

Task 1:

file 1:

```
<%@ Page Language="C#" AutoEventWireup="true" CodeFile="Default.aspx.cs"
Inherits="_Default" EnableEventValidation=false%>

<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN"
"http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">

<html xmlns="http://www.w3.org/1999/xhtml">
<head runat="server">
    <title></title>
</head>
<body>
    <form id="form1" runat="server">
        <div>
            <font>Name : <br />
            Enrollment no : 0<br /><br /></font>
            Name<asp:TextBox ID="TextBox1" runat="server"></asp:TextBox>
            <br />
            <br />
            City<asp:TextBox ID="TextBox2" runat="server"></asp:TextBox>
            <br />
            <br />
            Gmail<asp:TextBox ID="TextBox3" runat="server"></asp:TextBox>
            <br />

        </div>
        <asp:Button ID="Button1" runat="server" onclick="Button1_Click" Text="Submit" />
        <asp:Button ID="Button4" runat="server" onclick="Button4_Click" Text="edit" />
        <br />
        <asp:Label ID="Label1" runat="server" Text="Label"></asp:Label>
        <asp:GridView ID="GridView1" runat="server" BackColor="White"
            BorderColor="#3366CC" BorderStyle="None" BorderWidth="1px" CellPadding="4" >
            <Columns>
                <asp:TemplateField HeaderText="Delete">
                    <ItemTemplate>
                        <asp:Button ID="Button2" runat="server" CommandArgument='<%#
Eval("id") %>'
                            onclick="Button2_Click" Text="Delete" />
                    </ItemTemplate>
                </asp:TemplateField>
                <asp:TemplateField HeaderText="Action">
                    <ItemTemplate>
                        <asp:Button ID="Button3" runat="server" CommandArgument='<%#
Eval("id") %>'
                            onclick="Button3_Click" Text="Select" />
                    </ItemTemplate>
                </asp:TemplateField>
            </Columns>
            <FooterStyle BackColor="#99CCCC" ForeColor="#003399" />
            <HeaderStyle BackColor="#003399" Font-Bold="True" ForeColor="#CCCCFF" />
            <PagerStyle BackColor="#99CCCC" ForeColor="#003399" HorizontalAlign="Left" />
            <RowStyle BackColor="White" ForeColor="#003399" />
        </asp:GridView>
    </form>
</body>
</html>
```

```

        <SelectedRowStyle BackColor="#009999" Font-Bold="True" ForeColor="#CCFF99" />
        <SortedAscendingCellStyle BackColor="#EDF6F6" />
        <SortedAscendingHeaderStyle BackColor="#0D4AC4" />
        <SortedDescendingCellStyle BackColor="#D6DFDF" />
        <SortedDescendingHeaderStyle BackColor="#002876" />
    </asp:GridView>
</form>
</body>

</html>

```

file 2:

```

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

public partial class _Default : System.Web.UI.Page
{
    SqlConnection con = new
SqlConnection(ConfigurationManager.ConnectionStrings["DatabaseConnectionString1"].Connect
ionString);
    protected void Page_Load(object sender, EventArgs e)
    {
        Print();
        //DeleteCommand="DELETE FROM [Emp] WHERE [id] = @id"
        // InsertCommand="INSERT INTO [Emp] ([name], [city], [gmail]) VALUES (@name,
@city, @gmail)"
        //ProviderName="<%$ ConnectionStrings:DatabaseConnectionString1.ProviderName %>"
        // SelectCommand="SELECT [id], [name], [city], [gmail] FROM [Emp]"
        // UpdateCommand="UPDATE [Emp] SET [name] = @name, [city] = @city, [gmail] =
@ gmail WHERE [id] = @id">
    }

    public void Print()
    {
        SqlDataAdapter adpt = new SqlDataAdapter("SELECT [id], [name], [city], [gmail]
FROM [Emp]", con);
        DataTable dt = new DataTable();
        adpt.Fill(dt);
        GridView1.DataSource = dt;
        GridView1.DataBind();
    }

    protected void Button1_Click(object sender, EventArgs e)
    {
        SqlCommand cmd = new SqlCommand("INSERT INTO [Emp] ([name], [city], [gmail])
VALUES (@name, @city, @gmail)", con);
        cmd.Parameters.AddWithValue("@name", TextBox1.Text);
        cmd.Parameters.AddWithValue("@city", TextBox2.Text);
        cmd.Parameters.AddWithValue("@gmail", TextBox3.Text);
    }
}

```

```

con.Open();

int s = cmd.ExecuteNonQuery();
con.Close();

if (s == 1)
{
    TextBox1.Text = "";
    TextBox2.Text = "";
    TextBox3.Text = "";
    Label1.Text = "record inserted";
    Print();
}
else
{
    TextBox1.Text = "";
    TextBox2.Text = "";
    TextBox3.Text = "";
    Label1.Text = "record not inserted";
}
}

protected void Button2_Click(object sender, EventArgs e)
{
    Button btn = (Button)sender;

    SqlCommand cmd = new SqlCommand("DELETE FROM [Emp] WHERE [id] = @id", con);
    cmd.Parameters.AddWithValue("@id", btn.CommandArgument);

    con.Open();

    int s = cmd.ExecuteNonQuery();
    con.Close();

    if (s == 1)
    {
        TextBox1.Text = "";
        TextBox2.Text = "";
        TextBox3.Text = "";
        Label1.Text = "record deleted";
        Print();
    }
    else
    {
        TextBox1.Text = "";
        TextBox2.Text = "";
        TextBox3.Text = "";
        Label1.Text = "record not deleted";
    }
}

protected void Button3_Click(object sender, EventArgs e)
{
    Button btn = (Button)sender;

```

```

        SqlDataAdapter adpt = new SqlDataAdapter("SELECT [id], [name], [city], [gmail]
FROM [Emp] WHERE [id]="+btn.CommandArgument, con);
        DataTable dt = new DataTable();
        adpt.Fill(dt);

        TextBox1.Text = dt.Rows[0][1].ToString();
        TextBox2.Text = dt.Rows[0][2].ToString();
        TextBox3.Text = dt.Rows[0][3].ToString();

        ViewState["id"] = btn.CommandArgument;

        Button4.Text = "selected";
    }
    protected void Button4_Click(object sender, EventArgs e)
    {
        if(Button4.Text == "edit")
        {
            SqlCommand cmd = new SqlCommand("INSERT INTO [Emp] ([name], [city], [gmail])
VALUES (@name, @city, @gmail)", con);
            cmd.Parameters.AddWithValue("@name", TextBox1.Text);
            cmd.Parameters.AddWithValue("@city", TextBox2.Text);
            cmd.Parameters.AddWithValue("@gmail", TextBox3.Text);

            con.Open();

            int s = cmd.ExecuteNonQuery();
            con.Close();

            if (s == 1)
            {
                TextBox1.Text = "";
                TextBox2.Text = "";
                TextBox3.Text = "";
                Label1.Text = "record inserted";
                Print();
            }
            else
            {
                TextBox1.Text = "";
                TextBox2.Text = "";
                TextBox3.Text = "";
                Label1.Text = "record not inserted";
            }
        }
        else
        {
            SqlCommand cmd = new SqlCommand("UPDATE [Emp] SET [name] = @name, [city] =
@city, [gmail] = @gmail WHERE [id] = @id", con);
            cmd.Parameters.AddWithValue("@name", TextBox1.Text);
            cmd.Parameters.AddWithValue("@city", TextBox2.Text);
            cmd.Parameters.AddWithValue("@gmail", TextBox3.Text);
            cmd.Parameters.AddWithValue("@id", ViewState["id"]);

            con.Open();

```

```
int s = cmd.ExecuteNonQuery();
con.Close();

if (s == 1)
{
    TextBox1.Text = "";
    TextBox2.Text = "";
    TextBox3.Text = "";
    Label1.Text = "record updated";
    Print();
}
else
{
    TextBox1.Text = "";
    TextBox2.Text = "";
    TextBox3.Text = "";
    Label1.Text = "record not updated";
}
}
}
```