

PRACTICAL NO.9

A. AIM: Create a web application to demonstrate use of GridView control template and GridView hyperlink

Mysql Query:

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

SOURCE CODE:

WebForm1.aspx

```
<%@ Page Language="C#" AutoEventWireup="true" CodeBehind="WebForm1.aspx.cs"  
Inherits="pra9a.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:GridView ID="GridView1" runat="server" AutoGenerateColumns="False"  
DataKeyNames="name" DataSourceID="SqlDataSource1">  
                <Columns>  
                    <asp:BoundField DataField="name" HeaderText="name" ReadOnly="True"  
SortExpression="name" />  
                    <asp:BoundField DataField="City" HeaderText="City" SortExpression="City"  
/>  
                    <asp:BoundField DataField="num" HeaderText="num" SortExpression="num"  
/>  
                    <asp:HyperLinkField DataNavigateUrlFields="name"  
DataNavigateUrlFormatString="~/WebForm2.aspx?name={0}" DataTextField="name"  
DataTextFormatString="{0}" HeaderText="Class" NavigateUrl="~/WebForm2.aspx" />  
                </Columns>  
                <EmptyDataTemplate>  
                    No Data Found  
                </EmptyDataTemplate>  
            </asp:GridView>  
            <asp:SqlDataSource ID="SqlDataSource1" runat="server" ConnectionString="<%= $  
ConnectionStrings:C:\USERS\VISHWAKARMA\SOURCE\REPOS\PRA6B\PRA6B\APP_  
DATA\DATABASE1.MDFConnectionString %>" ProviderName="<%= $  
ConnectionStrings:C:\USERS\VISHWAKARMA\SOURCE\REPOS\PRA6B\PRA6B\APP_  
DATA\DATABASE1.MDFConnectionString.ProviderName %>"  
SelectCommand="SELECT * FROM [students]"></asp:SqlDataSource>  
        </div>  
    </form>  
</body>  
</html>
```

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WebForm2.aspx

```
<%@ Page Language="C#" AutoEventWireup="true" CodeBehind="WebForm2.aspx.cs"
Inherits="pra9a.WebForm2" %>

<!DOCTYPE html>

<html xmlns="http://www.w3.org/1999/xhtml">
<head runat="server">
    <title></title>
</head>
<body>
    <form id="form1" runat="server">
        <div>
            <asp:GridView ID="GridView1" runat="server" AutoGenerateColumns="False"
DataKeyNames="name" DataSourceID="SqlDataSource1">
                <Columns>
                    <asp:BoundField DataField="name" HeaderText="name" ReadOnly="True"
SortExpression="name" />
                    <asp:BoundField DataField="City" HeaderText="City" SortExpression="City"
/>
                    <asp:BoundField DataField="num" HeaderText="num" SortExpression="num"
/>
                </Columns>
            </asp:GridView>
            <asp:SqlDataSource ID="SqlDataSource1" runat="server" ConnectionString="<%"$
ConnectionStrings:C:\USERS\VISHWAKARMA\SOURCE\REPOS\PRA6B\PRA6B\APP_
DATA\DATABASE1.MDFConnectionString %>" SelectCommand="SELECT * FROM
[students] WHERE ([name] = @name)">
                <SelectParameters>
                    <asp:QueryStringParameter Name="name" QueryStringField="name"
Type="String" />
                </SelectParameters>
            </asp:SqlDataSource>
        </div>
    </form>
</body>
</html>
```

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OUTPUT:

name	City	num	Class
Priyanshu	Thane	90988	Priyanshu
Rani	Diva	277932	Rani
Ritesh	Thane	34890	Ritesh
sandeep	Thane	9087654	sandeep
Sandeep Vishwakarma	Thane	50	Sandeep Vishwakarma
Suraj	kalwa	9083644	Suraj
yash	Thane	38479	yash

name	City	num
Sandeep Vishwakarma	Thane	50

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B. AIM: Create a web application to demonstrate use of GridView button column and GridView events.

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.Linq;  
using System.Web;  
using System.Web.UI;  
using System.Web.UI.WebControls;  
namespace pra9b  
{  
    public partial class WebForm1 : System.Web.UI.Page  
    {  
        protected void Page_Load(object sender, EventArgs e)  
        {  
        }  
        protected void GridView1_SelectedIndexChanged(object sender, EventArgs e)  
        {  
        }  
        protected void GridView1_RowCommand(object sender,  
GridViewCommandEventArgs e)  
        {  
            if (e.CommandName == "Show" )  
            {  
                Response.Write(e.CommandName);  
                GridView1.Rows[Convert.ToInt16(e.CommandArgument)].BackColor=System.Drawing.Col  
or.Blue;  
            }  
        }  
    }  
}
```

SOURCE CODE:

```
<%@ Page Language="C#" AutoEventWireup="true" CodeBehind="WebForm1.aspx.cs"  
Inherits="pra9b.WebForm1" %>  
<!DOCTYPE html>  
<html xmlns="http://www.w3.org/1999/xhtml">  
<head runat="server">  
    <title></title>  
</head>  
<body>
```

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```
<form id="form1" runat="server">
  <div>
    <asp:GridView ID="GridView1" runat="server" AutoGenerateColumns="False"
      CellPadding="4" DataKeyNames="name" DataSourceID="SqlDataSource1"
      ForeColor="#333333" GridLines="None" OnRowCommand="GridView1_RowCommand"
      OnSelectedIndexChanged="GridView1_SelectedIndexChanged">
      <AlternatingRowStyle BackColor="White" />
      <Columns>
        <asp:BoundField DataField="name" HeaderText="Name" ReadOnly="True"
          SortExpression="name" />
        <asp:BoundField DataField="City" HeaderText="City" SortExpression="City"
          />
        <asp:BoundField DataField="num" HeaderText="Salary"
          SortExpression="num" />
        <asp:ButtonField CommandName="Show" Text="Employee Salary" />
      </Columns>
      <EditRowStyle BackColor="#2461BF" />
      <FooterStyle BackColor="#507CD1" Font-Bold="True" ForeColor="White" />
      <HeaderStyle BackColor="#507CD1" Font-Bold="True" ForeColor="White" />
      <PagerStyle BackColor="#2461BF" ForeColor="White"
        HorizontalAlign="Center" />
      <RowStyle BackColor="#EFF3FB" />
      <SelectedRowStyle BackColor="#D1DDF1" Font-Bold="True"
        ForeColor="#333333" />
      <SortedAscendingCellStyle BackColor="#F5F7FB" />
      <SortedAscendingHeaderStyle BackColor="#6D95E1" />
      <SortedDescendingCellStyle BackColor="#E9EBEF" />
      <SortedDescendingHeaderStyle BackColor="#4870BE" />
    </asp:GridView>
    <asp:SqlDataSource ID="SqlDataSource1" runat="server" ConnectionString="<%%$
      ConnectionStrings:C:\USERS\VISHWAKARMA\SOURCE\REPOS\PRA6B\PRA6B\APP_
      DATA\DATABASE1.MDFConnectionString %>" ProviderName="<%%$
      ConnectionStrings:C:\USERS\VISHWAKARMA\SOURCE\REPOS\PRA6B\PRA6B\APP_
      DATA\DATABASE1.MDFConnectionString.ProviderName %>"
      SelectCommand="SELECT * FROM [students]"></asp:SqlDataSource>
  </div>
</form>
</body>
</html>
```

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OUTPUT:

Name	City	Salary	
Priyanshu	Thane	90988	<u>Employee Salary.</u>
Rani	Diva	277932	<u>Employee Salary.</u>
Ritesh	Thane	34890	<u>Employee Salary.</u>
sandeep	Thane	9087654	<u>Employee Salary.</u>
Sandeep Vishwakarma	Thane	50	<u>Employee Salary.</u>
Suraj	kalwa	9083644	<u>Employee Salary.</u>
yash	Thane	38479	<u>Employee Salary.</u>

Show

Name	City	Salary	
Priyanshu	Thane	90988	<u>Employee Salary.</u>
Rani	Diva	277932	<u>Employee Salary.</u>
Ritesh	Thane	34890	<u>Employee Salary.</u>
sandeep	Thane	9087654	<u>Employee Salary.</u>
Sandeep Vishwakarma	Thane	50	<u>Employee Salary.</u>
Suraj	kalwa	9083644	<u>Employee Salary.</u>
yash	Thane	38479	<u>Employee Salary.</u>

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C. AIM: Create a web application to demonstrate GridView paging and Creating own table format using GridView.

Mysql Query:

```
CREATE TABLE books (  
    srno INT NOT NULL,  
    name VARCHAR (100) NULL,  
    phno VARCHAR (15) NULL,  
    bookname VARCHAR (100) NULL,  
    PRIMARY KEY CLUSTERED (srno)  
);
```

CODE:

```
using System;  
using System.Collections.Generic;  
using System.Linq;  
using System.Web;  
using System.Web.UI;  
using System.Web.UI.WebControls;  
  
namespace pra9c  
{  
    public partial class WebForm1 : System.Web.UI.Page  
    {  
        protected void Page_Load(object sender, EventArgs e)  
        {  
        }  
        protected void GridView1_PageIndexChanging(object sender, GridViewPageEventArgs e)  
        {  
            GridView1.PageIndex = e.NewPageIndex;  
        }  
        protected void DropDownList1_SelectedIndexChanged(object sender, EventArgs e)  
        {  
            GridView1.PageIndex = DropDownList1.SelectedIndex;  
        }  
    }  
}
```

SOURCE CODE:

```
<% @ Page Language="C#" AutoEventWireup="true" CodeBehind="WebForm1.aspx.cs"  
Inherits="pra9c.WebForm1" %>  
<!DOCTYPE html>  
<html xmlns="http://www.w3.org/1999/xhtml">  
<head runat="server">  
    <title></title>  
</head>  
<body>
```

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```
<form id="form1" runat="server">
    <div>
        <asp:GridView ID="GridView1" runat="server" style="margin-right: 0px"
OnPageIndexChanging= "GridView1_PageIndexChanging" AllowPaging="True"
AutoGenerateColumns="False" CellPadding="4" DataKeyNames="srno"
DataSourceID="SqlDataSource2" ForeColor="#333333" GridLines="None">
            <AlternatingRowStyle BackColor="White" />
            <Columns>
                <asp:BoundField DataField="srno" HeaderText="srno" ReadOnly="True"
SortExpression="srno" />
                <asp:BoundField DataField="name" HeaderText="name"
SortExpression="name" />
                <asp:BoundField DataField="phno" HeaderText="phno" SortExpression="phno" />
                <asp:BoundField DataField="bookname" HeaderText="bookname"
SortExpression="bookname" />
            </Columns>
            <EditRowStyle BackColor="#2461BF" />
            <EmptyDataTemplate>
                <asp:DropDownList ID="DropDownList1" runat="server" DataSource='<#
Eval("srno") %>' DataSourceID="SqlDataSource1" DataTextField="srno"
DataValueField="srno"
OnSelectedIndexChanged="DropDownList1_SelectedIndexChanged1" SelectedValue='<#
Eval("srno") %>'>
            </asp:DropDownList>
            <asp:SqlDataSource ID="SqlDataSource1" runat="server"
ConnectionString="<#$
ConnectionStrings:C:\USERS\VISHWAKARMA\SOURCE\REPOS\PRA8A\PRA8A\APP_
DATA\STUDENTS.MDFConnectionString2 %>" ProviderName="<#$
ConnectionStrings:C:\USERS\VISHWAKARMA\SOURCE\REPOS\PRA8A\PRA8A\APP_
DATA\STUDENTS.MDFConnectionString2.ProviderName %>"
SelectCommand="SELECT [srno] FROM [books]"></asp:SqlDataSource>
            </EmptyDataTemplate>
            <FooterStyle BackColor="#507CD1" Font-Bold="True" ForeColor="White" />
            <HeaderStyle BackColor="#507CD1" Font-Bold="True" ForeColor="White" />
            <PagerStyle BackColor="#2461BF" ForeColor="White"
HorizontalAlign="Center" />
            <RowStyle BackColor="#EFF3FB" />
            <SelectedRowStyle BackColor="#D1DDF1" Font-Bold="True"
ForeColor="#333333" />
            <SortedAscendingCellStyle BackColor="#F5F7FB" />
            <SortedAscendingHeaderStyle BackColor="#6D95E1" />
            <SortedDescendingCellStyle BackColor="#E9EBEF" />
            <SortedDescendingHeaderStyle BackColor="#4870BE" />
        </asp:GridView>
        <asp:SqlDataSource ID="SqlDataSource2" runat="server" ConnectionString="<#$
ConnectionStrings:C:\USERS\VISHWAKARMA\SOURCE\REPOS\PRA8A\PRA8A\APP_
DATA\STUDENTS.MDFConnectionString %>" SelectCommand="SELECT * FROM
[books]"></asp:SqlDataSource><br />
    </div>
</form>
```


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</body>

</html>

OUTPUT:

srno	name	phno	bookname
1	Sandeep	1234567890	The Great Gatsby
2	Sushil	0987654321	To Kill a Mockingbird
3	sharon	1122334455	1984
4	priyanshu	2233445566	Pride and Prejudice
5	ritesh	3344556677	Moby Dick