Practical No. 07

**Working with Database**

**Aim:**

**a. Create a web application to display Data Binding using dropdownlist control.**

**b. Create a web application to display the phone no of an author using a database.**

**c. Create a web application for inserting and deleting records from a database. (Using Execute-Non Query).**

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**Roll No: 64**

**Class: T.Y.BSc.IT**

**Sub: Advanced Web Programming**

**Grade:**

**Sign:**

**Aim:**

1. **Create a web application to display Data Binding using dropdownlist control.**

**Code:**

using System;

using System.Collections.Generic;

using System.Linq;

using System.Web;

using System.Web.UI;

using System.Web.UI.WebControls;

using System.Data.SqlClient;

namespace WebApplication26

{

public partial class WebForm1 : System.Web.UI.Page

{

SqlConnection cn = new SqlConnection(@"Data Source=(LocalDB)\MSSQLLocalDB;AttachDbFilename=|DataDirectory|\projectdb.mdf;Integrated Security=True");

SqlCommand co = new SqlCommand();

SqlDataReader ds;

protected void Page\_Load(object sender, EventArgs e)

{

cn.Open();

co.Connection = cn;

}

protected void Button1\_Click(object sender, EventArgs e)

{

co.CommandText = "select \* from stud;";

ds = co.ExecuteReader();

DropDownList1.DataSource = ds;

DropDownList1.DataTextField = "Name";

DropDownList1.DataBind();

}

protected void DropDownList1\_SelectedIndexChanged(object sender, EventArgs e)

{

TextBox1.Text = DropDownList1.Text;

}

}

}

**Output:**

**Graphical user interface, text, application

Description automatically generated**

**Aim:**

**b. Create a web application to display the phone no of an author using a database.**

**Code:**

using System;

using System.Collections.Generic;

using System.Linq;

using System.Web;

using System.Web.UI;

using System.Web.UI.WebControls;

using System.Data.SqlClient;

namespace WebApplication27

{

public partial class WebForm1 : System.Web.UI.Page

{

SqlConnection cn = new SqlConnection(@"Data Source=(LocalDB)\MSSQLLocalDB;AttachDbFilename=|DataDirectory|\projectdb.mdf;Integrated Security=True");

SqlCommand co = new SqlCommand();

SqlDataReader ds;

protected void Page\_Load(object sender, EventArgs e)

{

cn.Open();

co.Connection = cn;

}

protected void Button1\_Click(object sender, EventArgs e)

{

if (TextBox1.Text != null)

{

co.CommandText = "select contactno from emp where name='" + TextBox1.Text + "';";

Label1.Text = co.ExecuteScalar().ToString();

}

}

}

}

**Output:**

**Graphical user interface, text, application

Description automatically generated**

**Aim:**

1. **Create a web application for inserting and deleting records from a database. (Using Execute-Non Query).**

**Code:**

**using System;**

**using System.Collections.Generic;**

**using System.Linq;**

**using System.Web;**

**using System.Web.UI;**

**using System.Web.UI.WebControls;**

**using System.Data.SqlClient;**

**namespace WebApplication28**

**{**

**public partial class WebForm1 : System.Web.UI.Page**

**{**

**SqlConnection cn = new SqlConnection(@"Data Source=(LocalDB)\MSSQLLocalDB;AttachDbFilename=C:\Users\ankit\source\repos\WebApplication28\WebApplication28\App\_Data\projectdb.mdf;Integrated Security=True");**

**SqlDataReader ds;**

**SqlCommand co = new SqlCommand();**

**SqlParameter @p1, @p2, @p3, @p4;**

**protected void Button3\_Click(object sender, EventArgs e)**

**{**

**co.CommandText = "select \* from [Table];";**

**ds = co.ExecuteReader();**

**GridView1.DataBind();**

**}**

**protected void SqlDataSource1\_Selecting(object sender, SqlDataSourceSelectingEventArgs e)**

**{**

**}**

**protected void Button2\_Click(object sender, EventArgs e)**

**{**

**co.CommandText = "delete from [Table] where sno='" + TextBox1.Text + "';";**

**co.ExecuteNonQuery();**

**}**

**protected void Button1\_Click(object sender, EventArgs e)**

**{**

**@p1 = new SqlParameter();**

**@p1.ParameterName = "sno";**

**@p1.SqlDbType = System.Data.SqlDbType.Int;**

**@p2 = new SqlParameter();**

**@p2.ParameterName = "name";**

**@p2.SqlDbType = System.Data.SqlDbType.VarChar;**

**@p3 = new SqlParameter();**

**@p3.ParameterName = "city";**

**@p3.SqlDbType = System.Data.SqlDbType.VarChar;**

**@p4 = new SqlParameter();**

**@p4.ParameterName = "class";**

**@p4.SqlDbType = System.Data.SqlDbType.VarChar;**

**co.Parameters.AddWithValue("@p1", TextBox1.Text);**

**co.Parameters.AddWithValue("@p2", TextBox2.Text);**

**co.Parameters.AddWithValue("@p3", TextBox3.Text);**

**co.Parameters.AddWithValue("@p4", TextBox4.Text);**

**co.CommandText = "Insert into [Table] (sno,name,city,class) values(@p1,@p2,@p3,@p4)";**

**co.ExecuteNonQuery();**

**}**

**protected void Page\_Load(object sender, EventArgs e)**

**{**

**cn.Open();**

**co.Connection = cn;**

**}**

**}**

**}**

**Output:**

**Graphical user interface

Description automatically generated with medium confidence**