Github link:

**Bal layer code:**

using System;

using System.Collections.Generic;

using System.Linq;

using System.Text;

using System.Threading.Tasks;

namespace bal

{

public class subjectcs

{

public int subjects\_id1 { get; set; }

public string subjects\_name1 { get; set; }

}

public class classes

{

public int class\_roomno { get; set; }

public int class\_strength { get; set; }

}

public class student

{

public int student\_id { get; set; }

public string student\_name { get; set; }

public int student\_class { get; set; }

}

}

**Data layer code:**

using System;

using System.Collections.Generic;

using System.Data.SqlClient;

using System.Linq;

using System.Text;

using System.Threading.Tasks;

using bal;

namespace dataaccess

{

public class schooldetails

{

public List<classes> GetProducts()

{

SqlConnection c = new SqlConnection("Data Source=DESKTOP-LUAVTH3;Initial Catalog=school;Integrated Security=True");

SqlCommand cmd = new SqlCommand("select \*from class", c);

c.Open();

SqlDataReader dr = cmd.ExecuteReader();

List<classes> plist = new List<classes>();

while (dr.Read())

{

plist.Add(new classes { class\_roomno = Convert.ToInt32(dr[0]), class\_strength= Convert.ToInt32(dr[1]) });

}

c.Close();

c.Dispose();

return plist;

}

public List<subjectcs> GetProducts1()

{

SqlConnection c = new SqlConnection("Data Source=DESKTOP-LUAVTH3;Initial Catalog=school;Integrated Security=True");

SqlCommand cmd = new SqlCommand("select \*from subjects", c);

c.Open();

SqlDataReader dr = cmd.ExecuteReader();

List<subjectcs> plist = new List<subjectcs>();

while (dr.Read())

{

plist.Add(new subjectcs { subjects\_id1 = Convert.ToInt32(dr[0]), subjects\_name1 = dr[1].ToString() });

}

c.Close();

c.Dispose();

return plist;

}

public List<student> GetProducts2()

{

SqlConnection c = new SqlConnection("Data Source=DESKTOP-LUAVTH3;Initial Catalog=school;Integrated Security=True");

SqlCommand cmd = new SqlCommand("select \*from student ", c);

c.Open();

SqlDataReader dr = cmd.ExecuteReader();

List<student> plist = new List<student>();

while (dr.Read())

{

plist.Add(new student { student\_id= Convert.ToInt32(dr[0]),student\_name = dr[1].ToString(),student\_class = Convert.ToInt32(dr[2]) });

}

c.Close();

c.Dispose();

return plist;

}

}

}

**Show class.cs**

using bal;

using dataaccess;

using System;

using System.Collections.Generic;

using System.Linq;

using System.Web;

using System.Web.UI;

using System.Web.UI.WebControls;

namespace school\_management

{

public partial class showclasses : System.Web.UI.Page

{

protected void Page\_Load(object sender, EventArgs e)

{

schooldetails b = new schooldetails();

List<classes> products = new List<classes>();

products = b.GetProducts();

GridView1.DataSource = products;

GridView1.DataBind();

}

}

}

**Show subjects.cs**

using bal;

using dataaccess;

using System;

using System.Collections.Generic;

using System.Linq;

using System.Web;

using System.Web.UI;

using System.Web.UI.WebControls;

namespace school\_management

{

public partial class showsubjects : System.Web.UI.Page

{

protected void Page\_Load(object sender, EventArgs e)

{

schooldetails b = new schooldetails();

List<subjectcs> products = new List<subjectcs>();

products = b.GetProducts1();

GridView1.DataSource = products;

GridView1.DataBind();

}

}

}

**Show students.cs**

using bal;

using dataaccess;

using System;

using System.Collections.Generic;

using System.Linq;

using System.Web;

using System.Web.UI;

using System.Web.UI.WebControls;

namespace school\_management

{

public partial class showteacher : System.Web.UI.Page

{

protected void Page\_Load(object sender, EventArgs e)

{

schooldetails b = new schooldetails();

List<student> products = new List<student>();

products = b.GetProducts2();

GridView1.DataSource = products;

GridView1.DataBind();

}

}

}