Q.02

**EmpController.cs**

using Sy

using System.Collections.Generic;

using System.Linq;

using System.Web;

using System.Web.Mvc;

using ExamQuestion\_2.Models;

namespace ExamQuestion\_2.Controllers

{

public class EmpController : Controller

{

// GET: Emp

public ActionResult Index()

{

List<Employee> list=Employee.getEmpList();

return View(list);

}

public ActionResult AddNewEmp(Emp obj)

{

int result = Emp.insertEmp(obj);

if (result > 0)

ViewBag.Message = " Saved successfully......";

return View();

}

}

Emp.cs

using System;

using System.Collections.Generic;

using System.Linq;

using System.Web;

using System.Data;

using System.Data.SqlClient;

using System.Configuration;

using System.ComponentModel.DataAnnotations;

namespace ExamQuestion\_2 .Models

{

public class Emp

{

public static SqlConnection con=null; //connection class

public static SqlCommand cmd =null; //command class

public static SqlDataAdapter da =null; //DataAdapter class

[Required]

public int EmployeeID { get; set; }

[Required]

public string EmployeeName { get; set; }

public static void getConnection()

{

string constr = ConfigurationManager.ConnectionStrings["conn"].ToString();

con = new SqlConnection(constr);

}

public static List<Emp> getEmpList()

{

List<Emp> list = new List<Emp>();

try

{

getConnection();

da = new SqlDataAdapter("Select \* from employeetable", con);

DataTable dt =new DataTable();

da.Fill(dt);

foreach (DataRow dr in dt.Rows)

{

list.Add(new Emp() { EmployeeID = Convert.ToInt32(dr["Emp\_id"]), EmployeeName = dr["Emp\_name"].ToString() });

}

}

catch(Exception ex)

{

Console.WriteLine(ex.Message);

}

return list;

}

public static int insertEmp(Emp obj) //Inserting record in database

{

int status = 0;

try

{

getConnection();

cmd = new SqlCommand("insert into employeetable values(" + Convert.ToInt32(obj.EmployeeID) + ",'" + obj.EmployeeName.ToString() + "')", con);

con.Open();

status = cmd.ExecuteNonQuery();

con.Close();

}

catch (Exception ex)

{

Console.WriteLine(ex.Message);

}

return status;

}

**Web.Config**

<?xml version="1.0" encoding="utf-8"?>

<!--

For more information on how to configure your ASP.NET application, please visit

https://go.microsoft.com/fwlink/?LinkId=301880

-->

<configuration>

<appSettings>

<add key="webpages:Version" value="3.0.0.0" />

<add key="webpages:Enabled" value="false" />

<add key="ClientValidationEnabled" value="true" />

<add key="UnobtrusiveJavaScriptEnabled" value="true" />

</appSettings>

<system.web>

<compilation debug="true" targetFramework="4.7.2" />

<httpRuntime targetFramework="4.7.2" />

</system.web>

<connectionStrings>

<add name="conn" connectionString = "Data Source=(localdb)\MSSQLLocalDB;Initial Catalog=employeedb;Integrated Security=True"/>

</connectionStrings>

<runtime>

<assemblyBinding xmlns="urn:schemas-microsoft-com:asm.v1">

<dependentAssembly>

<assemblyIdentity name="Antlr3.Runtime" publicKeyToken="eb42632606e9261f" />

<bindingRedirect oldVersion="0.0.0.0-3.5.0.2" newVersion="3.5.0.2" />

</dependentAssembly>

<dependentAssembly>

<assemblyIdentity name="Newtonsoft.Json" publicKeyToken="30ad4fe6b2a6aeed" />

<bindingRedirect oldVersion="0.0.0.0-12.0.0.0" newVersion="12.0.0.0" />

</dependentAssembly>

<dependentAssembly>

<assemblyIdentity name="System.Web.Optimization" publicKeyToken="31bf3856ad364e35" />

<bindingRedirect oldVersion="1.0.0.0-1.1.0.0" newVersion="1.1.0.0" />

</dependentAssembly>

<dependentAssembly>

<assemblyIdentity name="WebGrease" publicKeyToken="31bf3856ad364e35" />

<bindingRedirect oldVersion="1.0.0.0-1.6.5135.21930" newVersion="1.6.5135.21930" />

</dependentAssembly>

<dependentAssembly>

<assemblyIdentity name="System.Web.Helpers" publicKeyToken="31bf3856ad364e35" />

<bindingRedirect oldVersion="1.0.0.0-3.0.0.0" newVersion="3.0.0.0" />

</dependentAssembly>

<dependentAssembly>

<assemblyIdentity name="System.Web.WebPages" publicKeyToken="31bf3856ad364e35" />

<bindingRedirect oldVersion="1.0.0.0-3.0.0.0" newVersion="3.0.0.0" />

</dependentAssembly>

<dependentAssembly>

<assemblyIdentity name="System.Web.Mvc" publicKeyToken="31bf3856ad364e35" />

<bindingRedirect oldVersion="1.0.0.0-5.2.7.0" newVersion="5.2.7.0" />

</dependentAssembly>

</assemblyBinding>

</runtime>

<system.codedom>

<compilers>

<compiler language="c#;cs;csharp" extension=".cs" type="Microsoft.CodeDom.Providers.DotNetCompilerPlatform.CSharpCodeProvider, Microsoft.CodeDom.Providers.DotNetCompilerPlatform, Version=2.0.1.0, Culture=neutral, PublicKeyToken=31bf3856ad364e35" warningLevel="4" compilerOptions="/langversion:default /nowarn:1659;1699;1701" />

<compiler language="vb;vbs;visualbasic;vbscript" extension=".vb" type="Microsoft.CodeDom.Providers.DotNetCompilerPlatform.VBCodeProvider, Microsoft.CodeDom.Providers.DotNetCompilerPlatform, Version=2.0.1.0, Culture=neutral, PublicKeyToken=31bf3856ad364e35" warningLevel="4" compilerOptions="/langversion:default /nowarn:41008 /define:\_MYTYPE=\&quot;Web\&quot; /optionInfer+" />

</compilers>

</system.codedom>

</configuration>