

Multi User Reg Login

Connection Class:

```

7
8 namespace Multi_User_Reg_Login
9 {
10     7 references
11     public class ConnectionCls
12     {
13         SqlConnection con;
14         SqlCommand cmd;
15
16         3 references
17         public ConnectionCls()
18         {
19             con = new SqlConnection(@"server=BRY\SQLEXPRESS;database=TwoLayerDB;integrated security = true;");
20
21         4 references
22         public int NonQuery_Fn(string sqlquery)
23         {
24             if(con.State == ConnectionState.Open)
25             {
26                 con.Close();
27             }
28             cmd = new SqlCommand(sqlquery, con);
29             con.Open();
30             int i = cmd.ExecuteNonQuery();
31             con.Close();
32             return i;
33         }
34     }
35 }

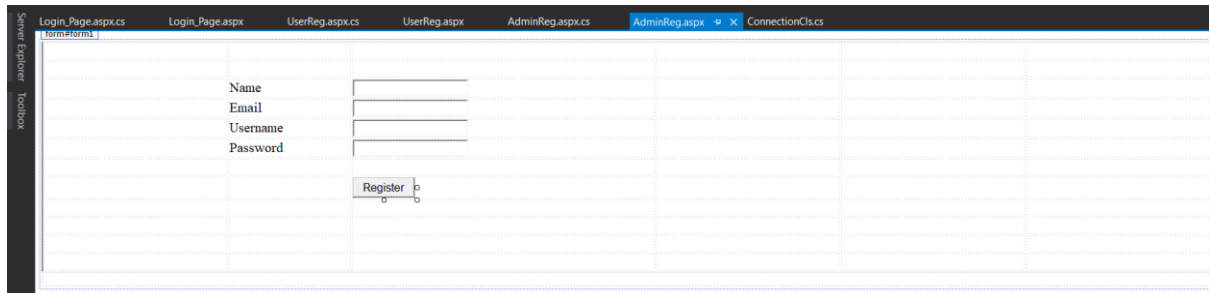
```

```

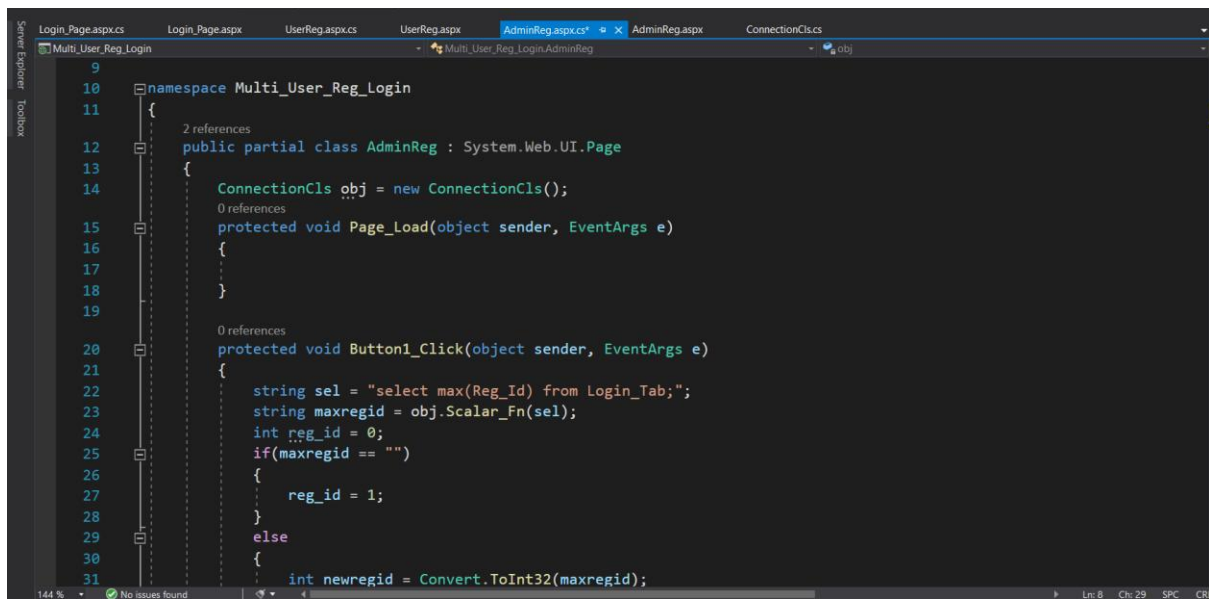
20
21 {
22     if(con.State == ConnectionState.Open)
23     {
24         con.Close();
25     }
26     cmd = new SqlCommand(sqlquery, con);
27     con.Open();
28     int i = cmd.ExecuteNonQuery();
29     con.Close();
30     return i;
31 }
32
33 5 references
34 public string Scalar_Fn(string sqlquery)
35 {
36     if(con.State == ConnectionState.Open)
37     {
38         con.Close();
39     }
40     cmd = new SqlCommand(sqlquery, con);
41     con.Open();
42     string i = cmd.ExecuteScalar().ToString();
43     con.Close();
44     return i;
45 }

```

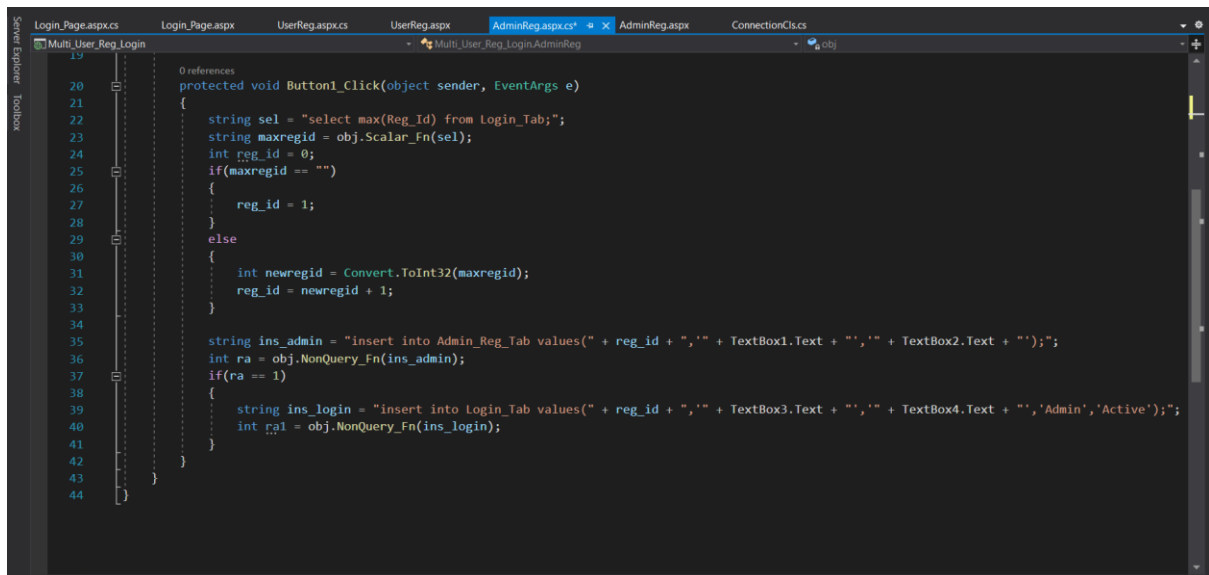
Admin registration form:



The screenshot shows a web browser window with the 'AdminReg.aspx' page active. The page contains a registration form with the following fields: Name, Email, Username, and Password. Each field is represented by a text input box. Below these fields is a 'Register' button. The browser's address bar shows the page is part of a project named 'Multi_User_Reg_Login'.



```
10 namespace Multi_User_Reg_Login
11 {
12     2 references
13     public partial class AdminReg : System.Web.UI.Page
14     {
15         ConnectionCls obj = new ConnectionCls();
16         0 references
17         protected void Page_Load(object sender, EventArgs e)
18         {
19         }
20         0 references
21         protected void Button1_Click(object sender, EventArgs e)
22         {
23             string sel = "select max(Reg_Id) from Login_Tab;";
24             string maxregid = obj.Scalar_Fn(sel);
25             int reg_id = 0;
26             if(maxregid == "")
27             {
28                 reg_id = 1;
29             }
30             else
31             {
32                 int newregid = Convert.ToInt32(maxregid);
```



```
33             }
34             string ins_admin = "insert into Admin_Reg_Tab values(" + reg_id + "," + TextBox1.Text + "," + TextBox2.Text + ")";
35             int ra = obj.NonQuery_Fn(ins_admin);
36             if(ra == 1)
37             {
38                 string ins_login = "insert into Login_Tab values(" + reg_id + "," + TextBox3.Text + "," + TextBox4.Text + ",'Admin','Active')";
39                 int rsl = obj.NonQuery_Fn(ins_login);
40             }
41         }
42     }
43 }
44 }
```

User registration form:

The screenshot shows a web browser window with the title 'UserReg.aspx'. The browser's address bar shows 'http://localhost:10243/UserReg.aspx'. The page contains a registration form with the following fields and a button:

Field	Value
Name	
Age	
Username	
Password	
Register	Register

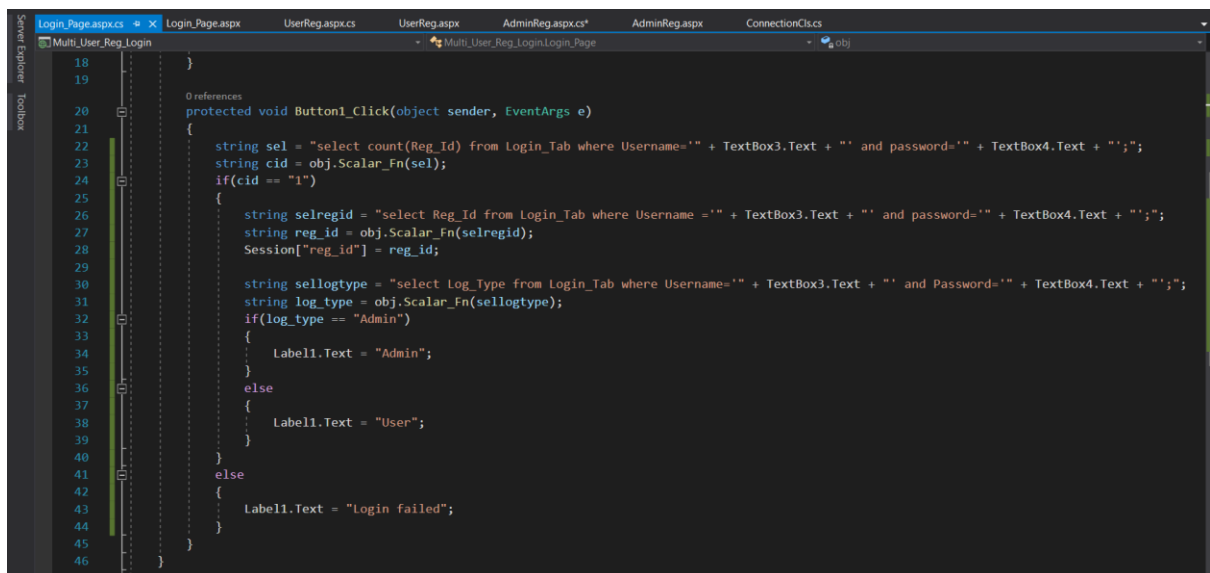
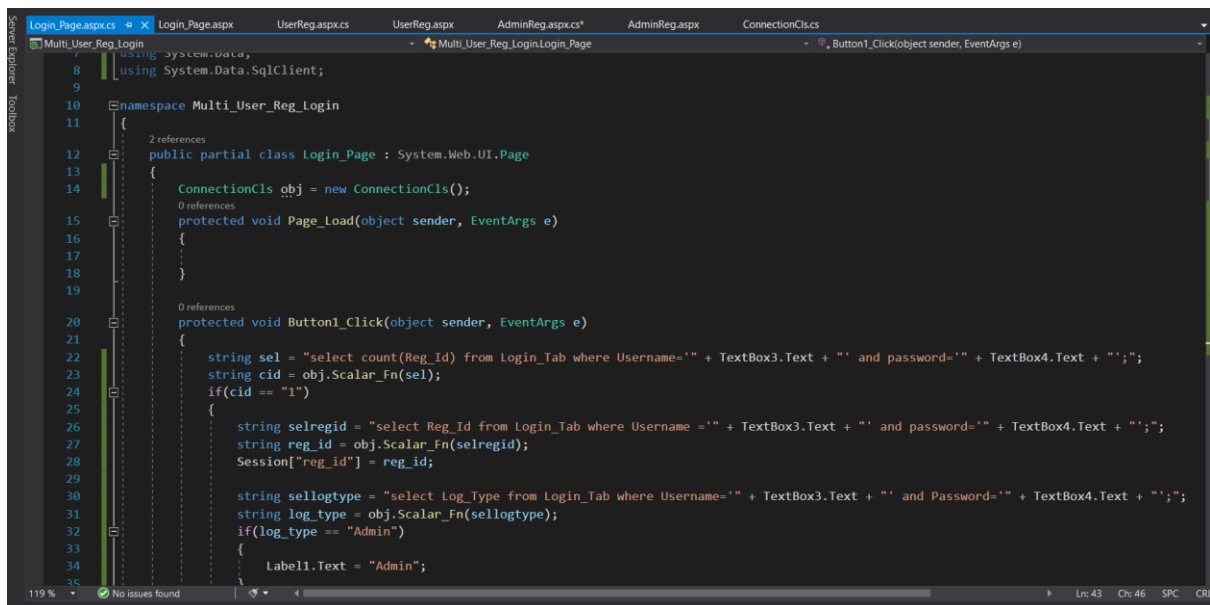
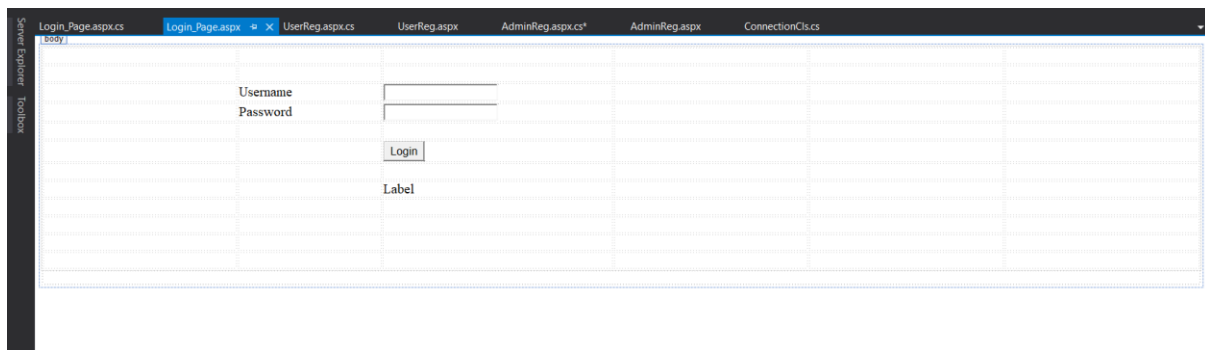
```
using System.Web;
using System.Web.UI;
using System.Web.UI.WebControls;
using System.Data.SqlClient;

namespace Multi_User_Reg_Login
{
    2 references
    public partial class UserReg : System.Web.UI.Page
    {
        ConnectionCls obj = new ConnectionCls();
        0 references
        protected void Page_Load(object sender, EventArgs e)
        {
        }

        0 references
        protected void Button1_Click(object sender, EventArgs e)
        {
            string sel = "select max(Reg_Id) from Login_Tab;";
            string maxregid = obj.Scalar_Fn(sel);
            int reg_id = 0;
            if(maxregid == "")
            {
                reg_id = 0;
            }
        }
    }
}
```

```
15 {
16 }
17 }
18 }
0 references
protected void Button1_Click(object sender, EventArgs e)
{
    string sel = "select max(Reg_Id) from Login_Tab;";
    string maxregid = obj.Scalar_Fn(sel);
    int reg_id = 0;
    if(maxregid == "")
    {
        reg_id = 0;
    }
    else
    {
        int newregid = Convert.ToInt32(maxregid);
        reg_id = newregid + 1;
    }
    string ins_user = "insert into User_Reg_Tab values(" + reg_id + "," + TextBox1.Text + "," + TextBox2.Text + ")";
    int ra = obj.NonQuery_Fn(ins_user);
    if(ra == 1)
    {
        string ins_login = "insert into Login_Tab values(" + reg_id + "," + TextBox3.Text + "," + TextBox4.Text + "','User','Active')";
        int ral = obj.NonQuery_Fn(ins_login);
    }
}
40 }
41 }
42 }
```

Login Page:



Admins and Users have a separate table. Since 'username' and 'password' are a common field among both admins and users we include that field in a "common" table called Login_Tab to make It normalized.