

PRACTICAL NO.7

A. AIM: Create a web application to display Databinding using dropdownlist control.

CODE:

Mysql Query:

```
CREATE TABLE Students (  
    StudentID INT NOT NULL,  
    FirstName VARCHAR (200) NULL,  
    LastName VARCHAR (200) NULL,  
    Email VARCHAR (100) NULL  
);
```

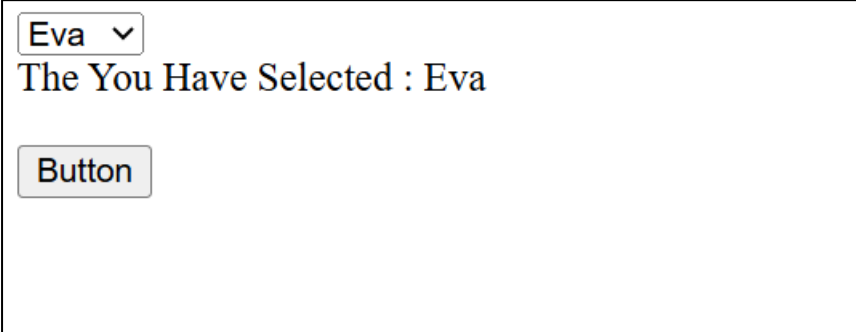
```
using System;  
using System.Collections.Generic;  
using System.Configuration;  
using System.Data.SqlClient;  
using System.Linq;  
using System.Web;  
using System.Web.UI;  
using System.Web.UI.WebControls;  
namespace pra7a  
{  
    public partial class WebForm1 : System.Web.UI.Page  
    {  
        protected void Page_Load(object sender, EventArgs e)  
        {  
            if (IsPostBack == false)  
            {  
                string connStr =  
                    ConfigurationManager.ConnectionStrings["ConnectionString"].ConnectionString;  
                SqlConnection con = new SqlConnection(connStr);  
                SqlCommand cmd = new SqlCommand("Select Distinct FirstName from students",  
con);  
                con.Open();  
                SqlDataReader reader = cmd.ExecuteReader();  
                DropDownList1.DataSource = reader;  
                DropDownList1.DataTextField = "FirstName";  
                DropDownList1.DataBind();  
                reader.Close();  
                con.Close();  
            }  
        }  
  
        protected void Button1_Click(object sender, EventArgs e)  
        {  
            Label1.Text = "The You Have Selected : " + DropDownList1.SelectedValue;  
        }  
    }  
}
```

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SOURCE CODE:

```
<%@ Page Language="C#" AutoEventWireup="true" CodeBehind="WebForm1.aspx.cs"
Inherits="pra7a.WebForm1" %>
<!DOCTYPE html>
<html xmlns="http://www.w3.org/1999/xhtml">
<head runat="server">
    <title></title>
</head>
<body>
    <form id="form1" runat="server">
        <asp:DropDownList ID="DropDownList1" runat="server">
        </asp:DropDownList>
        <br />
        <div style="height: 151px">
            <asp:Label ID="Label1" runat="server" Text=" "></asp:Label>
            <br />
            <br />
            <asp:Button ID="Button1" runat="server" OnClick="Button1_Click" Text="Button"
        />
        </div>
    </form>
</body>
</html>
```

OUTPUT:



The screenshot displays the rendered web form within a rectangular border. At the top left, there is a dropdown menu with the text 'Eva' and a downward arrow. Below this, the text 'The You Have Selected : Eva' is displayed in a black serif font. At the bottom left, there is a rectangular button with the text 'Button' in a bold, black, sans-serif font.

PRACTICAL NO.7

B. AIM: Create a web application for to display the phone no of an author using database.

Mysql Query:

```
CREATE TABLE Customers (
    CustomerID INT NOT NULL,
    PostalCode VARCHAR (10) NULL,
    FirstName VARCHAR (50) NULL,
    LastName VARCHAR (50) NULL,
    City VARCHAR (50) NULL,
    PRIMARY KEY CLUSTERED (CustomerID)
);
```

CODE:

```
using System;
using System.Collections.Generic;
using System.Configuration;
using System.Data.SqlClient;
using System.Linq;
using System.Web;
using System.Web.UI;
using System.Web.UI.WebControls;
namespace pra7b
{
    public partial class WebForm1 : System.Web.UI.Page
    {
        protected void Page_Load(object sender, EventArgs e)
        {
            if (IsPostBack == false)
            {
                string connStr =
                    ConfigurationManager.ConnectionStrings["ConnectionString"].ConnectionString;
                SqlConnection con = new SqlConnection(connStr);
                SqlCommand cmd = new SqlCommand("Select Distinct * from Customers", con);
                con.Open();
                SqlDataReader reader = cmd.ExecuteReader();
                ListBox1.DataSource = reader;
                ListBox1.DataTextField = "City";
                ListBox1.DataValueField = "POSTALCODE";
                ListBox1.DataBind();
                reader.Close();
                con.Close();
            }
        }
        protected void Button1_Click(object sender, EventArgs e)
        {
            Label1.Text = ListBox1.SelectedValue;
        }
    }
}
```

PRACTICAL NO.7

SOURCE CODE:

```
<%@ Page Language="C#" AutoEventWireup="true" CodeBehind="WebForm1.aspx.cs"
Inherits="pra7b.WebForm1" %>
```

```
<!DOCTYPE html>
```

```
<html xmlns="http://www.w3.org/1999/xhtml">
```

```
<head runat="server">
```

```
<title></title>
```

```
</head>
```

```
<body>
```

```
<form id="form1" runat="server">
```

```
<div>
```

```
<asp:ListBox ID="ListBox1" runat="server"></asp:ListBox>
```

```
<br />
```

```
<asp:Button ID="Button1" runat="server" OnClick="Button1_Click" Text="Get
Your Postal Code" />
```

```
<br />
```

```
<asp:Label ID="Label1" runat="server" Text=" "></asp:Label>
```


```
</div>
```

```
</form>
```

```
</body>
```

```
</html>
```

OUTPUT:



The screenshot displays a web form within a rectangular border. At the top left is a list box containing four items: "New Delhi", "Mumbai", "Kolkata", and "Chennai". The "Mumbai" item is currently selected and highlighted. To the right of the list box is a vertical scrollbar. Below the list box is a rectangular button with the text "Get Your Postal Code". Directly beneath the button, the text "400001" is displayed in a larger font size.

PRACTICAL NO.7

C. AIM: Create a web application for inserting and deleting record from a database. (Using Execute-Non Query).

CODE:

```
using System;
using System.Collections.Generic;
using System.Configuration;
using System.Data.SqlClient;
using System.Linq;
using System.Web;
using System.Web.UI;
using System.Web.UI.WebControls;

namespace pra7c
{
    public partial class WebForm1 : System.Web.UI.Page
    {
        protected void Page_Load(object sender, EventArgs e)
        {
        }
        protected void Button1_Click(object sender, EventArgs e)
        {
            string connStr =
ConfigurationManager.ConnectionStrings["connStr"].ConnectionString;
            SqlConnection con = new SqlConnection(connStr);
            string InsertQuery = "insert into BRANCH values(@ADDRESS, @CITY, @NAME,
@STATE,@ZIP_CODE)";
            SqlCommand cmd = new SqlCommand(InsertQuery, con);
            cmd.Parameters.AddWithValue("@ADDRESS", TextBox1.Text);
            cmd.Parameters.AddWithValue("@CITY", TextBox2.Text);
            cmd.Parameters.AddWithValue("@NAME", TextBox3.Text);
            cmd.Parameters.AddWithValue("@STATE", TextBox4.Text);
            cmd.Parameters.AddWithValue("@ZIP_CODE", TextBox5.Text);
            con.Open();
            cmd.ExecuteNonQuery();
            Label1.Text = "Record Inserted Successfully.";
            con.Close();
        }
        protected void Button2_Click(object sender, EventArgs e)
        {
            string connStr =
ConfigurationManager.ConnectionStrings["connStr"].ConnectionString;
            SqlConnection con = new SqlConnection(connStr);
            string InsertQuery = "delete from branch where NAME=@NAME";
            SqlCommand cmd = new SqlCommand(InsertQuery, con);
            cmd.Parameters.AddWithValue("@NAME", TextBox1.Text);
            con.Open();
            cmd.ExecuteNonQuery();
            Label1.Text = "Record Deleted Successfully.";
            con.Close();
        }
    }
}
```

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```
<%@ Page Language="C#" AutoEventWireup="true" CodeBehind="WebForm1.aspx.cs"
Inherits="pra7c.WebForm1" %>
```

[illegible]

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</html>

OUTPUT:

Bank Address	<input type="text" value="thane"/>
Bank City	<input type="text" value="Thane"/>
Bank Branch Name	<input type="text" value="Dget Bank"/>
State	<input type="text" value="Maharashtra"/>
Zipcode	<input type="text" value="400610"/>
<input type="button" value="Insert"/>	<input type="button" value="Delete"/>

Record Inserted Successfully.

Bank Address	<input type="text" value="thane"/>
Bank City	<input type="text" value="Thane"/>
Bank Branch Name	<input type="text" value="Dget Bank"/>
State	<input type="text" value="Maharashtra"/>
Zipcode	<input type="text" value="400610"/>
<input type="button" value="Insert"/>	<input type="button" value="Delete"/>