your marks :'. Below this text is a dropdown menu with 'abishek' selected. At the bottom of the form is a button labeled 'Get Marks'.

Label



A screenshot of a web browser window, similar to the one above. The address bar shows 'localhost:1236/data/practcal7(b).aspx'. The bookmarks bar is the same. The main content area displays the text 'Select your name to get your marks :'. Below this text is a dropdown menu with 'vivek' selected. At the bottom of the form is a button labeled 'Get Marks'.

Your Marks is :86

Advanced Web Programming With C#

Practical No.7(c)

Problem Statement :- Create a web application for inserting and deleting record from a database.(Using Execute –Non Query).

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=D:\sonu\TYIT\data\App_Data\Data.mdf;Integrated
Security=True;User Instance=True"></add>
  </connectionStrings>

</configuration>
```

Source code :

Practical7(c).aspx :

```
<% @ Page Language="C#" AutoEventWireup="true" CodeFile="practical7(c).aspx.cs"
Inherits="practical7_c_" %>

<!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:Label ID="Label1" runat="server" Text="Enter student ID :"></asp:Label>  
&nbsp;   <asp:TextBox ID="TextBox1" runat="server"></asp:TextBox>  
<br />  
<br />  
<asp:Label ID="Label2" runat="server" Text="Enter student name :"></asp:Label>  
&nbsp;   <asp:TextBox ID="TextBox2" runat="server"></asp:TextBox>  
<br />  
<br />  
<asp:Label ID="Label3" runat="server" Text="Enter student marks :"></asp:Label>  
&nbsp;   <asp:TextBox ID="TextBox3" runat="server"></asp:TextBox>  
<br />  
<br />  
<asp:Label ID="Label4" runat="server" Text="Label"></asp:Label>  
<br />  
<br />  
<asp:Button ID="Button1" runat="server" onclick="Button1_Click"  
        Text="Insert Record" />  
&nbsp;   &nbsp;  &nbsp;  &nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;<asp:Button ID="Button2" runat="server" onclick="Button2_Click"  
        Text="delete Record" />  
  
</div>  
</form>  
</body>  
</html>
```

```
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;
```

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```
{
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);
    string InsertQuery = "insert into stud values (@sid,@sname,@smarks)";
    SqlCommand cmd = new SqlCommand(InsertQuery, con);
    cmd.Parameters.AddWithValue("@sid", TextBox1.Text);
    cmd.Parameters.AddWithValue("@sname", TextBox2.Text);
    cmd.Parameters.AddWithValue("@smarks", TextBox3.Text);
    con.Open();

    cmd.ExecuteNonQuery();
    Label4.Text = "Recored Inserted Successfully";
    con.Close();

}

protected void Button2_Click(object sender, EventArgs e)
{
    string connStr =
    ConfigurationManager.ConnectionStrings["connStr"].ConnectionString;
    SqlConnection con = new SqlConnection(connStr);
    string InsertQuery = "delete from stud where sid=@sid";
    SqlCommand cmd = new SqlCommand(InsertQuery, con);
    cmd.Parameters.AddWithValue("@sid", TextBox1.Text);
    // cmd.Parameters.AddWithValue("@sname", TextBox2.Text);
    // cmd.Parameters.AddWithValue("@smarks", TextBox3.Text);

    con.Open();
    cmd.ExecuteNonQuery();

    Label4.Text = "Recored Deleted Successfully";
    con.Close();
}
}
```

Advanced Web Programming With C#

Design..practical7(c) :

asp:label#Label1

Enter student ID :

Enter student name :

Enter student marks :

Label

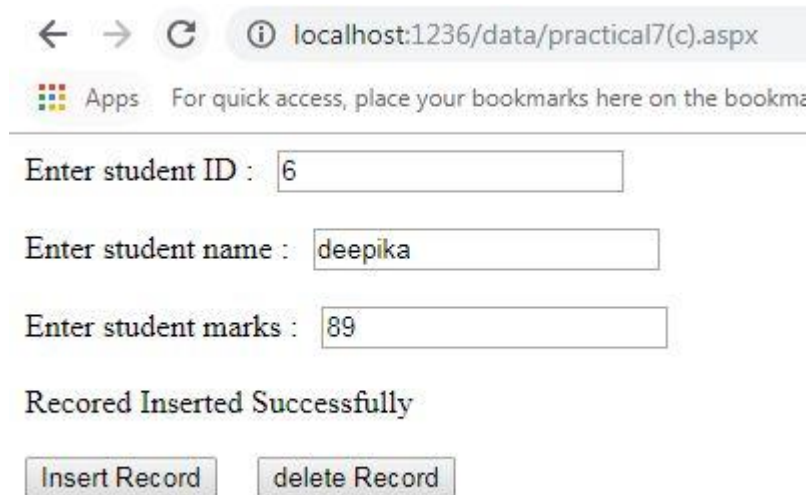
Table :

	sid	sname	smarks
▶	1	vivek	86
	2	abishek	75
	3	nilesh	65
	4	ravi	87
	5	sandeep	76
*	NULL	NULL	NULL

Advanced Web Programming With C#

Output :

When you **insert** record in **table** :



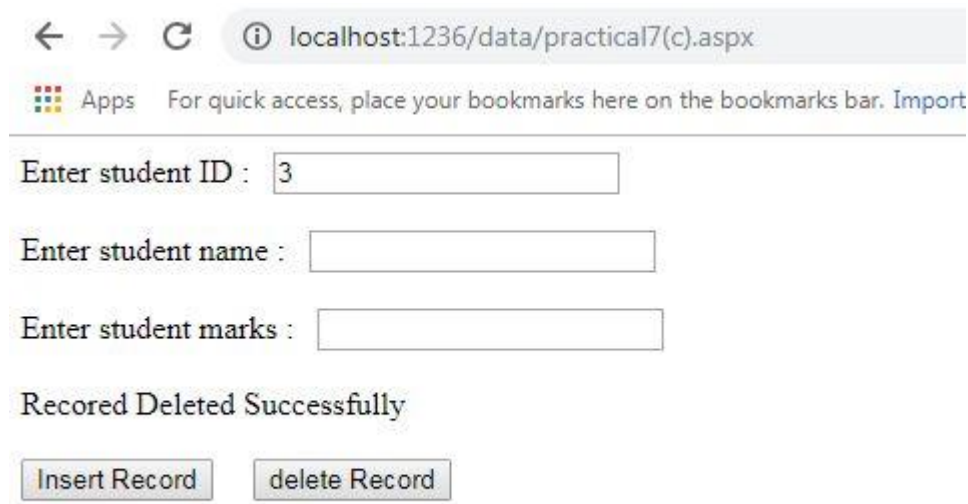
The screenshot shows a web browser window with the address bar displaying 'localhost:1236/data/practical7(c).aspx'. Below the address bar, there is a text input field labeled 'Enter student ID :' with the value '6'. Below that is another text input field labeled 'Enter student name :' with the value 'deepika'. Below that is a third text input field labeled 'Enter student marks :' with the value '89'. Below these fields, the text 'Recorded Inserted Successfully' is displayed. At the bottom, there are two buttons: 'Insert Record' and 'delete Record'.

The **table** will be :

	sid	sname	smarks
▶	1	vivek	86
	2	abishek	75
	3	nilesh	65
	4	ravi	87
	5	sandeep	76
	6	deepika	89
*	NULL	NULL	NULL

Advanced Web Programming With C#

When you **delete** some records in **table** :



The screenshot shows a web browser window with the address bar displaying 'localhost:1236/data/practical7(c).aspx'. Below the address bar, there is a message: 'Apps For quick access, place your bookmarks here on the bookmarks bar. Import'. The main content area contains three input fields: 'Enter student ID : 3', 'Enter student name :', and 'Enter student marks :'. Below these fields, the text 'Record Deleted Successfully' is displayed. At the bottom, there are two buttons: 'Insert Record' and 'delete Record'.

The **table** will be :

	sid	sname	smarks
▶	1	vivek	86
	2	abishek	75
	4	ravi	87
	5	sandeep	76
	6	deepika	89
*	NULL	NULL	NULL

Advanced Web Programming With C#

Practical No.8(a)

Problem Statement : Create a web application to demonstrate various uses and properties of SqlDataSource

Source code :

8a.aspx.cs :

```
<%@ Page Language="C#" AutoEventWireup="true" CodeFile="8a.aspx.cs" Inherits="_8a" %>

<!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:DropDownList ID="DropDownList1" runat="server" AutoPostBack="True"
                DataSourceID="SqlDataSource1" DataTextField="sname"
                DataValueField="sname"
                onselectedindexchanged="DropDownList1_SelectedIndexChanged">
            </asp:DropDownList>
            <asp:SqlDataSource ID="SqlDataSource1" runat="server"
                ConnectionString="Data Source=DESKTOP-
                E28D6T8;Initial
                Catalog=AwpPractical;Integrated Security=True"
                ProviderName="System.Data.SqlClient"
                SelectCommand="SELECT [sname] FROM [student]"></asp:SqlDataSource>
            <asp:DataList ID="DataList1" runat="server" DataSourceID="SqlDataSource2">
                <ItemTemplate
                    > sid:
                    <asp:Label ID="sidLabel" runat="server" Text="<%# Eval("sid") %>" />
                    <br />
                    sname
                    :
                    <asp:Label ID="snameLabel" runat="server" Text="<%# Eval("sname") %>" />
                    <br />
                    smarks:
                    <asp:Label ID="smarksLabel" runat="server" Text="<%# Eval("smarks") %>"

                />
            </asp:DataList>
        </div>
    </form>
</body>
</html>
```

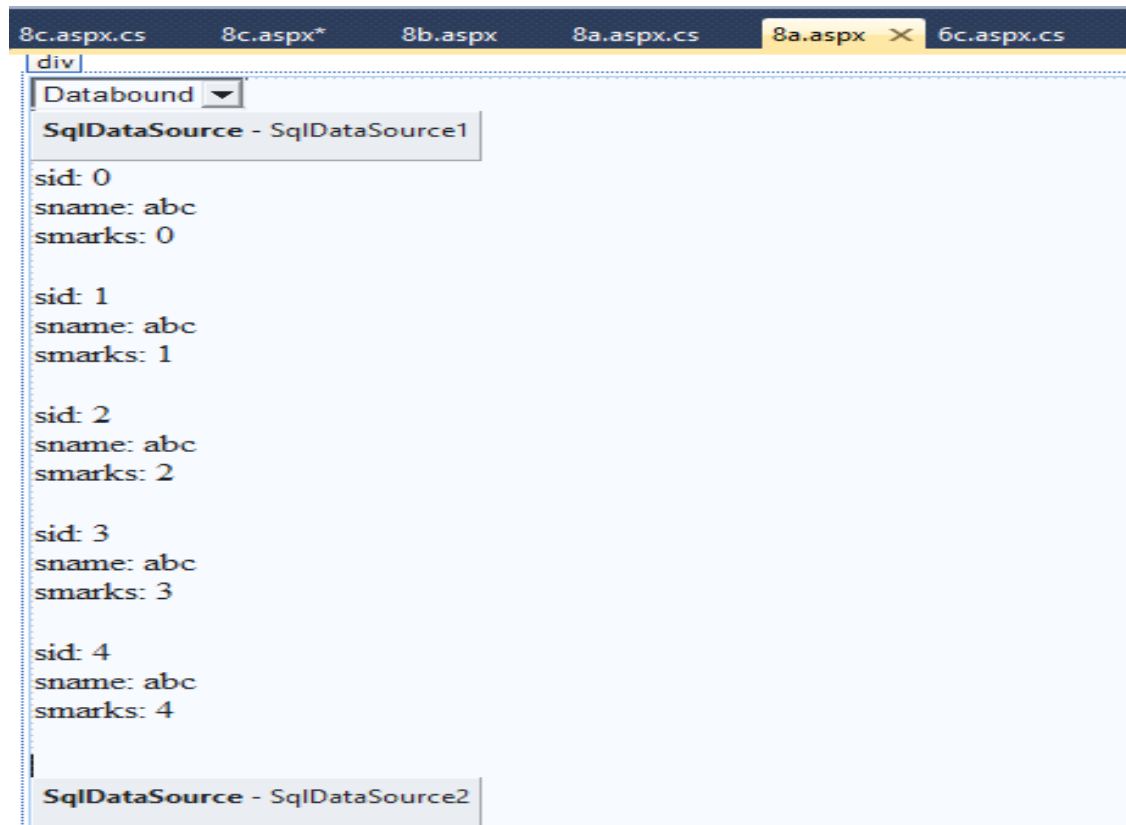
Advanced Web Programming With C#

```
<br />
        <br />
        </ItemTemplate
        >
    </asp:DataList>
    <br />
    <asp:SqlDataSource ID="SqlDataSource2" runat="server"
        ConnectionString="Data Source=DESKTOP-
        E28D6T8;Initial
        Catalog=AwpPractical;Integrated Security=True"
        ProviderName="System.Data.SqlClient"
        SelectCommand="SELECT * FROM [student] WHERE ([sname] = @sname)" >
        <SelectParameters>
            <asp:ControlParameter ControlID="DropDownList1"
                Name="sname" PropertyName="SelectedValue"
                Type="String" />
        </SelectParameters>
    </asp:SqlDataSource>

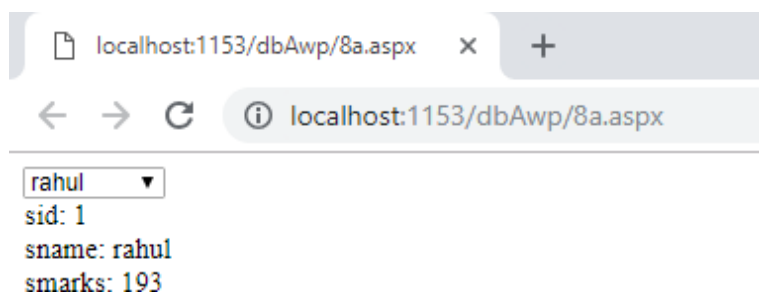
</div>
</form>
</body>
</html>
```

Advanced Web Programming With C#

Design.....8(a)



Output:



Advanced Web Programming With C#

PracticalNo.8(b)

Problem statements :- Create a web application to demonstrate data binding using Details View and Form View Control

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="true" targetFramework="4.0"/>
  </system.web>
  <connectionStrings>
    <add name="connStr" connectionString="Data
Source=.\SQLEXPRESS;AttachDbFilename=D:\sonu\TYIT\data\App_Data\Data.mdf;Integrated
Security=True;User Instance=True"></add>
  </connectionStrings>
</configuration>
```

Source code :

Practical8(b).aspx :

```
<% @ Page Language="C#" AutoEventWireup="true" CodeFile="practical8(b).aspx.cs"
Inherits="practical8_b_" %>

<!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:DetailsView ID="DetailsView1" runat="server" AutoGenerateRows="False"
```

Advanced Web Programming With C#

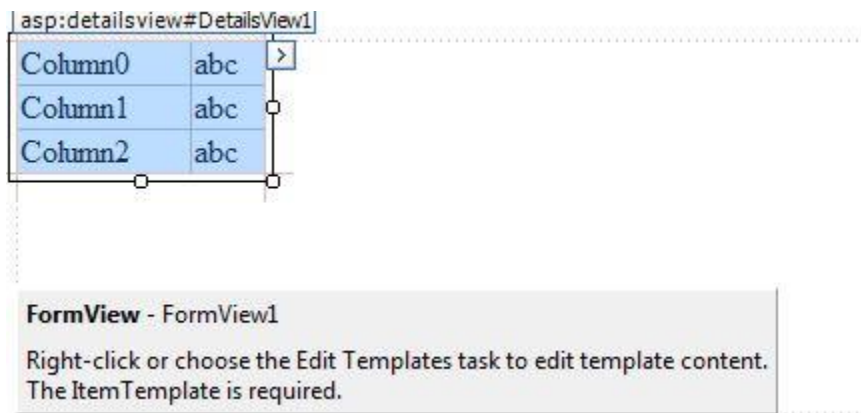
```
DataKeyNames="sid" DataSourceID="SqlDataSource1" Height="50px"
Width="125px">
    <Fields>
        <asp:BoundField DataField="sid" HeaderText="sid" ReadOnly="True"
            SortExpression="sid" />
        <asp:BoundField DataField="sname" HeaderText="sname" SortExpression="sname"
/>
        <asp:BoundField DataField="smarks" HeaderText="smarks"
            SortExpression="smarks" />
    </Fields>
</asp:DetailsView>
<asp:SqlDataSource ID="SqlDataSource1" runat="server"
    ConnectionString="Data
Source=.\SQLEXPRESS;AttachDbFilename=|DataDirectory|\Data.mdf;Integrated
Security=True;User Instance=True"
    ProviderName="System.Data.SqlClient" SelectCommand="SELECT * FROM [stud]">
</asp:SqlDataSource>
<br />
<asp:FormView ID="FormView1" runat="server" DataKeyNames="sid"
    DataSourceID="SqlDataSource2">
    <EditItemTemplate>
        sid:
        <asp:Label ID="sidLabel1" runat="server" Text='<%# Eval("sid") %>' />
        <br />
        sname:
        <asp:TextBox ID="snameTextBox" runat="server" Text='<%# Bind("sname") %>' />
        <br />
        smarks:
        <asp:TextBox ID="smarksTextBox" runat="server" Text='<%# Bind("smarks") %>' />
        <br />
        <asp:LinkButton ID="UpdateButton" runat="server" CausesValidation="True"
            CommandName="Update" Text="Update" />
        &nbsp;<asp:LinkButton ID="UpdateCancelButton" runat="server"
            CausesValidation="False" CommandName="Cancel" Text="Cancel" />
    </EditItemTemplate>
    <InsertItemTemplate>
        sid:
        <asp:TextBox ID="sidTextBox" runat="server" Text='<%# Bind("sid") %>' />
        <br />
        sname:
        <asp:TextBox ID="snameTextBox" runat="server" Text='<%# Bind("sname") %>' />
        <br />
        smarks:
        <asp:TextBox ID="smarksTextBox" runat="server" Text='<%# Bind("smarks") %>' />
        <br />
        <asp:LinkButton ID="InsertButton" runat="server" CausesValidation="True"
```

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```
CommandName="Insert" Text="Insert" />
    &nbsp;<asp:LinkButton ID="InsertCancelButton" runat="server"
        CausesValidation="False" CommandName="Cancel" Text="Cancel" />
</InsertItemTemplate>
<ItemTemplate>
    sid:
    <asp:Label ID="sidLabel" runat="server" Text='<%# Eval("sid") %>' />
    <br />
    sname:
    <asp:Label ID="snameLabel" runat="server" Text='<%# Bind("sname") %>' />
    <br />
    smarks:
    <asp:Label ID="smarksLabel" runat="server" Text='<%# Bind("smarks") %>' />
    <br />
</ItemTemplate>
</asp:FormView>
<asp:SqlDataSource ID="SqlDataSource2" runat="server"
    ConnectionString="Data
Source=.\SQLEXPRESS;AttachDbFilename=|DataDirectory|\Data.mdf;Integrated
Security=True;User Instance=True"
    ProviderName="System.Data.SqlClient" SelectCommand="SELECT * FROM [stud]">
</asp:SqlDataSource>

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

Design ...practical8(b):



Advanced Web Programming With C#

After adding the **controls**, configure the **Data Source property** of these controls in similar manner as explained in **practical 6(a)**

sid	0
sname	abc
smarks	0

SqlDataSource - SqlDataSource1

sid: 0
sname: abc
smarks: 0

SqlDataSource - SqlDataSource2

Output :

← → ↻ ⓘ localhost:1236/data/practical8(b).aspx

Apps For quick access, place your bookmarks here on the bookmarks bar. Import &

sid	1
sname	vivek
smarks	86

sid: 1
sname: vivek
smarks: 86

Advanced Web Programming With C#

Practical No.8(c)

Problem Statement :-Create a web application to display Using Disconnected Data Access and Databinding using **Gridview**

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="true" targetFramework="4.0"/>
  </system.web>
  <connectionStrings>
    <add name="connStr" connectionString="Data
Source=.\SQLEXPRESS;AttachDbFilename=D:\sonu\TYIT\data\App_Data\Data.mdf;Integrated
Security=True;User Instance=True"></add>
  </connectionStrings>
</configuration>
```

Source code :

Practical8(c).aspx :

```
<% @ Page Language="C#" AutoEventWireup="true" CodeFile="practical8(c).aspx.cs"
Inherits="practical8_c_" %>
```

```
<!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:Button ID="Button1" runat="server" onclick="Button1_Click"
        style="margin-bottom: 0px" Text="Show Disconnected Fetched Data"
        Width="210px" />
```

```
    <br />
```

[illegible]

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Practical8(c).aspx.cs :

```
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 practical8_c_ : 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);
        SqlDataAdapter objDa = new SqlDataAdapter();
        DataSet objDas = new DataSet();
        using (SqlConnection objConn = new SqlConnection(connStr))
        {
            SqlCommand objCmd = new SqlCommand("select * from stud", objConn);
            objCmd.CommandType= CommandType.Text;
            objDa.SelectCommand = objCmd;
            objDa.Fill(objDas, "stud");
            GridView1.DataSource = objDas.Tables[0];
            GridView1.DataBind();
        }

    }
}
```

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Designpractical8(c):

show Disconnected Fetched Data		
Column0	Column1	Column2
abc	abc	abc
abc	abc	abc
abc	abc	abc
abc	abc	abc
abc	abc	abc

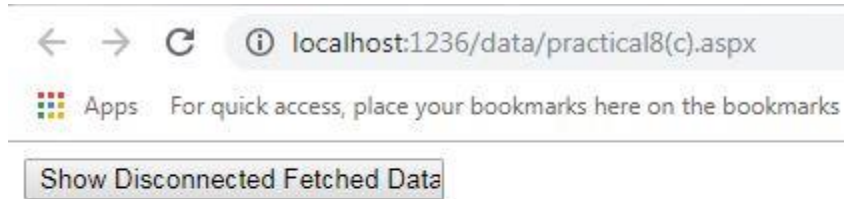
-

Show Disconnected Fetched Data		
sid	sname	smarks
Databound	Databound	Databound
Databound	Databound	Databound
Databound	Databound	Databound
Databound	Databound	Databound
Databound	Databound	Databound
SqlDataSource - SqlDataSource1		

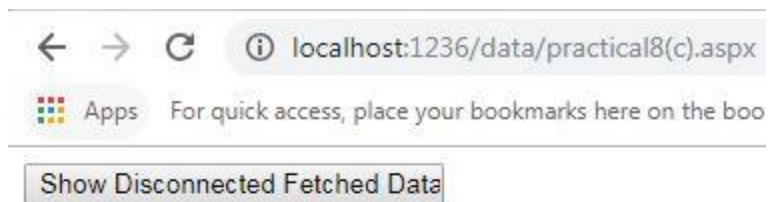
Advanced Web Programming With C#

Output :

1)



2)



sid	sname	smarks
1	vivek	86
2	abishek	75
4	ravi	87
5	sandeep	76
6	deepika	89

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Practical No :9(a)

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

Source code :

9a.aspx

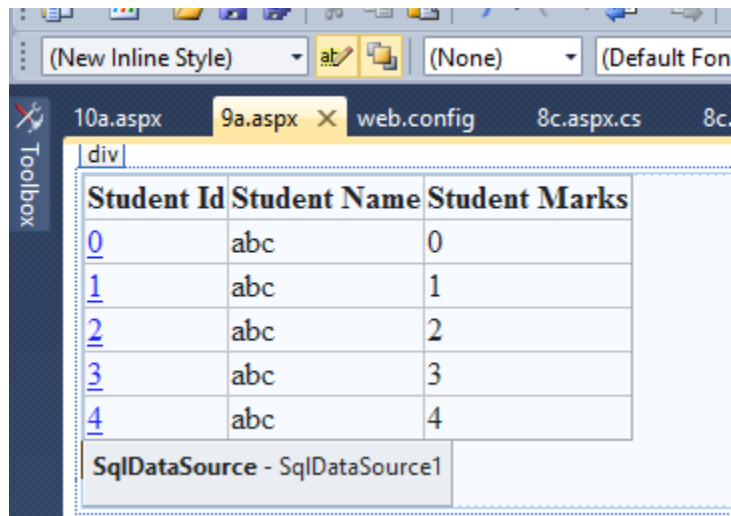
```
<% @PageLanguage="C#" AutoEventWireup="true" CodeFile="9a.aspx.cs" Inherits="_9a"%>

<!DOCTYPEhtmlPUBLIC "-//W3C//DTD XHTML 1.0
Transitional//EN""http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">

<htmlxmlns="http://www.w3.org/1999/xhtml">
<headrunat="server">
<title></title>
</head>
<body>
<formid="form1"runat="server">
<div>
<asp:GridViewID="GridView1"runat="server" AutoGenerateColumns="False"
DataSourceID="SqlDataSource1">
<Columns>
<asp:HyperLinkFieldDataTextField="sid"HeaderText="Student Id"
NavigateUrl="~/7a.aspx"/>
<asp:BoundFieldDataField="sname"HeaderText="Student Name"
SortExpression="sname"/>
<asp:BoundFieldDataField="smarks"HeaderText="Student Marks"
SortExpression="smarks"/>
</Columns>
</asp:GridView>
<asp:SqlDataSourceID="SqlDataSource1"runat="server"
ConnectionString="<%%$ConnectionStrings:ConnectionString%>"
SelectCommand="SELECT * FROM [student]"></asp:SqlDataSource>
</div>
</form>
</body>
</html>
```

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Design....9(a)



Output:

The screenshot shows a web browser displaying the output of the web page. The browser address bar shows 'localhost:1153/dbAwp/9a.aspx'. The page displays a table with the following data:

Student Id	Student Name	Student Marks
1	rahul	193
5	tejashree	234
3	hrushi	432
4	sanket	200
22	sandeep	99

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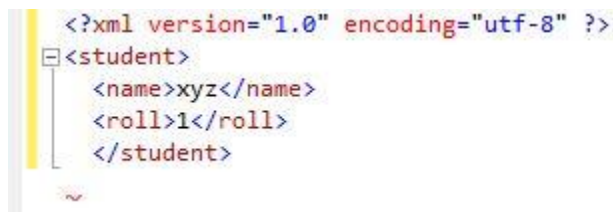
Practical No.10(a)

Problem statements : Create a web application to demonstrate reading and writing operation with XML.

Add -> new Item -> Xml file

Add two xml files to your application

1)XMLfile.xml

A screenshot of a text editor showing XML code. The code is:

```
<?xml version="1.0" encoding="utf-8" ?>
<student>
  <name>xyz</name>
  <roll>1</roll>
</student>
```

2) XMLFile2.xml

Keep this files is empty for writing puropose

Source code :

10(a).aspx

```
<% @PageLanguage="C#" AutoEventWireup="true" CodeFile="10a.aspx.cs" Inherits="_10a"%>
```

```
<!DOCTYPEhtmlPUBLIC "-//W3C//DTD XHTML 1.0
Transitional//EN""http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">
```

```
<htmlxmlns="http://www.w3.org/1999/xhtml">
<headrunat="server">
```

Advanced Web Programming With C#

```
<title></title>
</head>
<body>
<formid="form1"runat="server">
<div>
<asp:ButtonID="Button1"runat="server"Text="Read XML"
onclick="Button1_Click"/>
<br/>
<br/>
<br/>
<asp:LabelID="Label1"runat="server"Text="Label"></asp:Label>
<br/>
<br/>
<br/>
<asp:ButtonID="Button2"runat="server"Text="Write XML"
onclick="Button2_Click"/>
</div>
</form>
</body>
</html>
```

10a.aspx.cs

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

public partial class _10a : System.Web.UI.Page
{
    protected void Page_Load(object sender, EventArgs e)
    {

    }

    protected void Button1_Click(object sender, EventArgs e)
    {
        XmlReader red = XmlReader.Create(@"C:\Users\Admin\Documents\Visual Studio
2010\WebSites\dbAwp\XMLFile.xml");
        while (red.Read())
        {
            if (red.NodeType.Equals(XmlNodeType.Element))
            {
            }
        }
    }
}
```

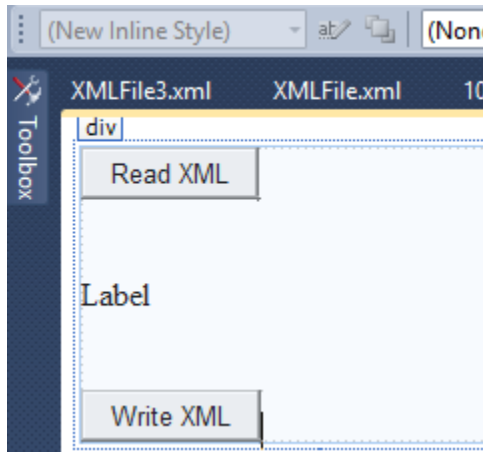
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```
{
string s = Label1.Text + "";
    Label1.Text = s + red.Name;
}
}
red.Close();

}
protectedvoid Button2_Click(object sender, EventArgs e)
{
XmlWriterSettings set = newXmlWriterSettings();
set.Indent = true;
XmlWriter wr = XmlWriter.Create(@"C:\Users\Admin\Documents\Visual Studio
2010\WebSites\dbAwp\XMLFile3.xml", set);
wr.WriteStartDocument();
wr.WriteComment("EXAMPLE OF WRITE A XML DOCUMENT");
wr.WriteStartElement("student");
wr.WriteEndElement();

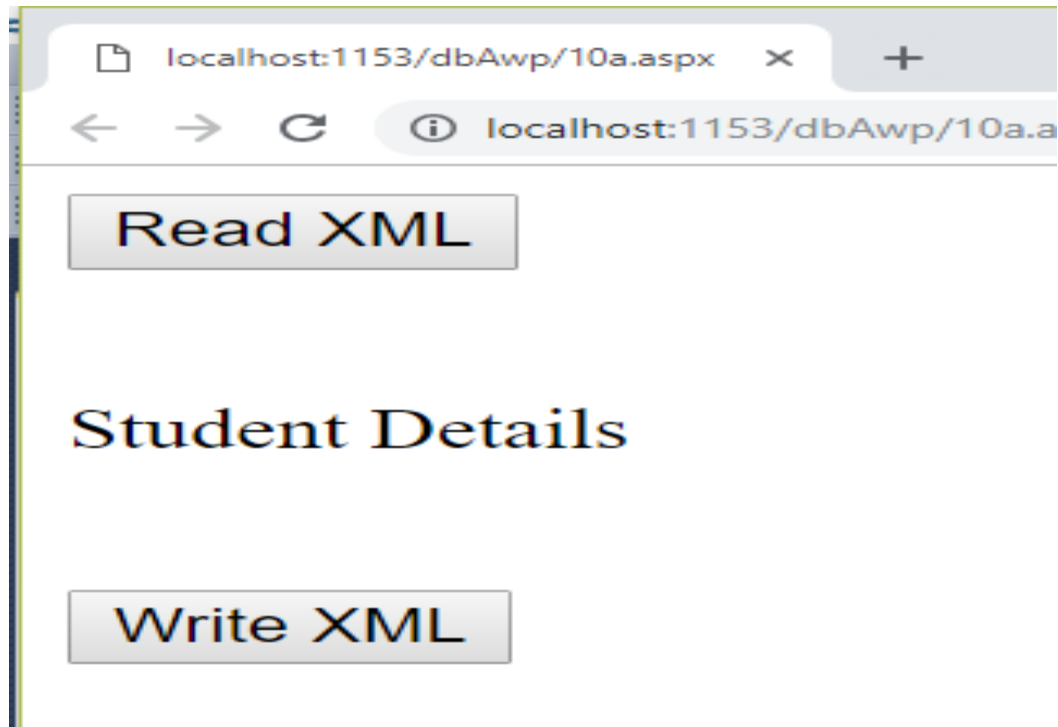
}
}
```

Design...10(a)



Advanced Web Programming With C#

Output:



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Practical no:11

Problem statements : Program to create and use dll file

Source Code :

class1.cs dll:

```
using System;

using System.Collections.Generic;

using System.Linq;

using System.Text;

using System.Threading.Tasks;

namespace ClassLibrary1

{

    public class Class1

    {

        Public int addition(int a , int b)

        {

            int c = a + b;

            return c;

        }

    }

}
```

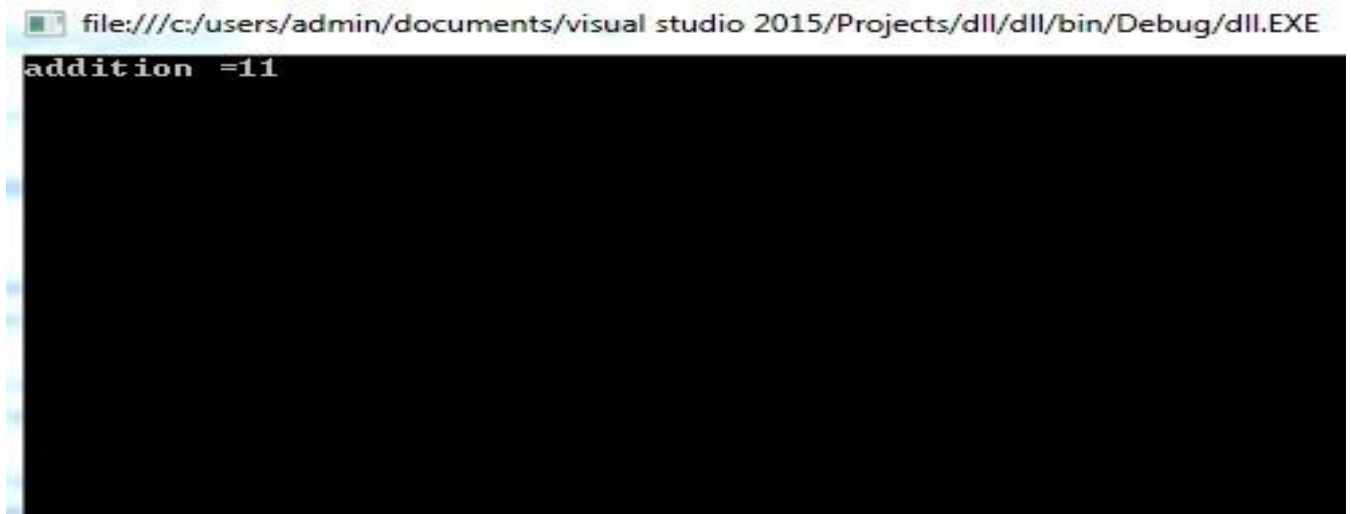

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program.cs:

```
using System;
using System.Collections.Generic;
using System.Linq;
using System.Text;
using System.Threading.Tasks;
namespace dll
{
    class Program
    {
        Static void Main(string[] args)
        {
            ClassLibrary1.Class1 a = new ClassLibrary1.Class1();
            int c = a.addition(5, 6);
            Console.WriteLine("addition =" + c);
            Console.ReadKey();
        }
    }
}
```

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Output :



A screenshot of a Windows command prompt window. The title bar at the top reads "file:///c:/users/admin/documents/visual studio 2015/Projects/dll/dll/bin/Debug/dll.EXE". The command prompt itself has a black background with white text. The first line of output is "addition =11".

```
file:///c:/users/admin/documents/visual studio 2015/Projects/dll/dll/bin/Debug/dll.EXE
addition =11
```