Add.cshtml

```cshtml
@{
    Layout = null;
}

<!DOCTYPE html>

<html>
<head>
    <meta name="viewport" content="width=device-width" />
    <title>Add</title>
    <!-- Latest compiled and minified CSS -->
    <link rel="stylesheet"
href="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/css/bootstrap.min.css">

    <!-- jQuery library -->
    <script
src="https://ajax.googleapis.com/ajax/libs/jquery/3.6.4/jquery.min.js"></script>

    <!-- Latest compiled JavaScript -->
    <script
src="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/js/bootstrap.min.js"></script>
</head>
<body>
    <div class="container">
        <div class="row">
            <div class="col-sm-4">  </div>
            <div class="col-sm-4" style="border:5px solid
yellowgreen;padding:10px;">
                <form action="/Home/Add" method="post">
                    Name
                    <input type="text" name="Name" class="form-control" /><br/>
                    Email
                    <input type="email" name="Email" class="form-control" /><br/>
                    Age
                    <input type="number" name="Age" class="form-control" /><br/>

                    <input type="submit" value="submit"/>
                    @*<button class="btn btn-success">Save Record</button>*@
                    <br /><br />
                </form>
                <a href="/Home/Show" class="btn btn-danger">Display Records</a>
            </div>
            <div class="col-sm-4">  </div>
        </div>
    </div>
</body>
</html>
```

```html
@using Pro.Models;
@model IEnumerable<Employee>
@{
    Layout = null;
}

<!DOCTYPE html>

<html>
<head>
    <!-- Latest compiled and minified CSS -->
    <link rel="stylesheet"
href="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/css/bootstrap.min.css">

    <!-- jQuery library -->
    <script
src="https://ajax.googleapis.com/ajax/libs/jquery/3.6.4/jquery.min.js"></script>

    <!-- Latest compiled JavaScript -->
    <script
src="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/js/bootstrap.min.js"></script>
    <meta name="viewport" content="width=device-width" />
    <title>Show</title>
</head>
<body>
    <div>
        <div class="container">
            <div class="col-sm-2"></div>
            <div class="col-sm-8">
                <table>
                    <tr>
                        <th>Sno.</th>
                        <th>Name</th>
                        <th>Email</th>
                        <th>Age</th>
                    </tr>
                    @foreach (Employee i in Model)
                    {
                        <tr>
                            <td>@i.Id</td>
                            <td>@i.Name</td>
                            <td>@i.Email</td>
                            <td>@i.Age</td>
                            <td>@Html.ActionLink("Edit", "Edit", new { id = i.Id
})</td>
                            <td>@Html.ActionLink("Delete", "Delete", new { id = i.Id
})</td>

                        </tr>
                    }
                </table>
            </div>
            <div class="col-sm-2"></div>
        </div>
    </div>
</body>
</html>
```

Edit.cshtml

```
@{
    Layout = null;
}
@using Pro.Models;
@model Employee
<!DOCTYPE html>

<html>
<head>
    <meta name="viewport" content="width=device-width" />
    <title>Edit</title>
</head>
<body>
    <div class="container">
        <div class="row">
            <div class="col-sm-4">  </div>
            <div class="col-sm-4" style="border:5px solid
yellowgreen;padding:10px;">
                <form action="/Home/Add" method="post">
                    @Html.TextBox("Id", Model.Id,new {@class="form-control" })<br/>
                    Name
                    @Html.TextBox("Name",Model.Name,new {@class="form-control"
})<br/>

                    Email
                    @Html.TextBox("Email",Model.Email,new {@class="form-control"
})<br/>

                    Age
                    @Html.TextBox("Age",Model.Age,new {@class="form-control" })<br/>
                    <input type="submit" value="submit"/>
                </form>
                <a href="/Home/Show" class="btn btn-danger">Display Records</a>
            </div>
            <div class="col-sm-4">  </div>
        </div>
    </div>
</body>
</html>
```

Employee.cs

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

namespace Pro.Models
{
    public class Employee
    {
        public int Id { get; set; }
        public string Name { get; set; }
        public string Email { get; set; }
        public int Age { get; set; }
}}
```

Db.cs

```csharp
using System;
using System.Collections.Generic;
using System.Configuration;
using System.Data.SqlClient;
using System.Data;
using System.Linq;
using System.Web;
using System.Web.Mvc;

namespace Pro.Models
{
    public class db
    {
        SqlConnection con = new SqlConnection(ConfigurationManager.ConnectionStrings["con"].ConnectionString);
        public int Add_record(Employee emp)
        {
            SqlCommand cmd = new SqlCommand("sp_insert", con);
            cmd.CommandType = CommandType.StoredProcedure;
            cmd.Parameters.AddWithValue("@name", emp.Name);
            cmd.Parameters.AddWithValue("@email", emp.Email);
            cmd.Parameters.AddWithValue("@age", emp.Age);
            if (con.State == ConnectionState.Closed)
                con.Open();
            int i=cmd.ExecuteNonQuery();
            con.Close();
            return i;
        }
        public DataTable up(int id)
        {
            SqlCommand cmd = new SqlCommand("up", con);
            cmd.CommandType= CommandType.StoredProcedure;
            cmd.Parameters.AddWithValue("@Id",id);
            SqlDataAdapter da = new SqlDataAdapter(cmd);
            DataTable dt=new DataTable();
            if (con.State == ConnectionState.Closed)
                con.Open();
            da.Fill(dt);
            return dt;
        }

        public void Update_record(Employee emp)
        {
            SqlCommand cmd = new SqlCommand("sp_update", con);
            cmd.CommandType = CommandType.StoredProcedure;
            cmd.Parameters.AddWithValue("@Id", emp.Id);
            cmd.Parameters.AddWithValue("@Name", emp.Name);
            cmd.Parameters.AddWithValue("@Email", emp.Email);
            cmd.Parameters.AddWithValue("@Age", emp.Age);
            if (con.State == ConnectionState.Closed)
                con.Open();
            cmd.ExecuteNonQuery();
            con.Close();
        }
        public void Delete_record(int id)
        {
            SqlCommand cmd = new SqlCommand("sp_delete", con);
```

```
                cmd.CommandType = CommandType.StoredProcedure;
                cmd.Parameters.AddWithValue("@Id", id);
                if (con.State == ConnectionState.Closed)
                    con.Open();
                cmd.ExecuteNonQuery();
                con.Close();
            }
        public DataTable Show_data()
        {
                SqlCommand cmd = new SqlCommand("sp_select", con);
                cmd.CommandType = CommandType.StoredProcedure;
                SqlDataAdapter da = new SqlDataAdapter(cmd);
                DataTable dt = new DataTable();
                da.Fill(dt);
                return dt;
        }
    }
}
```

```
using System;
using System.Collections.Generic;
using System.Linq;
using System.Web;
using System.Web.Mvc;
using Pro.Models;
using System.Data;

namespace Pro.Controllers
{
    public class HomeController : Controller
    {
        db db=new db();

        [HttpGet]
        public ActionResult Add()
        {
            return View();
        }
        [HttpPost]
        public ActionResult Add(Employee em)
        {
            int a=db.Add_record(em);
            return View();
        }
        [HttpGet]
        public ActionResult Show()
        {
            DataTable dt=db.Show_data();
            List<Employee> lst=new List<Employee>();
            foreach(DataRow dr in dt.Rows)
            {
                Employee emp = new Employee();
                emp.Id = int.Parse(dr["Id"].ToString());
                emp.Name= dr["Name"].ToString();
                emp.Email = dr["Email"].ToString();
```

```csharp
                emp.Age = int.Parse(dr["Age"].ToString());
                lst.Add(emp);
            }
            return View(lst);
        }
        [HttpGet]
        public ActionResult Edit(int id)
        {
            DataTable dt=db.up(id);
            Employee emp=new Employee();
            if(dt.Rows.Count>0)
            {
                emp.Id = int.Parse(dt.Rows[0]["Id"].ToString());
                emp.Name= dt.Rows[0]["Name"].ToString();
                emp.Email = dt.Rows[0]["Email"].ToString();
                emp.Age = int.Parse(dt.Rows[0]["Age"].ToString());
            }
            return View(emp);
        }
        [HttpPost]
        public ActionResult Edit(Employee emp)
        {
            db.Update_record(emp);
            return RedirectToAction("Show");
        }
        public ActionResult Delete(int id)
        {
            db.Delete_record(id);
            return RedirectToAction("Show");

        }
    }
}
```