CREATE TABLE [dbo].[userdetails](

[username] [nvarchar](50) NULL,

[password] [nvarchar](50) NULL,

[Email] [nvarchar](50) NULL,

[age] [int] NULL

) ON [PRIMARY]

GO

Webform1.aspx

using System;

using System.Collections.Generic;

using System.Linq;

using System.Web;

using System.Web.UI;

using System.Web.UI.WebControls;

using System.Web.Security;

using System.Configuration;

using System.Data.SqlClient;

using System.Data;

using System.Security.Policy;

namespace WebApplication9\_Forms

{

public partial class WebForm1 : System.Web.UI.Page

{

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

{

// Response.Write("Application code executed using ");

// Response.Write(System.Security.Principal.WindowsIdentity.GetCurrent().Name + "<br/>");

// Response.Write("Is User Authenticated: ");

// Response.Write(User.Identity.IsAuthenticated.ToString() + "<br/>");

// Response.Write("Authentication Type, if Authenticated: ");

// Response.Write(User.Identity.AuthenticationType + "<br/>");

// Response.Write("User Name, if Authenticated: ");

// Response.Write(User.Identity.Name + "<br/>");

}

protected void Button1\_Click(object sender, EventArgs e)

{

Response.Write("welcome to asp.net");

if (FormsAuthentication.Authenticate(TextBox1.Text, TextBox2.Text))

{

FormsAuthentication.RedirectFromLoginPage(TextBox1.Text, CheckBox1.Checked);

Response.Write("sign successfull");

}

else

{

Response.Write("invalid userid and password");

}

}

protected void Button2\_Click(object sender, EventArgs e)

{

// Response.Redirect("Register.aspx");

/\* Server.Transfer("Register.aspx")\*/

;

FormsAuthentication.SignOut();

Response.Write("Username := " + HttpContext.Current.User.Identity.Name);

}

protected void Button3\_Click(object sender, EventArgs e)

{

}

}

}

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=169433

-->

<configuration>

<system.web>

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

<httpRuntime targetFramework="4.7.2" />

<pages>

<namespaces>

<add namespace="System.Web.Optimization" />

</namespaces>

<controls>

<add assembly="Microsoft.AspNet.Web.Optimization.WebForms" namespace="Microsoft.AspNet.Web.Optimization.WebForms" tagPrefix="webopt" />

</controls>

</pages>

<authentication mode="Forms">

<forms loginUrl="WebForm1.aspx" defaultUrl="WebForm1.aspx">

<credentials passwordFormat="Clear">

<user name="abhishek" password="abhi@123"/>

<user name="Kantesh" password="sinha@123" />

</credentials>

</forms>

</authentication>

<!--<authorization>

<deny users="?"/>

</authorization>-->

</system.web>

<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="Microsoft.Web.Infrastructure" publicKeyToken="31bf3856ad364e35" />

<bindingRedirect oldVersion="0.0.0.0-2.0.1.0" newVersion="2.0.1.0" />

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

<bindingRedirect oldVersion="0.0.0.0-1.6.5135.21930" newVersion="1.6.5135.21930" />

</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>

<connectionStrings>

<add name="DBCS" connectionString="Data Source=DESKTOP-741C91O;Initial Catalog=payrollmanagement;Integrated Security=True"/>

</connectionStrings>

</configuration>

Register.aspx

using System;

using System.Collections.Generic;

using System.Configuration;

using System.Data.SqlClient;

using System.Data;

using System.Linq;

using System.Reflection.Emit;

using System.Web;

using System.Web.Security;

using System.Web.UI;

using System.Web.UI.WebControls;

namespace WebApplication9\_Forms

{

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

{

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

{

}

protected void Button1\_Click(object sender, EventArgs e)

{

//If the Page has no validation errors

if (Page.IsValid)

{

// Read the connection string from web.config.

// ConfigurationManager class is in System.Configuration namespace

//read from web.config

string CS = ConfigurationManager.ConnectionStrings["DBCS"].ConnectionString;

// SqlConnection is in System.Data.SqlClient namespace

using (SqlConnection con = new SqlConnection(CS))

{

SqlCommand cmd = new SqlCommand("spRegisterUser", con);

cmd.CommandType = CommandType.StoredProcedure;

// FormsAuthentication calss is in System.Web.Security namespace

string encryptedPassword = FormsAuthentication.

HashPasswordForStoringInConfigFile(TextBox2.Text, "SHA1");

cmd.Parameters.AddWithValue("@username", TextBox1.Text);

cmd.Parameters.AddWithValue("@password", TextBox2.Text);

cmd.Parameters.AddWithValue("@userEmail", TextBox3.Text);

cmd.Parameters.AddWithValue("@age",TextBox4.Text);

con.Open();

int ReturnCode;

object o = cmd.ExecuteScalar();

ReturnCode = o == null ? 0 : (int)o;

if (ReturnCode == -1)

{

Label1.Text = "User Name already in use, please choose another user name";

}

else

{

Response.Redirect("~/Webform1.aspx");

}

}

}

}

}

}

Programmability-🡪click on stored procedure-🡪new stroed procedure

Storeprocedure

create procedure spRegisterUser(@username varchar(50),

@password varchar(50),@userEmail varchar(50),@age int)

as

begin

insert into userdetails values(@username,@password,@userEmail,@age)

end

exec spRegisterUser 'john','admin@123','admin@gmail.com',34

select \* from userdetails