Practical No. 06

**Working with Database**

**Aim:**

1. Create a web application bind data in a multiline textbox by querying in another textbox.
2. Create a web application to display records by using a database.
3. Demonstrate the use of Datalist link control.

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Sub: Advanced Web Programming

Grade:

Sign:

**Aim: a) Create a web application bind data in a multiline textbox by querying in another textbox.**

**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 WebApplication23

{

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

{

SqlConnection cn = new SqlConnection(@"Data Source=(LocalDB)\MSSQLLocalDB;AttachDbFilename=|DataDirectory|\Database1.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 emp where name='" + TextBox1.Text + "';";

ds = co.ExecuteReader();

while (ds.Read())

{

TextBox2.Text += ds[0].ToString() + "\t" + ds[1].ToString() + "\t" + ds[2].ToString() + "\n";

}

}

}

}

**Output:**

**Graphical user interface, application

Description automatically generated**

**Aim: b) Create a web application to display records by 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 practical6b

{

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

{

SqlConnection cn = new SqlConnection("Data Source=(LocalDB)\MSSQLLocalDB;AttachDbFilename=|DataDirectory|\Database1.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 Name from stud where Rollno ='" + TextBox1.Text + "';"; Label1.Text = co.ExecuteScalar().ToString();

}

}

}

**Output:**

**Graphical user interface, text, application

Description automatically generated**

**Aim: c) Demonstrate the use of Datalist link control. Code:Graphical user interface, text

Description automatically generated**

**Output:**

**Graphical user interface, text, application

Description automatically generated**