

PRACTICAL NO.6

- A. AIM: Create a web application bind data in a multiline textbox by querying in another textbox..**

Mysql Query:

```
CREATE TABLE student (  
    name VARCHAR (50) NULL,  
    rollNo VARCHAR (50) NULL,  
    city VARCHAR (50) NULL  
);
```

CODE:

```
using System;  
using System.Collections.Generic;  
using System.Configuration;  
using System.Data.SqlClient;  
using System.Data;  
using System.Linq;  
using System.Web;  
using System.Web.UI;  
using System.Web.UI.WebControls;  
namespace pra6a  
{  
    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["mysqlConnectionString"].ConnectionString;  
            SqlConnection con = new SqlConnection(connStr);  
            con.Open();  
            SqlCommand cmd = new SqlCommand(textBox1.Text, con);  
            SqlDataReader reader = cmd.ExecuteReader();  
            listBox1.Items.Clear();  
            while (reader.Read())  
            {  
                //To add new blank line in the text area  
                for (int i = 0; i < reader.FieldCount; i++)  
                {  
                    listBox1.Items.Add(reader[i].ToString());  
                }  
            }  
            reader.Close();  
            con.Close();  
        }  
    }  
}
```

SOURCE CODE:

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```
<%@ Page Language="C#" AutoEventWireup="true" CodeBehind="WebForm1.aspx.cs"
Inherits="pra6a.WebForm1" %>
```

```
<!DOCTYPE html>
```

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

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

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

```
</head>
```

```
<body>
```

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

```
<div style="height: 460px">
```

```
<br />
```

```
<br />
```

```
<br />
```

```
<asp:TextBox ID="TextBox1" runat="server" Height="48px"
Width="229px"></asp:TextBox>
```

```
<br />
```

```
<asp:ListBox ID="ListBox1" runat="server" DataSourceID="SqlDataSource1"
DataTextField="name" DataValueField="name" Height="162px"
Width="276px"></asp:ListBox>
```

```
<asp:SqlDataSource ID="SqlDataSource1" runat="server" ConnectionString="<%"$
ConnectionStrings:mysqlConnectionString %>" ProviderName="<%"$
ConnectionStrings:mysqlConnectionString.ProviderName %>" ></asp:SqlDataSource>
```

```
<br />
```

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

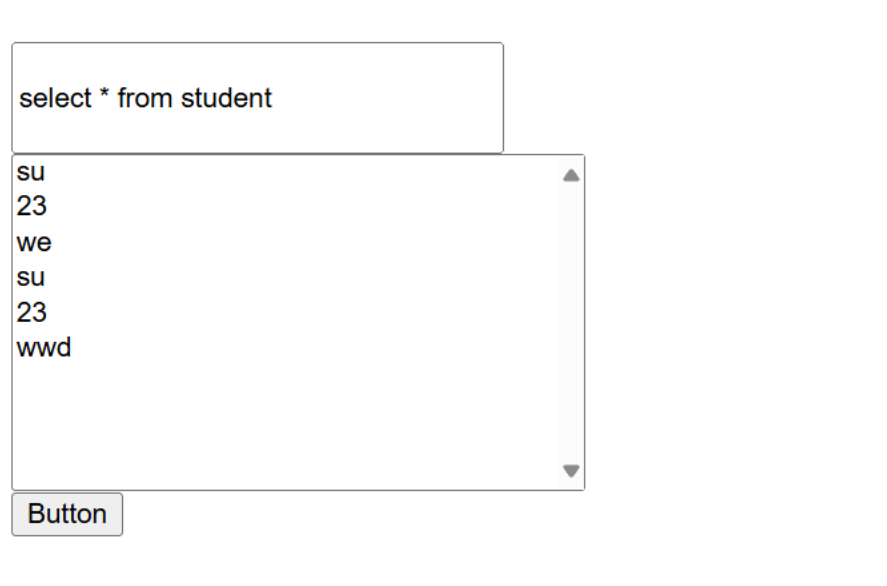
```
</div>
```

```
</form>
```

```
</body>
```

```
</html>
```

OUTPUT:



The screenshot displays a web form within a rectangular border. At the top, there is a text input field containing the SQL query "select * from student". Below this field is a list box that displays the results of the query: "su", "23", "we", "su", "23", and "wwd". The list box has a vertical scrollbar on its right side. At the bottom of the form, there is a button labeled "Button".

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B. AIM: Create a web application to display records by using database.

Mysql Query:

```
CREATE TABLE students (  
    name VARCHAR (50) NOT NULL,  
    City VARCHAR (50) NULL,  
    num VARCHAR (50) NULL,  
    PRIMARY KEY ( name)  
);
```

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 pra6b  
{  
    public partial class WebForm1 : System.Web.UI.Page  
    {  
        protected void Page_Load(object sender, EventArgs e)  
        {  
        }  
  
        protected void Button1_Click(object sender, EventArgs e)  
        {  
            SqlConnection con = new SqlConnection("Data  
Source=(LocalDB)\\MSSQLLocalDB;AttachDbFilename=C:\\Users\\Vishwakarma\\source\\  
repos\\pra6b\\pra6b\\App_Data\\Database1.mdf;Integrated Security=True");  
            SqlCommand cmd = new SqlCommand("Select City,name from students", con);  
            con.Open();  
            SqlDataReader reader = cmd.ExecuteReader();  
            while (reader.Read())  
            {  
                Label1.Text += reader["name"].ToString() + " " + reader["City"].ToString() +  
                "<br>";  
            }  
            reader.Close();  
            con.Close();  
        }  
    }  
}
```

SOURCE CODE:

```
<%@ Page Language="C#" AutoEventWireup="true" CodeBehind="WebForm1.aspx.cs"  
Inherits="pra6b.WebForm1" %>
```

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```
<!DOCTYPE html>

<html xmlns="http://www.w3.org/1999/xhtml">
<head runat="server">
  <title></title>
</head>
<body>
  <form id="form1" runat="server">
    <div style="height: 217px">
      <h1>Students Details:</h1><br />
      <h5><asp:Label ID="Label1" runat="server" Text=" "></asp:Label></h5><br />
      <asp:Button ID="Button1" runat="server" OnClick="Button1_Click" Text="Click
Here For Details" />
    </div>
  </form>
</body>
</html>
```

OUTPUT:

Students Details:

[Click Here For Details](#)

Students Details:

Priyanshu Thane
Rani Diva
Ritesh Thane
sandeep Thane
Sandeep Vishwakarma Thane
Suraj kalwa
yash Thane

[Click Here For Details](#)

PRACTICAL NO.6

C. AIM: Demonstrate the use of Datalist link control.

Mysql Query:

```
CREATE TABLE students (  
    name VARCHAR (50) NOT NULL,  
    City VARCHAR (50) NULL,  
    num VARCHAR (50) NULL,  
    PRIMARY KEY ( name)  
);
```

SOURCE CODE:

```
<%@ Page Language="C#" AutoEventWireup="true" CodeBehind="WebForm1.aspx.cs"  
Inherits="pra6c.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:DataList ID="DataList1" runat="server" DataSourceID="SqlDataSource1">  
                <ItemTemplate>  
                    StudentID:  
                    <asp:Label ID="StudentIDLabel" runat="server" Text="<%# Eval("StudentID")  
%>' />  
                    <br />  
                    FirstName:  
                    <asp:Label ID="FirstNameLabel" runat="server" Text="<%# Eval("FirstName")  
%>' />  
                    <br />  
                    LastName:  
                    <asp:Label ID="LastNameLabel" runat="server" Text="<%# Eval("LastName")  
%>' />  
                    <br />  
                    Email:  
                    <asp:Label ID="EmailLabel" runat="server" Text="<%# Eval("Email") %>' />  
                    <br />  
                </ItemTemplate>  
            </asp:DataList>  
            <asp:SqlDataSource ID="SqlDataSource1" runat="server" ConnectionString="<%%$  
ConnectionStrings:ConnectionString %>" ProviderName="<%%$  
ConnectionStrings:ConnectionString.ProviderName %>" SelectCommand="SELECT *  
FROM [Students]"></asp:SqlDataSource>
```

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```
</div>  
</form>  
</body>  
</html>
```

OUTPUT:

StudentID: 1
FirstName: John
LastName: Doe
Email: john.doe@example.com

StudentID: 2
FirstName: Alice
LastName: Smith
Email: alice.smith@example.com

StudentID: 3
FirstName: Bob
LastName: Johnson
Email: bob.johnson@example.com

StudentID: 4
FirstName: Eva
LastName: Lee
Email: eva.lee@example.com