PRACTICAL NO.06

Write the program for the following:

a. Create a web application for inserting and deleting records from a database. (Disconnected)

Code:

Aspx Code:

```
<%@ Page Language="C#" AutoEventWireup="true" CodeBehind="WebForm1.aspx.cs"
Inherits="DisconnectedDB.WebForm1" %>

<!DOCTYPE html>
<html xmlns="http://www.w3.org/1999/xhtml">
<head runat="server">
   <title></title>
</head>
<body>
   <form id="form1" runat="server">
      <asp:Button ID="Button2" runat="server" OnClick="Button2_Click" style="top: 157px;
left: 144px; position: absolute; height: 29px; width: 68px" Text="Delete" />
      <asp:Label ID="Label1" runat="server" style="top: 204px; left: 26px; position: absolute;
height: 22px; width: 284px"></asp:Label>
      <div style="height: 265px">
         RollNo: <asp:TextBox ID="TextBox1" runat="server"></asp:TextBox>
         <br />
         <br />
         Name:   <asp:TextBox ID="TextBox2" runat="server"></asp:TextBox>
         <br />
         <br />
         Contact:<asp:TextBox ID="TextBox3" runat="server"></asp:TextBox>
         <br />
         <asp:Button ID="Button1" runat="server" OnClick="Button1_Click" style="top: 156px;
left: 42px; position: absolute; height: 29px; width: 68px" Text="Insert" />
      </div>
   </form>
</body>
</html>
```

C# Code:

```
using System;
using System.Data;
using System.Data.SqlClient;
namespace DisconnectedDB
{
   public partial class WebForm1 : System.Web.UI.Page
   {
      SqlConnection con = new SqlConnection(@"Data
Source=(LocalDB)\MSSQLLocalDB;AttachDbFilename=C:\Users\TANMAY\source\repos\Di
sconnectedDB\App_Data\Database1.mdf;Integrated Security=True");
      protected void Page_Load(object sender, EventArgs e)
      {

      }
      protected void Button1_Click(object sender, EventArgs e)
      {
         SqlDataAdapter ad = new SqlDataAdapter("select * from Stud",con);
         SqlCommandBuilder cb = new SqlCommandBuilder(ad);
         cb.GetInsertCommand();
         DataTable dt = new DataTable("stud");
         ad.Fill(dt);
         DataRow dr = dt.NewRow();
         dr["roll"] = Convert.ToInt32(TextBox1.Text);
         dr["name"] = TextBox2.Text;
         dr["contact"] = Convert.ToInt64(TextBox3.Text);
         dt.Rows.Add(dr);
         ad.Update(dt);
         Label1.Text = "Record Inserted Successfully!!";
```

```
    }

    protected void Button2_Click(object sender, EventArgs e)
    {
        SqlDataAdapter ad = new SqlDataAdapter("select * from Stud", con);
        SqlCommandBuilder cb = new SqlCommandBuilder(ad);
        cb.GetDeleteCommand();
        DataTable dt = new DataTable("stud");
        ad.Fill(dt);
        DataRow[] dr = dt.Select("roll = " + Convert.ToInt32(TextBox1.Text));
        dr[0].Delete();
        ad.Update(dt);
        Label1.Text = "Record deleted successfully!";
    }
  }
}
```

Output:

For insert:

RollNo: 3

Name: Shyam

Contact: 9873857911

[Insert] [Delete]

Record Inserted Successfully!!

	roll	name	contact
▷	1	Ram	1234567891
	2	Ramdas	1234554321
	3	Shyam	9873857911

For delete:

RollNo: 2

Name:

Contact:

[Insert] [Delete]

Record deleted successfully!

	roll	name	contact
▷	1	Ram	1234567891
	3	Shyam	9873857911

b. Create a web application to display Using Disconnected Data Access and Databinding using

GridView.
Code:

Aspx Code:

```
<%@ Page Language="C#" AutoEventWireup="true" CodeBehind="WebForm1.aspx.cs"
Inherits="DisconnectedDB.WebForm1" %>

<!DOCTYPE html>

<html xmlns="http://www.w3.org/1999/xhtml">
<head runat="server">
    <title></title>
</head>
<body>
    <form id="form1" runat="server">
        <asp:Button ID="Button2" runat="server" OnClick="Button2_Click" style="top: 157px;
left: 144px; position: absolute; height: 29px; width: 68px" Text="Delete" />
        <asp:Label ID="Label1" runat="server" style="top: 204px; left: 26px; position: absolute;
height: 22px; width: 284px"></asp:Label>
        <div style="height: 454px">
            RollNo:
            <asp:TextBox ID="TextBox1" runat="server"></asp:TextBox>
            <br />
            <br />
            Name:  
            <asp:TextBox ID="TextBox2" runat="server"></asp:TextBox>
            <br />
            <br />
            Contact:<asp:TextBox ID="TextBox3" runat="server"></asp:TextBox>
            <asp:Label ID="Label2" runat="server" style="top: 248px; left: 23px; position:
absolute; height: 22px; width: 45px" Text="Records:"></asp:Label>
            <br />
            <asp:Button ID="Button1" runat="server" OnClick="Button1_Click" style="top: 157px;
left: 42px; position: absolute; height: 29px; width: 68px" Text="Insert" />
            <asp:GridView ID="GridView1" runat="server" style="top: 287px; left: 31px; position:
absolute; height: 152px; width: 232px">
            </asp:GridView>
        </div>
    </form>
</body>
</html>
```

C# Code:

```csharp
using System;
using System.Data;
using System.Data.SqlClient;
namespace DisconnectedDB
{
    public partial class WebForm1 : System.Web.UI.Page
    {
        SqlConnection con = new SqlConnection(@"Data
Source=(LocalDB)\MSSQLLocalDB;AttachDbFilename=C:\Users\TANMAY\source\repos\Di
sconnectedDB\App_Data\Database1.mdf;Integrated Security=True");
        protected void Page_Load(object sender, EventArgs e)
        {
            SqlDataAdapter ad = new SqlDataAdapter("select * from Stud", con);
            DataSet ds = new DataSet();
            ad.Fill(ds);
            GridView1.DataSource = ds;
            GridView1.DataBind();

        }

        protected void Button1_Click(object sender, EventArgs e)
```

```
        {
            SqlDataAdapter ad = new SqlDataAdapter("select * from Stud",con);
            SqlCommandBuilder cb = new SqlCommandBuilder(ad);
            cb.GetInsertCommand();
            DataTable dt = new DataTable("stud");
            ad.Fill(dt);
            DataRow dr = dt.NewRow();
            dr["roll"] = Convert.ToInt32(TextBox1.Text);
            dr["name"] = TextBox2.Text;
            dr["contact"] = Convert.ToInt64(TextBox3.Text);
            dt.Rows.Add(dr);
            ad.Update(dt);
            Label1.Text = "Record Inserted Successfully!!";
            GridView1.DataSource = dt;
            GridView1.DataBind();
        }

        protected void Button2_Click(object sender, EventArgs e)
        {
            SqlDataAdapter ad = new SqlDataAdapter("select * from Stud", con);
            SqlCommandBuilder cb = new SqlCommandBuilder(ad);
            cb.GetDeleteCommand();
            DataTable dt = new DataTable("stud");
            ad.Fill(dt);
            DataRow[] dr = dt.Select("roll = " + Convert.ToInt32(TextBox1.Text));
            dr[0].Delete();
            ad.Update(dt);
            Label1.Text = "Record deleted successfully!";
            GridView1.DataSource = dt;
            GridView1.DataBind();

        }
    }
}
```

Output:

RollNo: 5

Name: Ganesh

Contact: 4165161111

Insert   Delete

Record Inserted Successfully!!

Records:

roll	name	contact
1	Ram	1234567891
2	Laxman	9873857911
3	Shyam	9873857911
4	Ashok	9873857000
5	Ganesh	4165161111

RollNo: 5

Name:

Contact:

Insert   Delete

Record deleted successfully!

Records:

roll	name	contact
1	Ram	1234567891
2	Laxman	9873857911
3	Shyam	9873857911
4	Ashok	9873857000