

CRUD Web Page HTML: -

```
<%@ Page Title="" Language="C#" MasterPageFile="~/Site1.Master"
AutoEventWireup="true" CodeBehind="WebForm1.aspx.cs"
Inherits="WebApplication1.WebForm1" %>
<asp:Content ID="Content1" ContentPlaceHolderID="head" runat="server">
    <style type="text/css">
        .auto-style1 {
            width: 100%;
        }
        .auto-style2 {
            width: 174px;
        }
        .auto-style3 {
            width: 393px;
        }
        .auto-style4 {
            width: 174px;
            height: 38px;
        }
        .auto-style5 {
            width: 393px;
            height: 38px;
        }
        .auto-style6 {
            height: 38px;
        }
    </style>
</asp:Content>
<asp:Content ID="Content2" ContentPlaceHolderID="ContentPlaceHolder1" runat="server">
    <div>
        <div style="font-size: x-large" align="center">Student Info Management Form<br />
        <table class="auto-style1">
            <tr>
                <td class="auto-style4"></td>
                <td class="auto-style5">Student Id</td>
                <td class="auto-style6">
                    <asp:TextBox ID="TextBox1" runat="server"
Font-Size="Medium"></asp:TextBox>
```

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        &nbsp;<asp:Button ID="Button5" runat="server" BackColor="#9933FF"
BorderColor="#9933FF" Font-Bold="True" Font-Size="Medium" ForeColor="White"
Height="36px" OnClick="Button5_Click" Text="Get" />
    </td>
</tr>
<tr>
    <td class="auto-style2">&nbsp;</td>
    <td class="auto-style3">Name</td>
    <td>
        <asp:TextBox ID="TextBox2" runat="server"
Font-Size="Medium"></asp:TextBox>
    </td>
</tr>
<tr>
    <td class="auto-style2">&nbsp;</td>
    <td class="auto-style3">Address</td>
    <td>
        <asp:DropDownList ID="DropDownList1" runat="server">
            <asp:ListItem>USA</asp:ListItem>
            <asp:ListItem>Canada</asp:ListItem>
            <asp:ListItem>UK</asp:ListItem>
        </asp:DropDownList>
    </td>
</tr>
<tr>
    <td class="auto-style2">&nbsp;</td>
    <td class="auto-style3">Age</td>
    <td>
        <asp:TextBox ID="TextBox3" runat="server"
Font-Size="Medium"></asp:TextBox>
    </td>
</tr>
<tr>
    <td class="auto-style2">&nbsp;</td>
    <td class="auto-style3">Contact</td>
    <td>
        <asp:TextBox ID="TextBox4" runat="server"
Font-Size="Medium"></asp:TextBox>
    </td>
</tr>

```

```

        <tr>
        <td class="auto-style2">&nbsp;</td>
        <td class="auto-style3">&nbsp;</td>
        <td>
        <asp:Button ID="Button1" runat="server" BackColor="#9933FF"
BorderColor="#9933FF" Font-Bold="True" Font-Size="Medium" ForeColor="White"
Height="36px" OnClick="Button1_Click" Text="Insert" />
        &nbsp;<asp:Button ID="Button2" runat="server" BackColor="#9933FF"
BorderColor="#9933FF" Font-Bold="True" Font-Size="Medium" ForeColor="White"
Height="36px" OnClick="Button2_Click" Text="Update" />
        &nbsp;<asp:Button ID="Button3" runat="server" BackColor="#9933FF"
BorderColor="#9933FF" Font-Bold="True" Font-Size="Medium" ForeColor="White"
Height="36px" OnClick="Button3_Click" Text="Delete" onClientClick="return confirm('Are
you sure to delete?');"/>
        &nbsp;<asp:Button ID="Button4" runat="server" BackColor="#9933FF"
BorderColor="#9933FF" Font-Bold="True" Font-Size="Medium" ForeColor="White"
Height="36px" OnClick="Button4_Click" Text="Search" />
        </td>
        </tr>
        <tr>
        <td class="auto-style2">&nbsp;</td>
        <td class="auto-style3">&nbsp;</td>
        <td>&nbsp;</td>
        </tr>
        <tr>
        <td class="auto-style2">&nbsp;</td>
        <td class="auto-style3">&nbsp;</td>
        <td>
        <asp:GridView ID="GridView1" runat="server" Width="791px">
        </asp:GridView>
        </td>
        </tr>
    </table>
</div>
</asp:Content>

```

CRUD Webpage methods: -

```

using System;
using System.Collections.Generic;

```

```

using System.Data;
using System.Data.SqlClient;
using System.Linq;
using System.Web;
using System.Web.UI;
using System.Web.UI.WebControls;

namespace WebApplication1
{
    public partial class WebForm1 : System.Web.UI.Page
    {
        SqlConnection con = new SqlConnection("Data Source=DESKTOP-CNP6IC6;Initial
Catalog=TestDb;User ID=sa;Password=nayapakistan#1");

        protected void Page_Load(object sender, EventArgs e)
        {
            if(!IsPostBack)
            {
                LoadRecord();
            }
        }

        protected void Button1_Click(object sender, EventArgs e)
        {
            con.Open();
            SqlCommand comm = new SqlCommand("insert into studenttbl values
(""+int.Parse(TextBox1.Text)+"','"+TextBox2.Text+"','"+DropDownList1.SelectedValue+"','"+do
uble.Parse(TextBox3.Text)+"','"+TextBox4.Text+"')",con);
            comm.ExecuteNonQuery();
            con.Close();
            ScriptManager.RegisterStartupScript(this,this.GetType(),"script","alert('Successfully
Inserted');",true);
            LoadRecord();
        }

        void LoadRecord()
        {
            SqlCommand comm = new SqlCommand("select * from studenttbl", con);
            SqlDataAdapter d = new SqlDataAdapter(comm);
            DataTable dt = new DataTable();

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d.Fill(dt);
GridView1.DataSource= dt;
GridView1.DataBind();
}
```

```
protected void Button2_Click(object sender, EventArgs e)
{
    con.Open();
    SqlCommand comm = new SqlCommand("update studenttbl set name = " +
    TextBox2.Text + ",address = " + DropDownList1.SelectedValue + ",age = " +
    double.Parse(TextBox3.Text) + ",contact = " + TextBox4.Text + "where id = " +
    int.Parse(TextBox1.Text) + """, con);
    comm.ExecuteNonQuery();
    con.Close();
    ScriptManager.RegisterStartupScript(this, this.GetType(), "script", "alert('Successfully Updated');", true);
    LoadRecord();
}
```

```
protected void Button3_Click(object sender, EventArgs e)
{
    con.Open();
    SqlCommand comm = new SqlCommand("delete from studenttbl where id = " +
    int.Parse(TextBox1.Text) + """, con);
    comm.ExecuteNonQuery();
    con.Close();
    ScriptManager.RegisterStartupScript(this, this.GetType(), "script", "alert('Successfully Deleted');", true);
    LoadRecord();
}
```

```
protected void Button4_Click(object sender, EventArgs e)
{
    SqlCommand comm = new SqlCommand("select * from studenttbl where id = " +
    int.Parse(TextBox1.Text) + """, con);
    SqlDataAdapter d = new SqlDataAdapter(comm);
    DataTable dt = new DataTable();
    d.Fill(dt);
    GridView1.DataSource = dt;
    GridView1.DataBind();
}
```

```

    }

    protected void Button5_Click(object sender, EventArgs e)
    {
        con.Open();
        SqlCommand comm = new SqlCommand("select * from studenttbl where id = '" +
int.Parse(TextBox1.Text) + "'", con);
        SqlDataReader r = comm.ExecuteReader();
        while(r.Read())
        {
            TextBox2.Text = r.GetValue(1).ToString();
            DropDownList1.SelectedValue = r.GetValue(2).ToString();
            TextBox3.Text = r.GetValue(3).ToString();
            TextBox4.Text = r.GetValue(4).ToString();
        }
    }
}

```