

## Practical 6

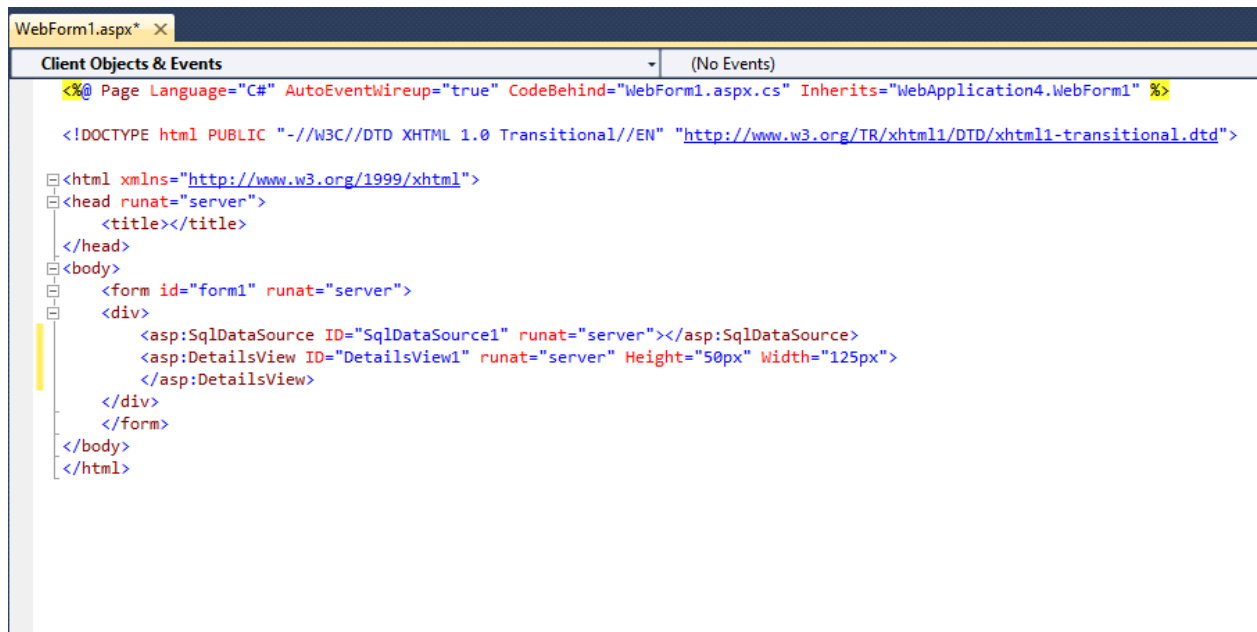
**Aim: Create a web application for inserting and deleting records from a database.**

**Steps to perform:**

- 1) First take the new Empty project
- 2) Then right-click on your project and Add New item Webform.aspx file into your project
- 3) From the toolbox take SqlDataSource and DetailsView from Data-toolbox

**Code:**

WebForm1.aspx

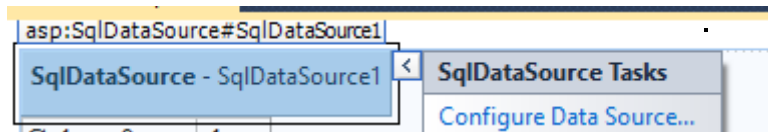


```
WebForm1.aspx* X
Client Objects & Events (No Events)
<%@ Page Language="C#" AutoEventWireup="true" CodeBehind="WebForm1.aspx.cs" Inherits="WebApplication4.WebForm1" %>

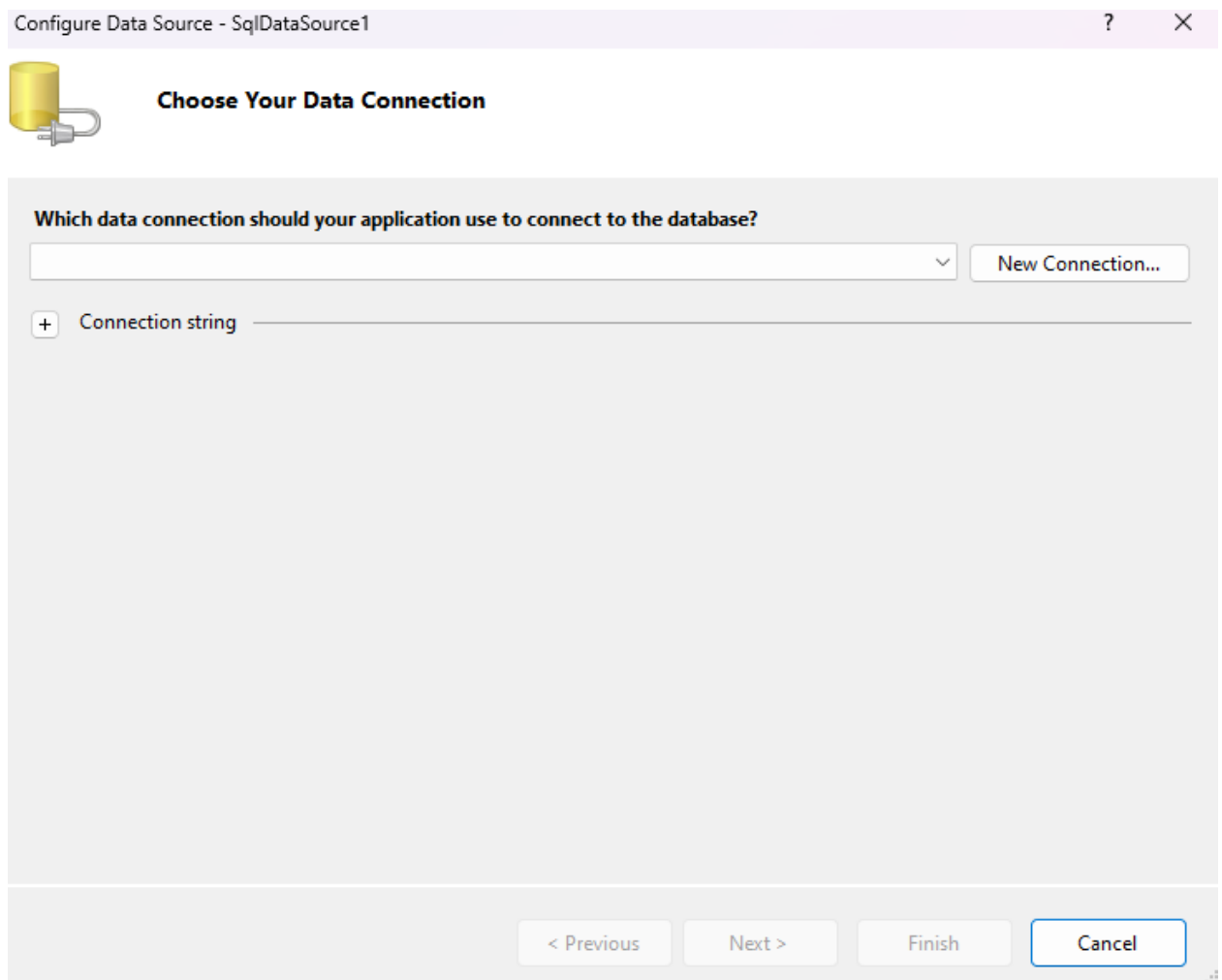
<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN" "http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">

<html xmlns="http://www.w3.org/1999/xhtml">
<head runat="server">
<title></title>
</head>
<body>
<form id="form1" runat="server">
<div>
<asp:SqlDataSource ID="SqlDataSource1" runat="server"></asp:SqlDataSource>
<asp:DetailsView ID="DetailsView1" runat="server" Height="50px" Width="125px">
</asp:DetailsView>
</div>
</form>
</body>
</html>
```

4) Go to the design, click on the arrow and click on Configure Data Source..



5) Click on New Connection.



**6) Select the MYSQL server database file.**

**7) Click on browse.**

Add Connection ? X

Enter information to connect to the selected data source or click "Change" to choose a different data source and/or provider.

Data source:

Microsoft SQL Server Database File (SqlClient) Change...

Database file name (new or existing):

Browse...

Log on to the server

☒ Use Windows Authentication

☐ Use SQL Server Authentication

User name:

Password:

☐ Save my password

Advanced...

Test Connection OK Cancel

**8) Create a new folder and save your file with .mdf extension inside the folder.**

Add Connection ? X

Enter information to connect to the selected data source or click "Change" to choose a different data source and/or provider.

Data source:

Microsoft SQL Server Database File (SqlClient) Change...

Database file name (new or existing):

C:\Users\IT Pc no. 4\Desktop\database\db.mdf Browse...

Log on to the server

☒ Use Windows Authentication

☐ Use SQL Server Authentication

User name:

Password:

☐ Save my password

Advanced...

Test Connection OK Cancel

9) Click on ok and click on yes.

10) Click on next and then click on cancel button.

11) Open Server Explorer and then you will see db.mdf server then expand it.

12) Right click on Tables and add new table.

13) Create your desired columns.

dbo.Table1: Table...\DATABASE\DB.MDF) × WebForm1.aspx*			
	Column Name	Data Type	Allow Nulls
	Name	nchar(10)	<input checked="" type="checkbox"/>
	Class	nchar(10)	<input checked="" type="checkbox"/>
	[Roll no.]	nchar(10)	<input checked="" type="checkbox"/>
▶			<input type="checkbox"/>

14) Save the table.

15) Expand Tables and right click on your created table and right click on Show Table Data.

16) Insert data into the table.

Table1: Query(des...\DATABASE\DB.MDF) × dbo.Table1: Table...\DATA			
	Name	Class	Roll no.
	Shivani	TYBSc IT	22067
	Sharon	TYBSc IT	22013
	Anshi	TYBSc IT	22007
▶*	NULL	NULL	NULL

17) Execute the page by clicking on  below.

18) Repeat step 4 and click on down arrow and select db.mdf.

19) Click Next 3 times and then click on Test Query and click on Finish.

Name : Suraj Vishwakarma

Sem V


Class: TYBSc IT

Roll No.: 22096

Advanced Web Development

Date: 5.10.2024

Configure Data Source - SqlDataSource1

 **Test Query**

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

Name	Class	Roll no.
Shivani	TYBSc IT	22067
Sharon	TYBSc IT	22013
Anshi	TYBSc IT	22007

Test Query

SELECT statement:

SELECT \* FROM [Table1]

< Previous   Next >   Finish   Cancel

20) Click on the marked area.

Column0	abc	>
Column1	abc	
Column2	abc	

21) Click on Choose Data Source and select Sqldatasource1.

22) Check Enable Paging.

Name : Suraj Vishwakarma

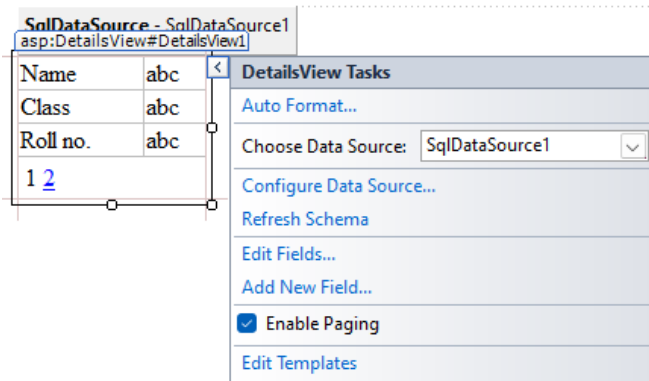
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Roll No.: 22096

Sem V

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23) Run the file.

Output:

Name	Shivani
Class	TYBSc IT
Roll no.	22067
1 2 3	

Name	Sharon
Class	TYBSc IT
Roll no.	22013
1 2 3	

Name	Anshi
Class	TYBSc IT
Roll no.	22007
1 2 3	