

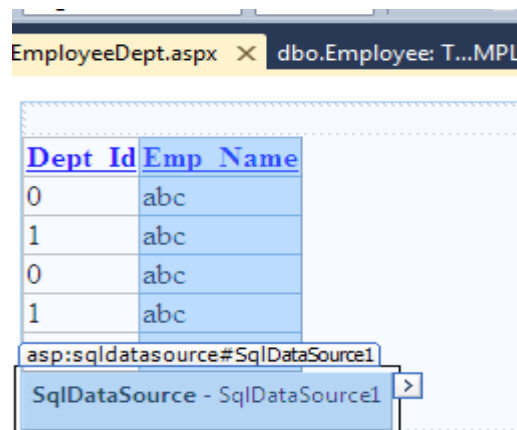
PRACTICAL NO. : 07(1)

AIM: Database programs with ASP.NET and ADO.NET.

Create a Web App to display all the Empname and Deptid of the employee from the database using SQL source control and bind it to GridView . Database fields are(DeptId, DeptName, EmpName, Salary).

Steps:

1. File→new→website→empty website→name it→ok
2. Right click on website made→add new item→sql server database→name it→add→yes
3. Right click on table In server explorer→add new table→add columns→save the table
4. Right click on table made →show table data→add values
5. Right click on website→add new item→webform→name it
6. Go to design view
7. Add a gridview→below that add sqldatasource
8. Configure sqldatasource→then add it to the gridview
9. Go to gridview menu enable sorting

DESIGN:

dbo.Employee: T...MPLOYEEDEPT.MDF) X Login: Query(vsit...TA\USERLOG			
	Column Name	Data Type	Allow Nulls
	Dept_Id	tinyint	<input type="checkbox"/>
	Dept_Name	varchar(30)	<input type="checkbox"/>
	Emp_Name	varchar(30)	<input type="checkbox"/>
▶	Salary	numeric(12, 2)	<input type="checkbox"/>
			<input type="checkbox"/>

ASP.NET WITH C#

Default.aspx Employee: Query(...MPLOYEEDEPT.MDF) × dbo.Employee: T...MPLOYEEDEPT.MDF				
	DeptId	DeptName	EmpName	Salary
	101	BscIT	Prachit	1200.00
	102	BMS	Roman	1200.00
	103	MScIT	Brock	1400.00
	104	BCom	Seth	1100.00
	101	BScIT	Dean	1300.00
*	NULL	NULL	NULL	NULL

OUTPUT:

<u>Deptid</u>	<u>Empname</u>
1	swati
2	natasha
3	thor
4	max
5	mahi

PRACTICAL NO. : 07(2)

AIM: Database programs with ASP.NET and ADO.NET

Create a Login Module which adds Username and Password in the database. Username in the database should be a primary key.

Steps2:

1. File→new→website→empty website→name it→ok
2. Right click on website made→add new item→sql server database→name it→add→yes
3. Right click on table In server explorer→add new table→add columns→save the table
4. Right click on table made →show table data→add values
5. Right click on website→add new item→webform→name it
6. Go to design view→add form for login
7. Add sqldatasource→configure it
8. Write code

DESIGN:

The screenshot shows the Visual Studio Design View for a web application. The top toolbar includes tabs for 'LoginModule.aspx.cs', 'LoginModule.aspx', and 'dbo.Employee: T...MPLOYEEDEPT.MDF'. The main design area contains a login form with the following elements:

- A text box labeled 'UserName'.
- A text box labeled 'Password'.
- A 'SignUp' button.
- A 'SqlDataSource - SqlDataSource1' control.
- A label '[!blResult]'.

Below the design area, a data table is displayed with the following structure:

	UserName	Password
▶	Prachit	12345
*	NULL	NULL

CODE:

LoginModule.aspx

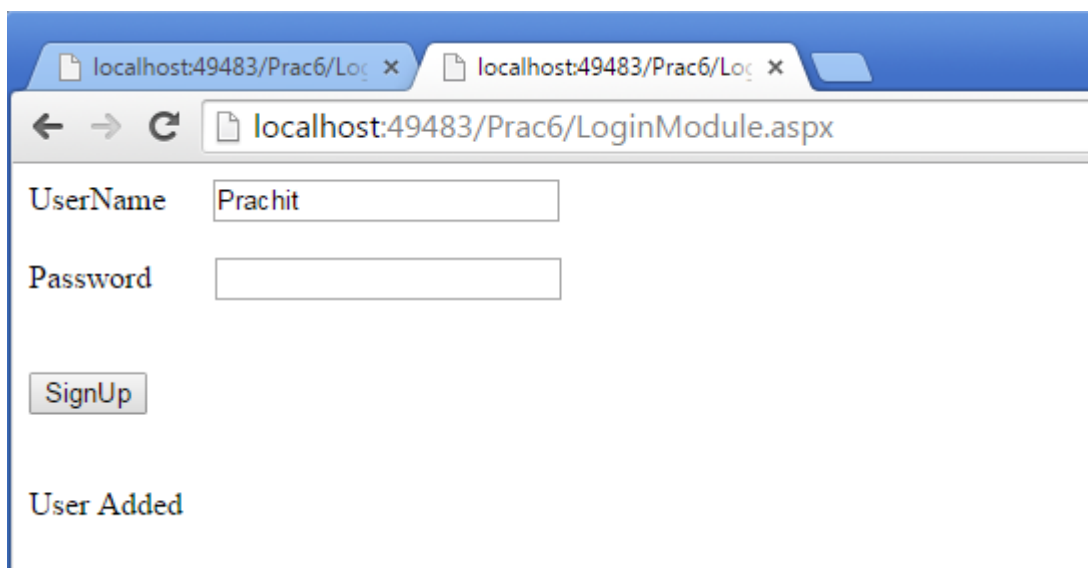
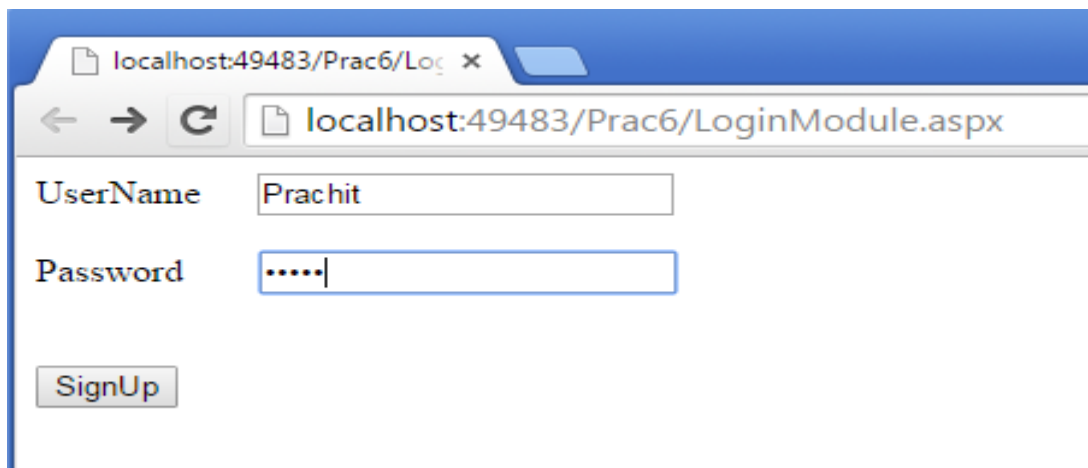
```
using System;
using System.Collections.Generic;
using System.Linq;

using System.Web;
```

ASP.NET WITH C#

```
using System.Web.UI;
using System.Web.UI.WebControls;
public partial class LoginModule : System.Web.UI.Page
{
    protected void Page_Load(object sender, EventArgs e)
    {
    }
    protected void btnSignUp_Click(object sender, EventArgs e)
    {
        SqlDataSource1.InsertParameters["Username"].DefaultValue = txtUserName.Text;
        SqlDataSource1.InsertParameters["Password"].DefaultValue = txtPassword.Text;
        SqlDataSource1.Insert();
        lblResult.Text = "User Added";
    }
}
```

OUTPUT:



PRACTICAL NO. : 07(3)**AIM:** Database programs with ASP.NET and ADO.NET

Create a web application to insert 3 records inside the SQL database table having following fields(DeptId, DeptName, EmpName, Salary). Update the salary for any one employee and increment it to 15% of the present salary. Perform delete operation on 1 row of the database table.

Steps:

9. File→new→website→empty website→name it→ok
10. Right click on website made→add new item→sql server database→name it→add→yes
11. Right click on table In server explorer→add new table→add columns→save the table
12. Right click on table made →show table data→add values
13. Right click on website→add new item→webform→name it
14. Go to design view→add necessary form
15. Add a grid view below the form→below that add sqldatasource
16. Configure sqldatasource→then add it to the gridview
17. Go to grid view menu→add columns→select command field→check on delete and edit→ok
- 10.Double click on button→write code.

DESIGN:

Dept Id	Dept Name	Emp Name	Salary		
0	abc	abc	0	Edit	Delete
1	abc	abc	0.1	Edit	Delete
0	abc	abc	0.2	Edit	Delete
1	abc	abc	0.3	Edit	Delete
0	abc	abc	0.4	Edit	Delete

Dept ID

Dept Name

Emp Name

Salary

asp:label#lblresult

[lblresult]

CODE:

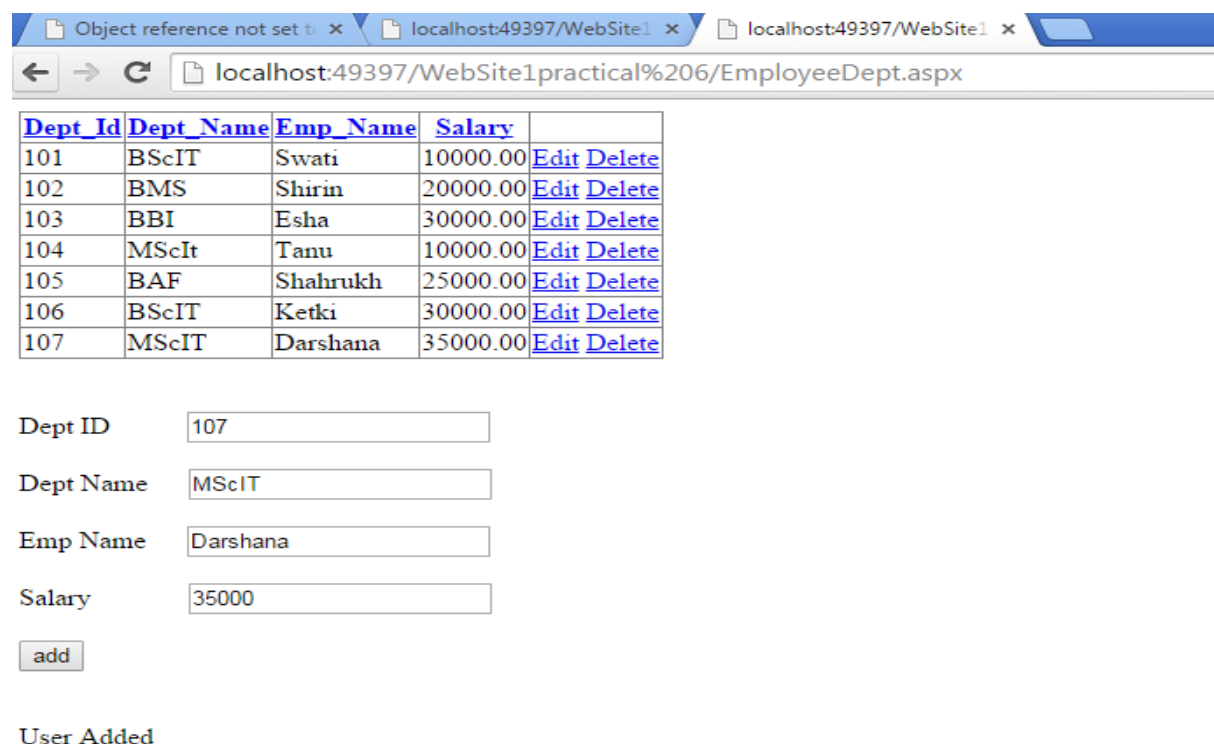
ASP.NET WITH C#

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

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

    protected void btnSignUp_Click(object sender, EventArgs e)
    {
        SqlDataSource1.InsertParameters["Username"].DefaultValue = txtUserName.Text;
        SqlDataSource1.InsertParameters["Password"].DefaultValue = txtPassword.Text;
        SqlDataSource1.Insert();
        Textbox1.Text="";
        Textbox2.Text="";
    }
}
```

OUTPUT:



The screenshot shows a web browser window with the URL `localhost:49397/WebSite1practical%206/EmployeeDept.aspx`. The page displays a table with 7 rows of employee data. Each row has columns for Dept ID, Dept Name, Emp Name, Salary, and two links: Edit and Delete. Below the table is a form with four input fields: Dept ID (107), Dept Name (MScIT), Emp Name (Darshana), and Salary (35000). There is an 'add' button below the form. At the bottom, the text 'User Added' is displayed.

Dept ID	Dept Name	Emp Name	Salary	
101	BScIT	Swati	10000.00	Edit Delete
102	BMS	Shirin	20000.00	Edit Delete
103	BBI	Esha	30000.00	Edit Delete
104	MScIt	Tanu	10000.00	Edit Delete
105	BAF	Shahrukh	25000.00	Edit Delete
106	BScIT	Ketki	30000.00	Edit Delete
107	MScIT	Darshana	35000.00	Edit Delete

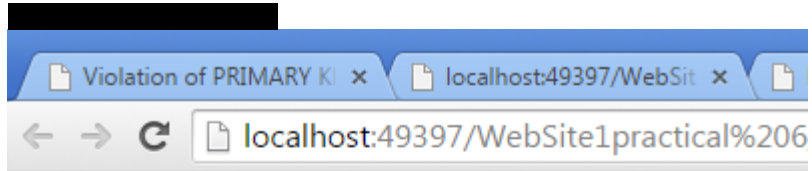
Dept ID

Dept Name

Emp Name

Salary

User Added



<u>Dept_Id</u>	<u>Emp_Name</u>	command
101	Swati	Edit Delete
102	Shirin	Edit Delete
103	Esha	Edit Delete
104	Shiwani	Edit Delete
105	Shahrukh	Edit Delete
106	Ketki	Edit Delete