

MVC

First Day

HomeController.cs

```
using System.Collections.Generic;
using System.Linq;
using using System;
System.Security.Cryptography.X509Certificates;
using System.Web;
using System.Web.Mvc;

namespace WebApplication1.Controllers
{
    public class HomeController : Controller
    {
        //get type action method
        //view result

        public ActionResult Index()
        {
            return View();
        }

        //views->Controller name folder action method name file.cshtml
        public ActionResult Aboutus()
        {
            return View("aboutus");
        }

        public ActionResult Contact()
        {
            return View();
        }

        public ActionResult ViewMsg()
        {
            return Content("<h1>This is a content  
message</h1><script>alert('hello')</script>");
        }

        public RedirectToRouteResult RedirectEx()
        {
            return RedirectToAction("index");
        }

        /*
        public RedirectResult ReadectTex()
        {
            return redirect("url");
        }
        */
        /*
        public ActionResult login()
        if(login_successssful)
        {

```

```

        return RedirectToAction("Dashboard","Admin");
    }
    else
    {
        return Content("<script>alert('Invalid
credentials');location.href='/home/login'</script>");
    }
    */
}

public PartialViewResult CallPartialView()
{
    return PartialView();
}

/*
public string Index()
{
    return "<h1>Hello ! I am Nilesh Shrivastav and this is my
<del>first</del>page</h1>";
}
public string Contact()
{
    return "This is my Contact page";
}

*/
}
}

```

Index.cshtml

```

@{
    Layout = null;
}

<!DOCTYPE html>

<html>
<head>
    <meta name="viewport" content="width=device-width" />
    <title>Index</title>
    <style>
        div {
            height:500px;
            width:400px;
            background:red;
            margin:50px auto;
            padding:10px;
        }
    </style>
</head>
<body>

```

```

        <div>
            <h1>Tech Shrivastav</h1>
            <input type="text" placeholder="Name">
        </div>

</body>
</html>

```

Aboutus.cshtml

```

@{
    Layout = null;
}

<!DOCTYPE html>

<html>
<head>
    <meta name="viewport" content="width=device-width" />
    <title>Aboutus</title>
    <style>
    <link href="~/Content/css/bootstrap.css" rel="stylesheet" />
    <link href="~/Content/css/all.css" rel="stylesheet" />
    </style>
</head>
<body>
    <div class="col-sm-4">

        
    </div>
</body>
</html>

```

Contact.cshtml

```

@{
    ViewBag.Title = "Contact";
    Layout = "~/Views/Shared/_GeneralLayoutPage1.cshtml";
}

<h2>Child Page Desgin</h2>

```

_GeneralLayoutPage1.cshtml

```

<!DOCTYPE html>

```

```

<html>
<head>
  <meta name="viewport" content="width=device-width" />
  <title>@ViewBag.Title</title>
</head>
<body>
  <div>
    <h1>Header Layout</h1>
    @RenderBody()
    <h1>Footer Layout</h1>
  </div>
</body>
</html>

```

Day-2

HomeController.cs

```

using System;
using System.Collections.Generic;
using System.Linq;
using System.Web;
using System.Web.Mvc;

namespace WebApplication4.Controllers
{
    public class HomeController : Controller
    {
        // GET: Home
        public ActionResult Index()
        {
            return View();
        }
        public ActionResult About()
        {
            return View();
        }
        public ActionResult Pricing()
        {
            return View();
        }
        public ActionResult Docs()
        {

```

```

        return View();
    }
    public ActionResult Contact()
    {
        return View();
    }
}

```

_GeneralPageLayout.cshtml

```

<!DOCTYPE html>

<html>
<head>
    <meta name="viewport" content="width=device-width" />
    <title>@ViewBag.Title</title>
    <link href="~/Content/css/bootstrap.css" rel="stylesheet" />
    <style>
        .ro {
            min-height: 200px;
            width: 800px;
        }

        .menu {
            min-height: 40px;
            width: 1000px;
            border-radius: 10px;
            background: #8C00CC;
        }

        ul li {
            list-style: none;
            float: left;
            padding: 10px;
            padding-left: 50px;
            margin-left: 25px;
            font-size: 18px;
            color: white;
        }

        ul li:hover {
            background: #00ff90;
        }

        a {
            text-decoration: none;
            color: white;
        }

        .dropdown-content {
            display: none;
            position: absolute;
            background-color: #8C00CC;

```

```

        min-width: 160px;
        box-shadow: 0 8px 16px rgba(0, 0, 0, 0.2);
        z-index: 1;
    }

    .dropdown:hover .dropdown-content {
        display: block;
    }

    .dropdown-content a {
        color: white;
        padding: 12px 16px;
        display: block;
        text-decoration: none;
        text-align: left;
    }

    .dropdown-content a:hover {
        background-color: #00ff90;
    }
</style>
</head>
<body>
    <div class="row bg-success">
        <div class="col-sm-6 mx-auto bg-dark">
            <ul>
                <li><a href="/develop/index">Home</a></li>
                <li><a href="/develop/about">About</a></li>
                <li class="dropdown">
                    <a href="/develop/work">Work</a>
                    <div class="dropdown-content">
                        <a href="/develop/design">Design</a>
                        <a href="/develop/development">Development</a>
                        <a href="/develop/photography">Photography</a>
                        <a href="/develop/writing">Writing</a>
                    </div>
                </li>
                <li><a href="/develop/contact">Contact</a></li>
            </ul>
        </div>
    </div>
</div>
<div>
    @RenderBody()
</div>
</body> </html>

```

Other Files blank only create View

In same namespace

developController.cs

```

using System;
using System.Collections.Generic;
using System.Linq;
using System.Web;

```

```

using System.Web.Mvc;

namespace WebApplication4.Controllers
{
    public class developController : Controller
    {
        // GET: develop
        public ActionResult Index()
        {
            return View();
        }
        public ActionResult About()
        {
            return View();
        }
        public ActionResult Work()
        {
            return View();
        }
        public ActionResult Design()
        {
            return View();
        }
        public ActionResult Development()
        {
            return View();
        }
        public ActionResult Photography()
        {
            return View();
        }
        public ActionResult Writing()
        {
            return View();
        }
        public ActionResult Contact()
        {
            return View();
        }
    }
}

```

_GeneralPage1Layout.cshtml

```

<!DOCTYPE html>

<html>
<head>
    <meta name="viewport" content="width=device-width" />
    <title>@ViewBag.Title</title>
    <link href="~/Content/css/bootstrap.css" rel="stylesheet" />
    <style>
        .ro {

```

```

        min-height: 200px;
        width: 800px;
    }

    .menu {
        min-height: 40px;
        width: 1000px;
        border-radius: 10px;
        background: #8C00CC;
    }

    ul li {
        list-style: none;
        float: left;
        padding: 10px;
        padding-left: 50px;
        margin-left: 25px;
        font-size: 18px;
        color: white;
    }

    ul li:hover {
        background: #00ff90;
    }

    a {
        text-decoration: none;
        color: white;
    }

    .dropdown-content {
        display: none;
        position: absolute;
        background-color: #8C00CC;
        min-width: 160px;
        box-shadow: 0 8px 16px rgba(0, 0, 0, 0.2);
        z-index: 1;
    }

    .dropdown:hover .dropdown-content {
        display: block;
    }

    .dropdown-content a {
        color: white;
        padding: 12px 16px;
        display: block;
        text-decoration: none;
        text-align: left;
    }

    .dropdown-content a:hover {
        background-color: #00ff90;
    }
</style>
</head>

```



```

<body>
  <div class="row bg-success">
    <div class="col-sm-6 mx-auto bg-dark">
      <ul>
        <li><a href="/develop/index">Home</a></li>
        <li><a href="/develop/about">About</a></li>
        <li class="dropdown">
          <a href="/develop/work">Work</a>
          <div class="dropdown-content">
            <a href="/develop/design">Design</a>
            <a href="/develop/development">Development</a>
            <a href="/develop/photography">Photography</a>
            <a href="/develop/writing">Writing</a>
          </div>
        </li>
        <li><a href="/develop/contact">Contact</a></li>
      </ul>
    </div>
  </div>
  <div>
    @RenderBody()
  </div>
</body>
</html>

```

Other Files blank only create View

FORM MESSAGE PRINT IN BODY

Day-3

HomeController.cs

```

using System;
using System.Collections.Generic;
using System.Linq;
using System.Web;
using System.Web.Mvc;
using System.Xml.Linq;

namespace WebApplication6.Controllers
{
    public class HomeController : Controller
    {
        // GET: Home
        public ActionResult Index()
        {
            return View();
        }
    }
}

```

```

        public ActionResult FormData(string fname, string lname, string
email, string pass, string cpass)
        {
            return Content($"<h1>First Name : {fname}</h1><br/><h1>Last
Name : {lname}</h1><br/><h1>Email : {email}</h1><br/><h1>Password :
{pass}</h1><br/><h1>Confirm Passsword : {cpass}</h1>");
        }
        public ActionResult Job()
        {
            return View();
        }

        public ActionResult JobData(string name, string address, long?
mobno, string pos)
        {
            return Content($"<h1>Full Name : {name}</h1><br/><h1>Address
: {address}</h1><br/><h1>Mobile Number : {mobno}</h1><br/><h1>Position
applied : {pos}</h1>");
        }
        public ActionResult Register()
        {
            return View();
        }
        public ActionResult RegisterData(string name, string email, long?
mob, string pas)
        {
            return Content($"<script>alert('Your Name is {name} Email is
{email} Phone Number is {mob} Password is {pas}')</script>" +
                $"<h3>Your name is : {name}</h3><br/><h3>Email is :
{email}</h3><br/><h3>Phone Number is : {mob}</h3><br/><h3>Password is :
{pas}</h3>");
        }
        public ActionResult Form()
        {
            return View();
        }
        public ActionResult RegistrationData(string fname, string mname,
string lname, string gender, string code, long? mob, string email)
        {
            return Content($"<script>alert('Your Name is {fname+'
'+mname+' '+lname} Gender is {gender} Phone Number is {code+mob} Email is
{email}')</script>" +
                $"<h3>Your name is : {fname+' '+mname+'
'+lname}</h3><br/><h3>Gender is : {gender}</h3><br/><h3>Phone Number is :
{code+mob}</h3><br/><h3>Email is : {email}</h3>");
        }
    }
}

```

Index.cshtml

@{

```

    Layout = null;
}

<!DOCTYPE html>

<html>
<head>
    <link href="/Content/css/bootstrap.css" rel="stylesheet" />
    <link href="/Content/css/all.css" rel="stylesheet" />
    <meta name="viewport" content="width=device-width" />
    <title>Register</title>
    <style>
        .bor {
            border: 5px solid #779BCF;
            text-align: center;
            background: #f2f3f7;
        }
        .check {
            margin-right: 65px;
        }
        .color {
            color: #90cd95;
        }
        .n {
            border: 0.3px solid grey;
            border-radius: 5px;
        }
        .reg {
            height: 40px;
            width: 400px;
            background: #28a745;
            color: white;
            border: none;
            border-radius: 5px;
        }
        .fi {
            color: #779BCF;
        }
    </style>
</head>
<body>
    <div class="container-fluid">
        <div class="row">
            <div class="col-sm-4 mx-auto mt-5 bor p-3">
                <h3 class="fi mt-2">----- Register -----
</h3>
                <span class="mt-3">Create your account. It's free and
only takes a minute.</span>
                <form class="mt-4" action="/home/formdata" method="get">
                    <input type="text" placeholder="First Name"
name="fname" class="p-1 n" />
                    <input type="text" placeholder="Last Name"
name="lname" class="p-1 ms-2 n" />
                    <input type="email" placeholder="Email" name="email"
class="form-control mt-4" />

```

```

        <input type="password" placeholder="Password"
name="pass" class="form-control mt-4" />
        <input type="password" placeholder="Confirm Password"
name="cpass" class="form-control mt-4" />
        <input type="checkbox" class="mt-4"/><span
class="check">I accept the <b class="color">Terms of Use</b> &
        <b class="color">Pravacy Policy</b></span>
        <input type="submit" value="Register Now" class="reg
mt-4"/>
    </form>
</div>
</div>
</div>
</body>
</html>

```

Form.cshtml

```

@{
    Layout = null;
}

<!DOCTYPE html>

<html>
<head>
    <link href="~/Content/css/bootstrap.css" rel="stylesheet" />
    <link href="~/Content/css/all.css" rel="stylesheet" />
    <meta name="viewport" content="width=device-width" />
    <title>Form</title>
    <style>
        .pri {
            background: #ffc0cb;
        }
        .ni {
            background: #add8e6;
        }
        hr {
            color: white;
            margin-left: 15px;
            margin-right: 10px;
        }
        form {
            margin-left: 15px;
            margin-right: 10px;
        }
        .reg {
            height: 40px;
            width: 100%;
            background: #56b35f;
            color: white;
        }
    </style>

```



```
</body>  
</html>
```

ViewBag & Model

HomeController.cs

```
using System;  
using System.Collections;  
using System.Collections.Generic;  
using System.Linq;  
using System.Web;  
using System.Web.Mvc;  
using WebApplication7.Models;  
  
namespace WebApplication7.Controllers  
{  
    public class HomeController : Controller  
    {  
        //home/index/8?name=tech  
        public ActionResult Index(StudentModel s)  
        {  
            string name = "Tech";  
            ViewBag.name = name;  
  
            ArrayList student = new ArrayList();  
            student.Add("Tech");  
            student.Add(8766573820);  
            student.Add("n@gmail.com");  
            student.Add("Diploma");  
  
            //ViewBag.student = student;  
            return View(student);  
        }  
  
        public ActionResult About()  
        {  
            StudentModel student = new StudentModel();  
            student.name = "Tech";  
            student.mobileno = 8766573820;  
            student.email = "ni@gmail.com";  
            student.college = "Gp Jaunpur";  
        }  
    }  
}
```

```

        return View(student);
    }

    public ActionResult Contact()
    {
        StudentModel s1 = new StudentModel();
        s1.name = "Techpile";
        s1.mobilenno = 876654433234;
        s1.email = "n@gmail.com";
        s1.college = "Gp Jaunpur";

        StudentModel s2 = new StudentModel();
        s2.name = "Nilesh";
        s2.mobilenno = 8766573820;
        s2.email = "nilkh@gmail.com";
        s2.college = "IUEt";

        StudentModel s3 = new StudentModel();
        s3.name = "Anmol";
        s3.mobilenno = 8108573820;
        s3.email = "anmol@gmail.com";
        s3.college = "UAIIt";

        List<StudentModel> students = new List<StudentModel>();
        students.Add(s1);
        students.Add(s2);
        students.Add(s3);

        //ViewBag.students = students;

        return View(students);
    }
}

```

StudentModel.cs

```

using System;
using System.Collections.Generic;
using System.Linq;
using System.Web;

namespace WebApplication7.Models
{
    public class StudentModel
    {
        public int id { get; set; }
        public string name { get; set; }
        public int age { get; set; }
        public long mobilenno { get; set; }
        public string email { get; set; }
        public string college { get; set; }
    }
}

```

Index.cshtml

```
@model System.Collections.ArrayList
@{
    ViewBag.Title = "Home Page";
}
@*
    Hello:@ViewBag.name.ToUpper()
    Name: @ViewBag.student[0]
    <br />
    Mobile No : @ViewBag.student[1]
    <br />
    Email: @ViewBag.student[2]
    <br />
    Course: @ViewBag.student[3]
    <br />
*@
Name: @Model[0]<br/>
Mobile No : @Model[1]
<br />
Email: @Model[2]
<br />
Course: @Model[3]
```

About.cshtml

```
@model WebApplication7.Models.StudentModel
@{
    ViewBag.Title = "About";
}
Name : @Model.name<br/>
Mobile Number : @Model.mobilenumber<br/>
Email Id : @Model.email<br/>
College : @Model.college
```

Contact.cshtml

Table in c#

```
@using WebApplication7.Models
@model List<WebApplication7.Models.StudentModel>
@{
    ViewBag.Title = "Contact";
}
<style>
    table, th, td {
        border:1px solid black;
        text-align:center;
    }
</style>
```



```

    }
</style>
<table style="width:100%;">
    <tr>
        <th>Name</th>
        <th>Mobile Number</th>
        <th>Email</th>
        <th>College</th>
    </tr>
    @foreach(StudentModel s in Model)
    {
        <tr>
            <td>@s.name</td>
            <td>@s.mobileno</td>
            <td>@s.email</td>
            <td>@s.college</td>
        </tr>
    }
</table>

```

SQL CONNECTION & INSERT

HomeController.cs

```

using System;
using System.Collections.Generic;
using System.Data.SqlClient;
using System.Linq;
using System.Web;
using System.Web.Helpers;
using System.Web.Mvc;
using System.Xml.Linq;
using WebApplication6.Models;
using System.Data.SqlClient;
using System.Net;

namespace WebApplication6.Controllers
{
    public class HomeController : Controller
    {
        SqlConnection con = new SqlConnection("Data Source=DESKTOP-9PRSHUE\\SQLEXPRESS01;Initial Catalog=MyAdd;Integrated Security=True;Encrypt=False");

        public ActionResult Index()
        {
            return View();
        }
    }
}

```

```

[HttpPost]
public ActionResult Index(IndexModel obj)
{
    SqlCommand cmd = new SqlCommand($"insert into Register
values('{obj.fname}','{obj.lname}','{obj.email}','{obj.password}')"
, con);

    con.Open();
    int res=cmd.ExecuteNonQuery();
    con.Close();
    if (res > 0)
    {
        ViewBag.msg = "Record Added Succesfully";
    }
    else
    {
        ViewBag.msg = "Record Not Added";
    }
    return View();
    /*
    if (res > 0)
    {
        return Content("<script>alert('Record
added');location.href='/home/index'</script>");
    }
    else
    {
        return Content("<script>alert('Record Not
added')</script>");
    }
    */
}

/*
public ActionResult FormData(string fname,string lname, string
email,string pass, string cpass)
{
    return Content($"<h1>First Name : {fname}</h1><br/><h1>Last
Name : {lname}</h1><br/><h1>Email : {email}</h1><br/><h1>Password :
{pass}</h1><br/><h1>Confirm Passsword : {cpass}</h1>");
}
*/
public ActionResult Job()
{
    return View();
}
[HttpPost]
public ActionResult Job(JobModel data)
{
    SqlCommand cmd = new SqlCommand($"insert into Job
values('{data.name}','{data.email}','{data.mobileno}','{data.position}')"
, con);

    con.Open();
    cmd.ExecuteNonQuery();
}

```

```

        con.Close();
        return Content($"<h1>Full Name :
{data.name}</h1><br/><h1>Address : {data.email}</h1><br/><h1>Mobile
Number : {data.mobilenumber}</h1><br/><h1>Position applied :
{data.position}</h1>");
    }

    /*
    public ActionResult JobData(string name, string address, long? mobno,
string pos)
    {
        return Content($"<h1>Full Name : {name}</h1><br/><h1>Address :
{address}</h1><br/><h1>Mobile Number : {mobno}</h1><br/><h1>Position
applied : {pos}</h1>");
    }

    */

    public ActionResult Register()
    {
        return View();
    }
    [HttpPost]
    public ActionResult Register(RegisterModel res)
    {
        SqlCommand cmd = new SqlCommand($"insert into Registration
values('{res.name}','{res.email}','{res.mobile}','{res.password}'),
con);

        con.Open();
        cmd.ExecuteNonQuery();
        con.Close();
        return Content($"<script>alert('Your Name is {res.name} Email
is {res.email} Phone Number is {res.mobile} Password is
{res.password}')</script>" +
            $"<h3>Your name is : {res.name}</h3><br/><h3>Email is :
{res.email}</h3><br/><h3>Phone Number is :
{res.mobile}</h3><br/><h3>Password is : {res.password}</h3>");
    }

    /*
    public ActionResult RegisterData(string name, string email, long?
mob, string pas)
    {
        return Content($"<script>alert('Your Name is {name} Email is
{email} Phone Number is {mob} Password is {pas}')</script>" +
            $"<h3>Your name is : {name}</h3><br/><h3>Email is :
{email}</h3><br/><h3>Phone Number is : {mob}</h3><br/><h3>Password is :
{pas}</h3>");
    }

    */
    public ActionResult Form()
    {
        return View();
    }
    [HttpPost]

```

```

        public ActionResult Form(FormModel form)
        {
            SqlCommand cmd = new SqlCommand($"insert into Form
values('{form.fname}','{form.mname}','{form.lname}','{form.gender}','{for
m.code}','{form.mobile}','{form.email}')" , con);
            con.Open();
            cmd.ExecuteNonQuery();
            con.Close();
            return Content($"<script>alert('Your Name is {form.fname} + '
' + form.mname + ' ' + form.lname} Gender is {form.gender} Phone Number
is {form.code} + form.mobile} Email is {form.email}')</script>" +
                $"<h3>Your name is : {form.fname} + ' ' + form.mname + ' '
+ form.lname}</h3><br/><h3>Gender is : {form.gender}</h3><br/><h3>Phone
Number is : {form.code} + form.mobile}</h3><br/><h3>Email is :
{form.email}</h3>");
        }

        /*
        public ActionResult RegistrationData(string fname, string mname,
string lname, string gender, string code, long? mob, string email)
        {
            return Content($"<script>alert('Your Name is {fname}+'
'+mname+' '+lname} Gender is {gender} Phone Number is {code+mob} Email is
{email}')</script>" +
                $"<h3>Your name is : {fname}+' '+mname+'
'+lname}</h3><br/><h3>Gender is : {gender}</h3><br/><h3>Phone Number is :
{code+mob}</h3><br/><h3>Email is : {email}</h3>");
        }

        */
    }
}

```

Index.cshtml

```

@{
    Layout = null;
}

<!DOCTYPE html>

<html>
<head>
    <link href="~/Content/css/bootstrap.css" rel="stylesheet" />
    <link href="~/Content/css/all.css" rel="stylesheet" />
    <meta name="viewport" content="width=device-width" />
    <title>Register</title>
    <style>
        .bor {
            border: 5px solid #779BCF;
            text-align: center;
            background: #f2f3f7;
        }
    </style>

```



```
</html>
```

Job.cshtml

```
@{
    Layout = null;
}

<!DOCTYPE html>

<html>
<head>
    <link href="~/Content/css/bootstrap.css" rel="stylesheet" />
    <link href="~/Content/css/all.css" rel="stylesheet" />
    <meta name="viewport" content="width=device-width" />
    <title>Job</title>
    <style>
        .bg {
            background: #72b7f4;
        }
        .b {
            background: #bfd7f7;
        }
        .no {
            height: 40px;
            width: 200px;
            background: #1a73e8;
            color: white;
            border: none;
            border-radius: 5px;
        }
        .ic {
            margin-left: 95%;
            position: relative;
            bottom: 30px;
        }
    </style>
</head>
<body>
    <div class="container">
        <div class="row">
            <div class="col-sm-6 mx-auto mt-5 bg p-3">
                <h3 class="text-center">Job Application Registration</h3>
                <div class="row">
                    <div class="col-sm-12 b p-3">
                        <form method="post">
                            <span class="mt-3">Full Name:</span><br />
                            <input type="text" name="name" class="form-
control mt-3" />
                            <span class="mt-3">Email Address:</span><br />
                            <input type="email" name="email" class="form-
control mt-3" />
                        </form>
                    </div>
                </div>
            </div>
        </div>
    </div>
</body>
</html>
```

```

        <span class="mt-3">Phone Number:</span><br />
        <input type="number" name="mobilenno"
class="form-control mt-3" />
        <span class="mt-3">Position Applied:</span>
        <select name="position" class="form-control
mt-3">
            <option>Select Position</option>
            <option>Developer</option>
            <option>Designer</option>
            <option>Tester</option>
        </select><i class="fa-solid fa-caret-down
ic"></i>
        <input type="submit" value="Submit
Application" class="no mt-3" />
    </form>
</div>
</div>
</div>
</div>
</div>
</body>
</html>

```

IndexModel.cs

```

using System;
using System.Collections.Generic;
using System.Linq;
using System.Web;

namespace WebApplication6.Models
{
    public class IndexModel
    {
        public string fname { get; set; }
        public string lname { get; set; }
        public string email { get; set; }
        public string password { get; set; }
    }
}

```

JobModel.cs

```

using System;
using System.Collections.Generic;
using System.Linq;
using System.Web;

namespace WebApplication6.Models
{

```

```

public class JobModel
{
    public string name { get; set; }
    public string email { get; set; }
    public long mobileno { get; set; }
    public string position { get; set; }
}
}

```

SQL TABLE SHOW IN VIEW

HomeController.cs

```

using System;
using System.Collections.Generic;
using System.Linq;
using System.Web;
using System.Web.Mvc;
using WebApplication8.Models;
using System.Data.SqlClient;
using System.Data;

namespace WebApplication8.Controllers
{
    public class HomeController : Controller
    {
        SqlConnection con = new SqlConnection("Data Source=DESKTOP-9PRSHUE\\SQLEXPRESS01;Initial Catalog=MyAdd;Integrated Security=True;Encrypt=False");

        public ActionResult Index()
        {
            return View();
        }
        [HttpPost]
        public ActionResult Index(StudentModel obj)
        {
            SqlCommand cmd = new SqlCommand($"insert into MyAdd values('{obj.Name}','{obj.Gender}','{obj.Qualification}')" , con);
            con.Open();
            cmd.ExecuteNonQuery();
            con.Close();

            return View(obj);
        }

        public ActionResult About()
        {
            SqlCommand cmd = new SqlCommand("sp_SelectStudents",con);

```



```

        cmd.CommandType = System.Data.CommandType.StoredProcedure;

        DataTable dt = new DataTable();
        SqlDataAdapter sda = new SqlDataAdapter(cmd);
        sda.Fill(dt);
        /*
        foreach (DataRow row in dt.Rows)
        {
            int sr = Convert.ToInt32(row[0]);
        }
        foreach (DataColumn col in dt.Columns)
        {
        }
        */

        return View(dt);
    }

    public ActionResult Contact()
    {
        ViewBag.Message = "Your contact page.";

        return View();
    }

    [HttpPost]
    public ActionResult AddStudent(StudentModel s)
    {
        SqlCommand sqlCommand = new SqlCommand("sp_AddStudent", con);
        sqlCommand.CommandType =
System.Data.CommandType.StoredProcedure;
        sqlCommand.Parameters.AddWithValue("@Name", s.Name);
        sqlCommand.Parameters.AddWithValue("@Gender", s.Gender);
        sqlCommand.Parameters.AddWithValue("@qualification",
s.Qualification);

        con.Open();
        int res = sqlCommand.ExecuteNonQuery();
        con.Close();

        if (res > 0)
        {
            ViewBag.msg = "Record added";
        }
        else
        {
            ViewBag.msg = "Record Not added";
        }
        return View("Index");
    }
}
}

```

Index.cshtml

[illegible]

StudentModel.cs

```
using System;
using System.Collections.Generic;
using System.Linq;
using System.Web;

namespace WebApplication8.Models
{
    public class StudentModel
    {
        public string Name { get; set; }
        public string Qualification { get; set; }
        public string Gender { get; set; }
    }
}
```

About.cshtml

```

@model System.Data.DataTable
@{
    ViewBag.Title = "About";
}

<table class="table-bordered table">
    <thead>
        <tr>
            <td>SR</td>
            <td>Name</td>
            <td>Gender</td>
            <td>Qualification</td>
        </tr>
    </thead>
    <tbody>
        @if(Model!=null)
        {
            foreach(System.Data.DataRow row in Model.Rows)
            {
                <tr>
                    <td>@row[0]</td>
                    <td>@row[1]</td>
                    <td>@row[2]</td>
                    <td>@row[3]</td>
                </tr>
            }
        }
    </tbody>
</table>

```

CRUD OPERATION

HomeController.cs

```

using System;
using System.Collections.Generic;
using System.Data;
using System.Data.SqlClient;
using System.Linq;
using System.Web;
using System.Web.Helpers;
using System.Web.Mvc;
using WebApplication14.Models;

```

```

namespace WebApplication14.Controllers
{
    public class HomeController : Controller
    {
        SqlConnection con = new SqlConnection("Data Source=DESKTOP-
9PRSHUE\\SQLEXPRESS01;Initial Catalog=exersice_31;Integrated
Security=True;");
        // GET: Home
        public ActionResult Index(int? id)
        {
            if (id.HasValue)
            {
                SqlCommand command = new SqlCommand("sp_delcrud", con);
                command.CommandType =
System.Data.CommandType.StoredProcedure;
                command.Parameters.AddWithValue("@sr", id);

                con.Open();
                command.ExecuteNonQuery();
                con.Close();
            }
            SqlCommand cmd = new SqlCommand("sp_selcrud", con);
            cmd.CommandType = System.Data.CommandType.StoredProcedure;
            DataTable dt = new DataTable();
            SqlDataAdapter sda = new SqlDataAdapter(cmd);

            sda.Fill(dt);

            return View(dt);
        }
        [HttpPost]
        public ActionResult Index(IndexModel s)
        {
            SqlCommand cmd = new SqlCommand("sp_addthis", con);
            cmd.CommandType = System.Data.CommandType.StoredProcedure;
            cmd.Parameters.AddWithValue("@firstname", s.firstname);
            cmd.Parameters.AddWithValue("@lastname", s.lastname);
            cmd.Parameters.AddWithValue("@gender", s.gender);
            cmd.Parameters.AddWithValue("@age", s.age);
            cmd.Parameters.AddWithValue("@dob", s.dob);
            cmd.Parameters.AddWithValue("@email", s.email);
            cmd.Parameters.AddWithValue("@password", s.password);
            cmd.Parameters.AddWithValue("@mcode", s.mcode);
            cmd.Parameters.AddWithValue("@mobile", s.mobile);
            cmd.Parameters.AddWithValue("@address", s.address);
            cmd.Parameters.AddWithValue("@state", s.state);
            cmd.Parameters.AddWithValue("@pincode", s.pincode);
            cmd.Parameters.AddWithValue("@music", s.music);
            cmd.Parameters.AddWithValue("@movies", s.movies);
            cmd.Parameters.AddWithValue("@sports", s.sports);
            cmd.Parameters.AddWithValue("@travel", s.travel);

            con.Open();
            cmd.ExecuteNonQuery();
            con.Close();
        }
    }
}

```

```

        return RedirectToAction("Index");
    }

    public ActionResult EditForm(int? id)
    {
        if (id == null)
        {
            return Content("<script>alert('Please Try to Correct  
Way!');location.href='/home/index'</script>");
        }
        else
        {

            SqlCommand cmd = new SqlCommand("sp_selonecrud", con);
            cmd.CommandType = CommandType.StoredProcedure;
            cmd.Parameters.AddWithValue("@sr", id);

            DataTable dt = new DataTable();
            SqlDataAdapter sda = new SqlDataAdapter(cmd);
            sda.Fill(dt);

            if (dt.Rows.Count > 0)
            {
                return View(dt.Rows[0]);
            }
            else
            {
                return Content("<script>alert('Error occured.try  
again')</script>");
            }
        }
    }

    [HttpPost]
    public ActionResult EditForm(IndexModel s)
    {
        SqlCommand cmd = new SqlCommand("sp_updatecrud", con);
        cmd.CommandType = System.Data.CommandType.StoredProcedure;
        cmd.Parameters.AddWithValue("@sr", s.sr);
        cmd.Parameters.AddWithValue("@firstname", s.firstname);
        cmd.Parameters.AddWithValue("@lastname", s.lastname);
        cmd.Parameters.AddWithValue("@gender", s.gender);
        cmd.Parameters.AddWithValue("@age", s.age);
        cmd.Parameters.AddWithValue("@dob", s.dob);
        cmd.Parameters.AddWithValue("@email", s.email);
        cmd.Parameters.AddWithValue("@password", s.password);
        cmd.Parameters.AddWithValue("@mcode", s.mcode);
        cmd.Parameters.AddWithValue("@mobile", s.mobile);
        cmd.Parameters.AddWithValue("@address", s.address);
        cmd.Parameters.AddWithValue("@state", s.state);
        cmd.Parameters.AddWithValue("@pincode", s.pincode);
        cmd.Parameters.AddWithValue("@music", s.music);
        cmd.Parameters.AddWithValue("@movies", s.movies);
        cmd.Parameters.AddWithValue("@sports", s.sports);
        cmd.Parameters.AddWithValue("@travel", s.travel);
    }

```

```
        con.Open();
        cmd.ExecuteNonQuery();
        con.Close();

        return RedirectToAction("Index");
    }
}
```

Index.cshtml

```
@model System.Data.DataTable

@{
    ViewBag.Title = "Index";
}

<html>

<head>

<link href="~/Content/css/bootstrap.css" rel="stylesheet" />

<link href="~/Content/css/all.css" rel="stylesheet" />

<style>

.t {

    color:red;

}

.chk {

    font-size:15px;

}

.bt {

    height:35px;

    width:85%;

    border:none;

    background:linear-gradient(30deg,#e51f56,#5e2674);

    margin-top:45%;

    color:white;
```

```
        font-size:18px;
    }
</style>
</head>
<body>
    <div class="row">
        <div class="col-sm-5 mx-auto bg-info mt-5 p-4">
            <div class="row">
                <div class="col-sm-12 mx-auto p-3 pb-4 bg-light border border-2 border-danger">
                    <h3 class="text-center t mt-3">STUDENT REGISTRATION FORM</h3>
                    <form method="post">
                        <div class="row">
                            <div class="col-sm-4 mt-3">
                                <h6 class="text-danger">First Name</h6>
                            </div>
                            <div class="col-sm-8 mt-3">
                                <input type="text" placeholder="Enter First Name" class="form-control border-danger border-1" name="firstname" />
                            </div>
                        </div>
                    </div>
                    <div class="row">
                        <div class="col-sm-4 mt-3">
                            <h6 class="text-danger">Last Name</h6>
                        </div>
                        <div class="col-sm-8 mt-3">
                            <input type="text" placeholder="Enter Last Name" class="form-control border-danger border-1" name="lastname" />
                        </div>
                    </div>
                    <div class="row">
                        <div class="col-sm-4 mt-3">
                            <h6 class="text-danger">Gender</h6>
                        </div>
                    </div>
                </div>
            </div>
        </div>
    </div>
</body>
</html>
```

```
</div>

<div class="col-sm-8 mt-3">

    <input type="radio" name="gender" value="Male" class="ms-3" /> Male

    <input type="radio" name="gender" value="Female" class="ms-3" /> Female

</div>

</div>

<div class="row">

    <div class="col-sm-4 mt-3">

        <h6 class="text-danger">Age</h6>

    </div>

    <div class="col-sm-8 mt-3">

        <input type="number" placeholder="Enter your age" class="form-control border-danger
border-1" name="age" />

    </div>

</div>

<div class="row">

    <div class="col-sm-4 mt-3">

        <h6 class="text-danger">Date of Birth</h6>

    </div>

    <div class="col-sm-8 mt-3">

        <input type="date" class="form-control border-danger border-1" name="dob" />

    </div>

</div>

<div class="row">

    <div class="col-sm-4 mt-3">

        <h6 class="text-danger">Email Address</h6>

    </div>

    <div class="col-sm-8 mt-3">

        <input type="email" placeholder="Enter your email" class="form-control border-danger
border-1" name="email" />

    </div>

</div>
```



```
</div>
```

```
<div class="row">
```

```
  <div class="col-sm-4 mt-3">
```

```
    <h6 class="text-danger">Password</h6>
```

```
  </div>
```

```
  <div class="col-sm-8 mt-3">
```

```
    <input type="password" placeholder="Enter Your Password" class="form-control border-  
danger border-1" name="password" />
```

```
  </div>
```

```
</div>
```

```
<div class="row">
```

```
  <div class="col-sm-4 mt-3">
```

```
    <h6 class="text-danger">Confirm Password</h6>
```

```
  </div>
```

```
  <div class="col-sm-8 mt-3">
```

```
    <input type="text" placeholder="Confirm Password" class="form-control border-danger  
border-1" name="cpassword" />
```

```
  </div>
```

```
</div>
```

```
<div class="row">
```

```
  <div class="col-sm-4 mt-3">
```

```
    <h6 class="text-danger">Phone Number</h6>
```

```
  </div>
```

```
  <div class="col-sm-8 mt-3">
```

```
    <div class="row">
```

```
      <div class="col-sm-3">
```

```
        <select name="mcode" class="form-control border-black border-1">
```

```
          <option>+91</option>
```

```
          <option>+92</option>
```

```
          <option>+1</option>
```

```
          <option>+99</option>
```

```
          <option>+87</option>
```

```
        </select>
```

</div>

<div class="col-sm-9"> <input type="number" placeholder="Enter your phone number"
class="form-control border-danger border-1" name="mobile" /></div>

</div>

</div>

</div>

<div class="row">

<div class="col-sm-4 mt-3">

<h6 class="text-danger">Address</h6>

</div>

<div class="col-sm-8 mt-3">

<textarea class="form-control border-danger border-1" name="address">Enter your
address</textarea>

</div>

</div>

<div class="row">

<div class="col-sm-4 mt-3">

<h6 class="text-danger">State</h6>

</div>

<div class="col-sm-8 mt-3">

<select name="state" class="form-control border-danger border-1">

<option>--Select your state--</option>

<option>Uttar Pradesh</option>

<option>Madhya Pradesh</option>

<option>Bihar</option>

<option>Asam</option>

<option>Panjab</option>

<option>Hariyana</option>

</select>

</div>

</div>

<div class="row">

<div class="col-sm-4 mt-3">

```
        <h6 class="text-danger">Pin Code</h6>

    </div>

    <div class="col-sm-8 mt-3">

        <input type="number" placeholder="Pin Code" class="form-control border-danger border-
1" name="pincode" />

    </div>

</div>

<div class="row">

    <div class="col-sm-2 mt-3">

        <h6 class="text-danger">Hobbies</h6>

    </div>

    <div class="col-sm-10 mt-3">

        <input type="checkbox" name="music" value="Music" class="ms-4"/> <b class="text-
danger">Music</b>

        <input type="checkbox" name="movies" value="Movies" class="ms-4"/> <b class="text-
danger">Movies</b>

        <input type="checkbox" name="sports" value="Sports" class="ms-4"/> <b class="text-
danger">Sports</b>

        <input type="checkbox" name="travel" value="Travels" class="ms-4"/> <b class="text-
danger">Travels</b>

    </div>

</div>

<div>

    <input type="checkbox" name="privacy" class="border-danger border-1 mt-5"
value="privacy"/> <span class="chk">I hereby declare that the above information provided is true and
correct.</span>

</div>

<div class="row">

    <div class="col-sm-6">

        <input type="submit" value="Register" class="bt ms-4"/>

    </div>

    <div class="col-sm-6">
```

```
        <input type="reset" value="Reset" class="bt">
    </div>
</div>
</form>
</div>
</div>
</div>
</div>
```

```
@if (Model != null)
```

```
{
```

```
    <table class="table-bordered table">
        <thead>
            <tr>
                <td>Sr</td>
                <td>First Name</td>
                <td>Last Name</td>
                <td>Gender</td>
                <td>Age</td>
                <td>Date of Birth</td>
                <td>Email Address</td>
                <td>Password</td>
                <td colspan="2">Phone Number</td>
                <td>Address</td>
                <td>State</td>
                <td>Pin Code</td>
                <td colspan="4">Hobbies</td>
                <td>Action</td>
            </tr>
        </thead>
        @{ int i = 1;}
        @foreach(System.Data.DataRow row in Model.Rows)
```

```
{
```

```
<tbody>
```

```
<tr>
```

```
<td>@i</td>
```

```
<td>@row["firstname"]</td>
```

```
<td>@row["lastname"]</td>
```

```
<td>@row["gender"]</td>
```

```
<td>@row["age"]</td>
```

```
<td>@row["dob"]</td>
```

```
<td>@row["email"]</td>
```

```
<td>@row["password"]</td>
```

```
<td>@row["mcode"]</td>
```

```
<td>@row["mobile"]</td>
```

```
<td>@row["address"]</td>
```

```
<td>@row["state"]</td>
```

```
<td>@row["pincode"]</td>
```

```
<td>@row["music"]</td>
```

```
<td>@row["movies"]</td>
```

```
<td>@row["sports"]</td>
```

```
<td>@row["travel"]</td>
```

```
<td><a href="/home/editform/@row["sr"]">Edit</a> |
```

```
<a href="/home/index/@row["sr"]"> Delete</a></td>
```

```
</tr>
```

```
</tbody>
```

```
{ i = i + 1; }
```

```
}
```

```
</table>
```

```
}
```

```
else
```

```
{
```

```
<script>

    alert("Error Occured")

</script>

}

</body>

</html>
```

IndexModel.cs

```
using System;
using System.Collections.Generic;
using System.Linq;
using System.Web;

namespace WebApplication14.Models
{
    public class IndexModel
    {
        public int sr { get; set; }
        public string firstname { get; set; }
        public string lastname { get; set; }
        public string gender { get; set; }
        public int age { get; set; }
        public DateTime dob { get; set; }
        public string email { get; set; }
        public string password { get; set; }
        public string cpassword { get; set; }
        public string mcode { get; set; }
        public long mobile { get; set; }
        public string address { get; set; }
        public string state { get; set; }
        public long pincode { get; set; }
        public string music { get; set; }
        public string movies { get; set; }
        public string sports { get; set; }
        public string travel { get; set; }
    }
}
```

EditForm.cshtml

```

@model System.Data.DataRow
@{
    ViewBag.Title = "EditForm";
}
<html>
<head>
    <link href="~/Content/css/bootstrap.css" rel="stylesheet" />
    <link href="~/Content/css/all.css" rel="stylesheet" />
    <style>
        .t {
            color: red;
        }

        .chk {
            font-size: 15px;
        }

        .bt {
            height: 35px;
            width: 85%;
            border: none;
            background: linear-gradient(30deg,#e51f56,#5e2674);
            margin-top: 45%;
            color: white;
            font-size: 18px;
        }
    </style>
</head>
<body>
    <div class="row">
        <div class="col-sm-5 mx-auto bg-info mt-5 p-4">
            <div class="row">

```

```

        <div class="col-sm-12 mx-auto p-3 pb-4 bg-light border
border-2 border-danger">
FORM</h3>
        <h3 class="text-center t mt-3">STUDENT CORREPTION/EDIT
FORM</h3>
        <form method="post">
            <div class="row">
                <div class="col-sm-4 mt-3">
                    <h6 class="text-danger">SR</h6>
                </div>
                <div class="col-sm-8 mt-3">
                    <input type="number" readonly class="form-
control border-danger border-1" name="sr" value="@Model["sr"]" />
                </div>
            </div>
            <div class="row">
                <div class="col-sm-4 mt-3">
                    <h6 class="text-danger">First Name</h6>
                </div>
                <div class="col-sm-8 mt-3">
                    <input type="text" placeholder="Enter First
Name" class="form-control border-danger border-1" name="firstname"
value="@Model["firstname"]" />
                </div>
            </div>
            <div class="row">
                <div class="col-sm-4 mt-3">
                    <h6 class="text-danger">Last Name</h6>
                </div>
                <div class="col-sm-8 mt-3">
                    <input type="text" placeholder="Enter Last
Name" class="form-control border-danger border-1" name="lastname"
value="@Model["lastname"]" />
                </div>
            </div>
            <div class="row">

```



```

        <div class="col-sm-4 mt-3">
            <h6 class="text-danger">Gender</h6>
        </div>
        <div class="col-sm-8 mt-3">
            @if
(Model["gender"].ToString().Equals("Male"))
            {
                <input type="radio" name="gender"
value="Male" class="ms-3" checked />
            }
            else
            {
                <input type="radio" name="gender"
value="Male" class="ms-3" />
            }
            Male
            @if
(Model["gender"].ToString().Equals("Female"))
            {
                <input type="radio" name="gender"
value="Female" class="ms-3" checked />
            }
            else
            {
                <input type="radio" name="gender"
value="Female" class="ms-3" />
            }
            Female
        </div>
    </div>
    <div class="row">
        <div class="col-sm-4 mt-3">
            <h6 class="text-danger">Age</h6>
        </div>
        <div class="col-sm-8 mt-3">

```

```
                <input type="number" placeholder="Enter
your age" class="form-control border-danger border-1" name="age"
value="@Model["age"]" />
```

```
            </div>
```

```
        </div>
```

```
        <div class="row">
```

```
            <div class="col-sm-4 mt-3">
```

```
                <h6 class="text-danger">Date of Birth</h6>
```

```
            </div>
```

```
            <div class="col-sm-8 mt-3">
```

```
                <input type="date" class="form-control
border-danger border-1" name="dob"
value="@Convert.ToDateTime(Model["dob"]).ToString("yyyy-MM-dd")" />
```

```
            </div>
```

```
        </div>
```

```
        <div class="row">
```

```
            <div class="col-sm-4 mt-3">
```

```
                <h6 class="text-danger">Email Address</h6>
```

```
            </div>
```

```
            <div class="col-sm-8 mt-3">
```

```
                <input type="email" placeholder="Enter your
email" class="form-control border-danger border-1" name="email"
value="@Model["email"]" />
```

```
            </div>
```

```
        </div>
```

```
        <div class="row">
```

```
            <div class="col-sm-4 mt-3">
```

```
                <h6 class="text-danger">Password</h6>
```

```
            </div>
```

```
            <div class="col-sm-8 mt-3">
```

```
                <input type="password" placeholder="Enter
Your Password" class="form-control border-danger border-1" name="password"
value="@Model["password"]" />
```

```
            </div>
```

```

        </div>
        <div class="row">
            <div class="col-sm-4 mt-3">
                <h6 class="text-danger">Confirm
Password</h6>
            </div>
            <div class="col-sm-8 mt-3">
                <input type="text" placeholder="Confirm
Password" class="form-control border-danger border-1" name="cpassword"
value="@Model["password"]" />
            </div>
        </div>
        <div class="row">
            <div class="col-sm-4 mt-3">
                <h6 class="text-danger">Phone Number</h6>
            </div>
            <div class="col-sm-8 mt-3">
                <div class="row">
                    <div class="col-sm-3">
                        <select name="mcode" class="form-
control border-black border-1">
                            @if
(Model["mcode"].ToString().Equals("+91"))
                            {
                                <option
selected>+91</option>
                            }
                            else
                            {
                                <option>+91</option>
                            }
                            @if
(Model["mcode"].ToString().Equals("+92"))
                            {
                                <option
selected>+92</option>

```

```

}
else
{
    <option>+92</option>
}
@if
(Model["mcode"].ToString().Equals("+1"))
{
    <option
selected>+1</option>

}
else
{
    <option>+1</option>
}
@if
(Model["mcode"].ToString().Equals("+99"))
{
    <option
selected>+99</option>

}
else
{
    <option>+99</option>
}
@if
(Model["mcode"].ToString().Equals("+87"))
{
    <option
selected>+87</option>

}
else
{
    <option>+87</option>
}

```

```

        </select>
    </div>

    <div class="col-sm-9"> <input
type="number" placeholder="Enter your phone number" class="form-control
border-danger border-1" name="mobile" value="@Model["mobile"]" /></div>

    </div>
</div>
</div>
<div class="row">
    <div class="col-sm-4 mt-3">
        <h6 class="text-danger">Address</h6>
    </div>
    <div class="col-sm-8 mt-3">
        <textarea class="form-control border-danger
border-1" name="address">@Model["address"]</textarea>
    </div>
</div>
<div class="row">
    <div class="col-sm-4 mt-3">
        <h6 class="text-danger">State</h6>
    </div>
    <div class="col-sm-8 mt-3">
        <select name="state" class="form-control
border-danger border-1">
            <option>--Select your state--</option>
            @if
(Model["state"].ToString().Trim().Equals("Uttar Pradesh"))
            {
                <option selected>Uttar
Pradesh</option>
            }
            else
            {
                <option>Uttar Pradesh</option>
            }
        </select>
    </div>
</div>

```

```

                                @if
(Model["state"].ToString().Trim().Equals("Madhya Pradesh"))
                                {
                                <option selected>Madhya
Pradesh</option>
                                }
                                else
                                {
                                <option>Madhya Pradesh</option>
                                }
                                @if
(Model["state"].ToString().Trim().Equals("Bihar"))
                                {
                                <option selected>Bihar</option>
                                }
                                else
                                {
                                <option>Bihar</option>
                                }
                                @if
(Model["state"].ToString().Trim().Equals("Asam"))
                                {
                                <option selected>Asam</option>
                                }
                                else
                                {
                                <option>Asam</option>
                                }
                                @if
(Model["state"].ToString().Trim().Equals("Panjab"))
                                {
                                <option selected>Panjab</option>
                                }
                                else
                                {

```

```

                <option>Panjab</option>
            }
            @if
(Model["state"].ToString().Trim().Equals("Hariyana"))
            {
                <option selected>Hariyana</option>
            }
            else
            {
                <option>Hariyana</option>
            }

        </select>
    </div>
</div>
<div class="row">
    <div class="col-sm-4 mt-3">
        <h6 class="text-danger">Pin Code</h6>
    </div>
    <div class="col-sm-8 mt-3">
        <input type="number" placeholder="Pin Code"
class="form-control border-danger border-1" name="pincode"
value="@Model["pincode"]" />
    </div>
</div>
<div class="row">
    <div class="col-sm-2 mt-3">
        <h6 class="text-danger">Hobbies</h6>
    </div>
    <div class="col-sm-10 mt-3">
        @if
(Model["music"].ToString().Trim().Equals("Music"))
        {

```

```

        <input type="checkbox" name="music"
checked value="Music" class="ms-4" /> <b class="text-danger">Music</b>

    }
    else
    {
        <input type="checkbox" name="music"
value="Music" class="ms-4" /> <b class="text-danger">Music</b>

    }

    @if
(Model["movies"].ToString().Trim().Equals("Movies"))
    {
        <input type="checkbox" checked
name="movies" value="Movies" class="ms-4" /> <b class="text-
danger">Movies</b>

    }
    else
    {
        <input type="checkbox" name="movies"
value="Movies" class="ms-4" /> <b class="text-danger">Movies</b>

    }

    @if
(Model["sports"].ToString().Trim().Equals("Sports"))
    {
        <input type="checkbox" name="sports"
value="Sports" class="ms-4" checked /> <b class="text-danger">Sports</b>

    }
    else
    {
        <input type="checkbox" name="sports"
value="Sports" class="ms-4" /> <b class="text-danger">Sports</b>

```



```

        }

        @if
(Model["travel"].ToString().Trim().Equals("Travels"))
        {
            <input type="checkbox" checked
name="travel" value="Travels" class="ms-4" /> <b class="text-
danger">Travels</b>

        }

        else
        {
            <input type="checkbox" name="travel"
value="Travels" class="ms-4" /> <b class="text-danger">Travels</b>

        }
    </div>
</div>
<div>
        <input type="checkbox" name="privacy"
class="border-danger border-1 mt-5" value="privacy" /> <span class="chk">I
hereby declare that the above information provided is true and
correct.</span>

    </div>

    <div class="row">
        <div class="col-sm-6">
            <input type="submit" value="Update"
class="bt ms-4" />

        </div>
        <div class="col-sm-6">
            <input type="reset" value="Reset"
class="bt">

        </div>
    </div>
</form>
</div>

```

```
        </div>
    </div>
</div>
</body>
</html>
```

FORM AUTHENTICATION

HomeController.cs

```
using System;
using System.Collections.Generic;
using System.Data;
using System.Data.SqlClient;
using System.Linq;
using System.Web;
using System.Web.Mvc;
using System.Web.Security;
using WebApplication17.Models;

namespace WebApplication17.Controllers
{
    [Authorize]
    public class HomeController : Controller
    {
        SqlConnection con = new SqlConnection("Data Source=DESKTOP-9PRSHUE\\SQLEXPRESS01;Initial Catalog=tbl_auth;Integrated Security=True;");
        [AllowAnonymous]
        public ActionResult Index()
        {
            return View();
        }
        [HttpPost, AllowAnonymous]
        public ActionResult Index(FormModel s)
        {
            SqlCommand cmd = new SqlCommand("sp_auth", con);
            cmd.CommandType = System.Data.CommandType.StoredProcedure;
            cmd.Parameters.AddWithValue("@name", s.name);
            cmd.Parameters.AddWithValue("@gender", s.gender);
```

```

        cmd.Parameters.AddWithValue("@qualification",
s.qualification);
        cmd.Parameters.AddWithValue("@mobile", s.mobile);
        cmd.Parameters.AddWithValue("@email", s.email);
        cmd.Parameters.AddWithValue("@password", s.password);
        cmd.Parameters.AddWithValue("@address", s.address);

        con.Open();
        cmd.ExecuteNonQuery();
        con.Close();

        return RedirectToAction("Index");
    }
    [AllowAnonymous]
    public ActionResult Login()
    {
        return View();
    }
    [HttpPost, AllowAnonymous]
    public ActionResult Login(string email, string password)
    {
        SqlCommand cmd = new SqlCommand("sp_login", con);
        cmd.CommandType = System.Data.CommandType.StoredProcedure;
        cmd.Parameters.AddWithValue("@email", email);
        cmd.Parameters.AddWithValue("@password", password);

        DataTable dt = new DataTable();
        SqlDataAdapter sda = new SqlDataAdapter(cmd);
        sda.Fill(dt);

        if (dt.Rows.Count > 0)
        {
            Session["name"] = dt.Rows[0]["name"];
            Session["password"] = dt.Rows[0]["password"].ToString();
            FormsAuthentication.SetAuthCookie(email, false);
            return Content("<script>alert('Logged
in');location.href='/home/data'</script>");
        }
        else
        {
            return Content("<script>alert('Invalid
Userid');location.href='/home/login'</script>");
        }
    }
    public ActionResult Data()
    {
        SqlCommand cmd = new SqlCommand("sp_data", con);
        cmd.CommandType = CommandType.StoredProcedure;

        DataTable dt = new DataTable();
        SqlDataAdapter sda = new SqlDataAdapter(cmd);
        sda.Fill(dt);

        return View(dt);
    }

```

```

    }
    public ActionResult ChangePassword()
    {
        return View();
    }
    [HttpPost]
    public ActionResult ChangePassword(FormModel s)
    {
        if (s.npass != null && s.rpass != null)
        {
            if (s.opass == Session["password"].ToString() && s.npass
== s.rpass)
            {
                SqlCommand cmd = new SqlCommand("sp_change", con);
                cmd.CommandType = CommandType.StoredProcedure;
                cmd.Parameters.AddWithValue("@npass", s.npass);
                cmd.Parameters.AddWithValue("@opass", s.opass);
                cmd.Parameters.AddWithValue("@email",
User.Identity.Name);

                con.Open();
                cmd.ExecuteNonQuery();
                con.Close();

                return Content("<script>alert('Password Changed
Successfully!');location.href='/home/login'</script>");
            }
            else
            {
                return Content("<script>alert('Password Not
Matched');location.href='/home/changepassword'</script>");
            }
        }
        else
        {
            return Content("<script>alert('Password Not Changed. Try
again!');location.href='/home/changepassword'</script>");
        }
    }
    public ActionResult Logout()
    {
        FormsAuthentication.SignOut();
        return RedirectToAction("Login");
    }
}
}

```

Index.cshtml

```

@{
    ViewBag.Title = "Home Page";
}

```



```

        <span class="ms-3 mt-5">Already a member?<a
href="/home/login" style="text-decoration:none">Login Here</a></span>

```

```

        </div>
    </div>
</div>
</body>
</html>

```

FormModel.cs

```

using System;
using System.Collections.Generic;
using System.Linq;
using System.Web;

namespace WebApplication17.Models
{
    public class FormModel
    {
        public string name { get; set; }
        public string gender { get; set; }
        public string qualification { get; set; }
        public string mobile { get; set; }
        public string email { get; set; }
        public string password { get; set; }
        public string address { get; set; }
        public string opass { get; set; }
        public string npass { get; set; }
        public string rpass { get; set; }
    }
}

```

Data.cshtml

```

@model System.Data.DataTable
@{
    ViewBag.Title = "Data";
}

@if (Model != null)
{

```

```

<table class="table-bordered table">
  <thead>
    <tr>
      <td>Name</td>
      <td>Gender</td>
      <td>Qualification</td>
      <td>Mobile Number</td>
      <td>Email ID</td>
      <td>Password</td>
      <td>Address</td>
      <td>Action</td>
    </tr>
  </thead>
  @foreach(System.Data.DataRow row in Model.Rows)
  {
    if(!User.Identity.Name.Equals(row["email"]))
    {
      <tbody>
        <tr>
          <td>@row["name"]</td>
          <td>@row["gender"]</td>
          <td>@row["qualification"]</td>
          <td>@row["mobile"]</td>
          <td>@row["email"]</td>
          <td>@row["password"]</td>
          <td>@row["address"]</td>
          <td>EDIT | DELETE</td>
        </tr>
      </tbody>
    }
  }
</table>
}

```

Login.cshtml

```

@{
    ViewBag.Title = "Login";
}

<html>
<head>
    <style>
        .b {
            background: blue;
        }
        .bt {
            height: 40px;
        }
    </style>

```

```

        width: 100%;
        border: none;
        background: blue;
    }
</style>

</head>
<body class="b">
    <div class="container">
        <div class="row">
            <div class="col-sm-5 bg-light mx-auto pt-3">
                <div class="text-center">
                    <b class="fs-2">Welcome back!</b><br />
                    <span>Log in to access your account</span>
                </div>
                <form method="post">
                    <input type="email" id="email" class="form-
control mt-3" placeholder="Email Address" name="email" /><br />
                    <input type="password" id="pass" class="form-
control mt-3" placeholder="Password" name="password" /><br />
                    <input type="submit" value="Login" class="bt mt-
2" style="color:white" />
                </form>
                <span class="ms-5">Not a Member?<a href="/home/index"
style="text-decoration:none">Signup Here</a></span>
            </div>
        </div>
    </div>
</body>
</html>

```

Changepassword.cshtml

```

@{
    ViewBag.Title = "ChangePassword";
}

<html>
<head>
    <link href="~/Content/bootstrap.css" rel="stylesheet" />
    <style>
        .bt {
            height: 40px;
            width: 100%;
            border: none;
            background: blue;
        }
    </style>
</head>

```



```

<body class="bg-info">
  <div class="row">
    <div class="col-sm-5 mx-auto bg-light mt-5 p-3">
      <form method="post">
        <h3 class="text-center m-2">Change Password</h3>
        <input type="email" name="email" class="form-control mt-3" readonly value="@User.Identity.Name"/>
        <input type="password" name="opass" class="form-control mt-3" placeholder="Old Password" />
        <input type="password" name="npass" class="form-control mt-3" placeholder="New Password" />
        <input type="password" name="rpass" class="form-control mt-3" placeholder="Re-Enter New Password" />
        <input type="submit" value="Change Password" class="btn mt-4" />
      </form>
    </div>
  </div>
</body>
</html>

```

Web.config

```

<authentication mode="Forms">
  <forms loginUrl="home/login"></forms>
</authentication>

```

DBLayer With photo upload

DBLayer.cs

```

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

namespace WebApplication23.Models
{
    public class DBLayer
    {
        SqlConnection connection;
    }
}

```

```

    public DBLayer()
    {
        connection = new
SqlConnection(ConfigurationManager.ConnectionStrings["constr"].Connection
String);
    }

    public int ExecuteIntScalar(string procname, SqlParameter[]
parameters)
    {
        SqlCommand cmd = new SqlCommand(procname,connection);
        cmd.CommandType = CommandType.StoredProcedure;
        foreach (SqlParameter param in parameters)
        {
            cmd.Parameters.Add(param);
        }

        connection.Open();
        int res = cmd.ExecuteNonQuery();
        connection.Close();

        return res;
    }

    //execute sql query which returna table as a responce and needs
parameters

    public DataTable ExecuteSelect(string procname, SqlParameter[]
parameters)
    {
        SqlCommand cmd = new SqlCommand(procname,connection);
        cmd.CommandType = CommandType.StoredProcedure;
        foreach (SqlParameter param in parameters)
        {
            cmd.Parameters.Add(param);
        }
        DataTable dt = new DataTable();
        SqlDataAdapter sda = new SqlDataAdapter(cmd);
        sda.Fill(dt);
        return dt;
    }

    //execute sql query which returna table as a responce and needs
no parameters

    public DataTable ExecuteSelect(string procname)
    {
        SqlCommand cmd = new SqlCommand(procname, connection);
        cmd.CommandType = CommandType.StoredProcedure;

        DataTable dt = new DataTable();
        SqlDataAdapter sda = new SqlDataAdapter(cmd);
        sda.Fill(dt);
        return dt;
    }

```

```

        // select query which returns scalar values as response

        public object ExecuteScalar(string procname, SqlParameter[]
parameters)
        {
            SqlCommand cmd = new SqlCommand(procname, connection);
            cmd.CommandType = CommandType.StoredProcedure;
            foreach (SqlParameter param in parameters)
            {
                cmd.Parameters.Add(param);
            }
            connection.Open();
            object res = cmd.ExecuteScalar();
            connection.Close();
            return res;
        }
        public object ExecuteScalar(string procname)
        {
            SqlCommand cmd = new SqlCommand(procname, connection);
            cmd.CommandType = CommandType.StoredProcedure;

            connection.Open();
            object res = cmd.ExecuteScalar();
            connection.Close();
            return res;
        }
    }
}

```

HomeController.cs

```

using Microsoft.Ajax.Utilities;
using System;
using System.Collections;
using System.Collections.Generic;
using System.Data;
using System.Data.SqlClient;
using System.Linq;
using System.Web;
using System.Web.Mvc;
using WebApplication23.Models;

namespace WebApplication23.Controllers
{
    public class HomeController : Controller
    {
        DBLayer db = new DBLayer();
        public ActionResult Index()
        {

```

```

        return View();
    }

    [HttpPost]
    public ActionResult Index(StudentModel s)
    {
        return View();
    }

    public ActionResult About()
    {
        ViewBag.Message = "Your application description page.";

        return View();
    }

    public ActionResult Contact()
    {
        ViewBag.Message = "Your contact page.";

        return View();
    }

    [HttpPost]
    public ActionResult addData(StudentModel s)
    {
        object res = "";
        if (s.sr == 0)
        {
            SqlParameter[] parameters = new SqlParameter[] {
                new SqlParameter("@name", s.name),
                new SqlParameter("@gender", s.gender),
                new SqlParameter("@qualification", s.quali),
                new SqlParameter("@picture", s.pic.FileName),
            };

            res = db.ExecuteScalar("sp_adddata", parameters);
            if (res.ToString().Equals("Record added"))
            {
                s.pic.SaveAs(Server.MapPath("/Content/picture/") +
s.pic.FileName);
            }
            return Json(res);
        }
        else
        {
            SqlParameter[] parameters = new SqlParameter[] {
                new SqlParameter("@sr", s.sr),
                new SqlParameter("@name", s.name),
                new SqlParameter("@gender", s.gender),
                new SqlParameter("@quali", s.quali),
                new SqlParameter("@picture", s.pic.FileName),
            };

            res = db.ExecuteScalar("sp_updateData", parameters);
            if (res.ToString().Equals("Record updated"))
            {

```

```

        s.pic.SaveAs(Server.MapPath("/Content/picture/") +
s.pic.FileName);
    }
    return Json(res);
}

}

public ActionResult SelectData()
{
    DataTable dt = db.ExecuteSelect("sp_selectdata");
    List<StudentModel> datas = new List<StudentModel>();
    foreach (DataRow dr in dt.Rows)
    {
        StudentModel s = new StudentModel();
        s.name = dr["name"].ToString();
        s.quali = dr["qualification"].ToString();
        s.gender = dr["gender"].ToString();
        s.picture = dr["picture"].ToString();
        s.sr = Convert.ToInt32(dr["sr"]);
        datas.Add(s);
    }
    return Json(datas, JsonRequestBehavior.AllowGet);
}

[HttpPost]
public JsonResult deleteRecord(int sr)
{
    int res = db.ExecuteIntScalar("sp_deleteData", new
SqlParameter[] {
        new SqlParameter("@sr", sr)
    });
    if (res > 0)
    {
        return Json("Record deleted");
    }
    else
    {
        return Json("Record Not Deleted");
    }
}

[HttpPost]
public ActionResult selectOneRecord(int sr)
{
    DataTable dt = db.ExecuteSelect("sp_selectonedata", new
SqlParameter[] {
        new SqlParameter("@sr", sr)
    });
    ArrayList data = new ArrayList();
    if (dt.Rows.Count > 0)
    {
        data.Add(dt.Rows[0]["sr"]);
        data.Add(dt.Rows[0]["name"]);
        data.Add(dt.Rows[0]["gender"]);
        data.Add(dt.Rows[0]["qualification"]);
    }
}

```

```

        data.Add(dt.Rows[0]["picture"]);
    }
    return Json(data);
}
}
}

```

Web.config

```

<connectionStrings>
    <add name="constr" connectionString="Data Source=DESKTOP-
9PRSHUE\SQLEXPRESS01;Initial Catalog=task_25_02;Integrated
Security=True;" />
</connectionStrings>

```

StudentModel.cs

```

using System;
using System.Collections.Generic;
using System.Linq;
using System.Web;

namespace WebApplication23.Models
{
    public class StudentModel
    {
        public int sr { get; set; }
        public string name { get; set; }
        public string quali { get; set; }
        public string gender { get; set; }
        public string picture { get; set; }

        public HttpPostedFileBase pic { get; set; }
    }
}

```

Index.cshtml

```
@{
    ViewBag.Title = "Home Page";
}

<html>
<head>

    <link href="~/Content/bootstrap.css" rel="stylesheet" />
</head>
<body>
    <div class="row">
        <div class="col-sm-5 mx-auto mt-5 bg-info p-3">
            <form method="post" id="form1">
                <h6 class="mt-3" hidden>Sr</h6>
                <input type="number" readonly class="form-control"
id="sr" name="sr" hidden/>

                <h6 class="mt-3">Name</h6>
                <input type="text" placeholder="Name" class="form-
control" id="name" name="name" />
                <h6 class="mt-3">Gender</h6>
                <input type="radio" name="gender" value="Male"
id="gender" /> Male
                <input type="radio" name="gender" value="Female"
id="gender" /> Female
                <h6 class="mt-3">Qualification</h6>
                <select class="form-control" name="quali"
id="qualification">
                    <option>Diploma</option>
                    <option>B.tech</option>
                    <option>Bca</option>
                </select>
                <h6 class="mt-3">Picture</h6>
                <input type="file" name="pic" id="pic" class="form-
control" />

                <img id="picture">
                <input type="button" value="Submit" id="btn" class="btn
btn-danger mt-3" />
            </form>
        </div>
    </div>

    <table class="table-bordered table mt-4" id="tbl">
        <thead>
            <tr>
                <th>SR</th>
                <th>Name</th>
                <th>Gender</th>
                <th>Qualification</th>
                <th>Picture</th>
            </tr>
        </thead>
    </table>
</body>
</html>
```

```

        <th>Action</th>
    </tr>
</thead>
<tbody>

    </tbody>
</table>

<script src="~/Scripts/jquery-3.4.1.js"></script>
<script>
    $(document).ready(function () {
        GetData();

        $('#btn').click(function () {

            var obj = new FormData();
            var data = $("#form1").serializeArray();
            for (var x of data) {
                obj.append(x.name, x.value);
            }
            obj.append("pic", $("#pic").get(0).files[0]);
            $.ajax({
                url: '/home/addData',
                type: 'POST',
                data: obj,
                processData: false,
                contentType: false,

                success: function (res) {
                    document.getElementById("form1").reset();
                    GetData();
                    alert(res);
                },
                error: function () {
                    alert("Error")
                }
            });

        });

    });

    function deleteRecord(sr) {
        $.ajax({
            url: '/home/deleteRecord',
            type: 'POST',
            data: { 'sr': sr },
            success: function (res) {
                alert(res);
            },
            error: function () {
                alert("error")
            }
        });
    }

    //coding to select data from table and bind it into a html table
    function GetData() {

```



```

$.ajax({
    url: '/home/SelectData',
    type: 'GET',
    success: function (data) {
        $("#tbl tbody").empty();
        for (var obj of data) {
            $("#tbl tbody").append(`
<tr>
<td>${obj.sr}</td>
<td>${obj.name}</td>
<td>${obj.gender}</td>
<td>${obj.quali}</td>
<td></td>
<td><a onclick="deleteRecord(${obj.sr})">Delete</a> | <a
onclick="SelectOneRecord(${obj.sr})">Edit</a></td>
</tr>
`)
        }
    },
    error: function () {
        alert("Error");
    }
});
}
function SelectOneRecord(sr) {
    if (sr != null) {
        $.ajax({
            url: '/home/selectOneRecord',
            data: { 'sr': sr },
            type: 'POST',
            success: function (data) {
                $("#sr").val(data[0])
                $("#name").val(data[1])
                $("#qualification").val(data[3])

                $("#picture").attr("src", "/Content/picture/"+data[4])
                $("#picture").attr("height", "50px")
                $("#picture").attr("width", "50px")
                $("#btn").val("Update Now")

                var
v=$("#input[name=gender][value="+data[2]+"").prop("checked", "checked")
            },
            error: function () {
                alert("data not found")
            }
        })
    }
}
}
</script>

</body>
</html>

```

Entity Framework

HomeController.cs

```
using System;
using System.Collections.Generic;
using System.Linq;
using System.Web;
using System.Web.Mvc;
using WebApplication30.Models;

namespace WebApplication30.Controllers
{
    public class HomeController : Controller
    {
        class_4aprilEntities ef = new class_4aprilEntities();
        public ActionResult Index()
        {
            List<tbl_student> data = ef.tbl_student.ToList();
            return View(data); //Model = List<tbl_student>
        }
        [HttpPost]
        public ActionResult Index(tbl_student st)
        {
            //field name attribute = properties of model = column name of
the table
            try
            {
                ef.tbl_student.Add(st);
                ef.SaveChanges();
                return Content("<script>alert('Data Added') </script>");
            }
            catch (Exception ex)
            {
                return Content("<script>alert('Error
occured')</script>");
            }
        }

        public ActionResult About()
        {
            ViewBag.Message = "Your application description page.";

            return View();
        }

        public ActionResult Delete(int id) {
            tbl_student s1 = ef.tbl_student.Find(id);
            ef.tbl_student.Remove(s1);
            ef.SaveChanges();
            return RedirectToAction("Index");
        }
    }
}
```

```

    }
    public ActionResult Edit(int id) {
        tbl_student s1 = ef.tbl_student.Find(id);
        return View(s1);
    }
    [HttpPost]
    public ActionResult Edit(tbl_student st)
    {
        if (ModelState.IsValid)
        {
            try
            {
                ef.Entry(st).State =
System.Data.Entity.EntityState.Modified;
                ef.SaveChanges();
                return RedirectToAction("Index");
            }
            catch (Exception ex)
            {
                ViewBag.ErrorMessage = "An error occurred while
saving changes.";
                return View(st);
            }
        }
        // If ModelState is not valid, return the view with
validation errors.
        return View(st);
    }
    /*
    [HttpPost]
    public ActionResult Edit(tbl_student st) {
        ef.Entry(st).State =
            System.Data.Entity.EntityState.Modified;
        ef.SaveChanges();
        return RedirectToAction("Index");
    }
    */
    public ActionResult Contact()
    {
        ViewBag.Message = "Your contact page.";

        return View();
    }
}
}

```

Index.cshtml

```

@{
    ViewBag.Title = "Home Page";
}

```

```

<form method="post">
    Name :
    <input type="text" name="name" class="form-control"
placeholder="Enter Your Name..." /><br />
    Email :
    <input type="email" name="email" class="form-control"
placeholder="Enter Your Email..." /><br />
    Mobil No :
    <input type="number" name="mobno" class="form-control"
placeholder="Enter Your Mobile No..." /><br />
    Password :
    <input type="password" name="pasword" class="form-control"
placeholder="Enter Your Password..." /><br />
    <input type="submit" value="ADD NOW" class="form-control" />
</form>

```

```

@if (Model != null)
{
    <table class="table-bordered table">
        <thead>
            <tr>
                <td>Roll No</td>
                <td>Name</td>
                <td>Mobile No</td>
                <td>Email id</td>
                <td>Password</td>
                <td>Action</td>
            </tr>
        </thead>
        <tbody>
            @foreach (var data in Model)
            {
                <tr>
                    <td>@data.rollno</td>
                    <td>@data.name</td>
                    <td>@data.mobno</td>
                    <td>@data.email</td>
                    <td>@data.pasword</td>
                    <td>
                        <a href="/home/edit/@data.rollno">Edit</a> |
                        <a href="/home/delete/@data.rollno"
onclick="return confirm('Do you really want to delete this
record')">Delete</a>
                    </td>
                </tr>
            }
        </tbody>
    </table>
}

```

Edit.cshtml

```
@{
    ViewBag.Title = "Edit";
}
@if (Model != null)
{
    <h2>Edit</h2>
    <form method="post">
        <input type="number" name="rollno" class="form-control"
value="@Model.rollno" readonly/><br />
        Name :
        <input type="text" name="name" class="form-control"
placeholder="Enter Your Name..." value="@Model.name"/><br />
        Email :
        <input type="email" name="email" class="form-control"
placeholder="Enter Your Email..." value="@Model.email"/><br />
        Mobil No :
        <input type="number" name="mobno" class="form-control"
placeholder="Enter Your Mobile No..." value="@Model.mobno" /><br />
        Password :
        <input type="password" name="password" class="form-control"
placeholder="Enter Your Password..." value="@Model.password"/><br />
        <input type="submit" value="Update" class="form-control" />
    </form>
}
```

Api

```
using CodeHelperAPI.Models;
using CodeHelperApi1.Models;
using System;
using System.Collections.Generic;
using System.Data;
using System.Data.SqlClient;
using System.Linq;
using System.Net;
using System.Net.Http;
using System.Web.Http;

namespace CodeHelperAPI.Controllers
{
    public class MyCourseController : ApiController
    {
        DBLayer db = new DBLayer();
        //login user
        [HttpPost]
```

```

public DataRow Post([FromBody]LoginModel model)
{
    DataRow row = null;

    if(model.email!=null && model.password!=null)
    {
        SqlParameter[] parameters = new SqlParameter[]
        {
            new SqlParameter("userid",model.email),
            new SqlParameter("password",model.password)

        };
        DataTable dt = db.ExecuteSelect("sp_login", parameters);
        if(dt.Rows.Count>0)
            row = dt.Rows[0];
        return row;
    }
    else
    {
        return row;
    }
}

//select courses og logged in user

public DataTable Get(string email)
{
    DataTable dt = null;
    if(email!=null)
    {
        dt = db.ExecuteSelect("sp_SelectMyCourseForUser", new SqlParameter[]
{ new SqlParameter("@email", email) });
        return dt;
    }
    else
    {
        return dt;
    }
}

[HttpPost]
[Route("api/mycourse/selchapter")]

public DataTable SelChapter(int course)
{
    DataTable row = null;

    if (course != 0)
    {
        SqlParameter[] parameters = new SqlParameter[]
        {
            new SqlParameter("course",course),

        };
        DataTable dt = db.ExecuteSelect("sp_selectCoursewisechapter",
parameters);

        return dt;
    }
    else
    {

```

```

        return row;
    }
}
[HttpPost]
[Route("api/mycourse/selvideo")]

public DataTable selvideo(int id, string chapter)
{
    DataTable dt = null;
    if (id != 0)
    {
        dt = db.ExecuteSelect("selvideo", new SqlParameter[] {
            new SqlParameter("@course", id),
            new SqlParameter("@chapter", chapter) });
        return dt;
    }
    else
        return dt;
}

```

```

    }
}

```