File Name – Default.aspx

<%@ Page Language="C#" AutoEventWireup="true" CodeBehind="default.aspx.cs" Inherits="WebApplication1.\_default" %>

<!DOCTYPE html>

<html xmlns="http://www.w3.org/1999/xhtml">

<head runat="server">

<title>Registration Form</title>

<link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/4.0.0/css/bootstrap.min.css">

<link rel="stylesheet" type="text/css" href="Style.css" />

</head>

<body class="bg-img">

<div>

<div class="registration-form">

<form class="A1" id="form1" runat="server">

<div class="registration-logo with-border">

<h1><b>Registration Form</b></h1>

</div>

<div class="row">

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

<div class="form-group">

<asp:TextBox ID="txtRoll" runat="server" class="form-control item" placeholder="Enter Roll Number" ></asp:TextBox>

</div>

</div>

<!--<asp:RegularExpressionValidator ID="RegularExpressionValidator3" runat="server" ErrorMessage="Only Alphabet" ControlToValidate="txtName" ValidationExpression="[a-zA-Z]"></asp:RegularExpressionValidator>-->

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

<div class="form-group">

<asp:TextBox ID="txtName" runat="server" class="form-control item" placeholder="Enter Name" ></asp:TextBox>

</div>

</div>

</div>

<asp:RegularExpressionValidator ID="RegularExpressionValidator1" runat="server" ErrorMessage="Email is improper" ControlToValidate="txtEmail" ValidationExpression="^[a-zA-Z0-9+\_.-]+@[a-zA-Z0-9.-]+$"></asp:RegularExpressionValidator>

<div class="row">

<div class="col-sm-12">

<div>

<asp:TextBox runat="server" id="txtEmail" placeholder="Enter Email" class="form-control item"></asp:TextBox>

</div>

</div>

</div>

<asp:RegularExpressionValidator ID="RegularExpressionValidator2" runat="server" ErrorMessage="Incorrect Number" ValidationExpression="^\+91[0-9]{10}" ControlToValidate="txtMobile"></asp:RegularExpressionValidator>

<div class="row">

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

<div class="form-group">

<asp:TextBox ID="txtMobile" runat="server" class="form-control item" placeholder="Enter Mobile"></asp:TextBox>

</div>

</div>

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

<div class="form-group">

<asp:DropDownList ID="ddlCity" runat="server" class="form-control " placeholder="Select City">

<asp:ListItem>SelectCity</asp:ListItem>

<asp:ListItem>Nagpur</asp:ListItem>

<asp:ListItem>Pune</asp:ListItem>

<asp:ListItem>Mumbai</asp:ListItem>

</asp:DropDownList>

</div>

</div>

</div>

<div class="row">

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

<div class="form-group">

<asp:DropDownList ID="ddlSubject" runat="server" class="form-control " placeholder="Select Subject">

<asp:ListItem>SelectSubject</asp:ListItem>

<asp:ListItem>CSE</asp:ListItem>

<asp:ListItem>Civil</asp:ListItem>

<asp:ListItem>IT</asp:ListItem>

</asp:DropDownList>

</div>

</div>

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

<div class="form-group">

<asp:TextBox ID="txtMark1" runat="server" class="form-control item" placeholder="Enter Mark 1"></asp:TextBox>

</div>

</div>

</div>

<div class="row">

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

<div class="form-group">

<asp:TextBox ID="txtMark2" runat="server" class="form-control item" placeholder="Enter Mark 2"></asp:TextBox>

<!-- <select class="countrypicker form-control item"></select> -->

</div>

</div>

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

<div class="form-group">

<asp:TextBox ID="txtMark3" runat="server" class="form-control item" placeholder="Enter Mark 3"></asp:TextBox>

</div>

</div>

</div>

<div class="row">

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

<div class="form-group">

<asp:TextBox ID="txtMark4" runat="server" class="form-control item" placeholder="Enter Mark 4"></asp:TextBox>

</div>

</div>

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

<div class="form-group">

<asp:TextBox ID="txtMark5" runat="server" class="form-control item" placeholder="Enter Mark 5"></asp:TextBox>

</div>

</div>

</div>

<div class="row">

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

<div class="form-group">

<asp:TextBox ID="txtTotal" runat="server" class="form-control item" placeholder="Total"></asp:TextBox>

</div>

</div>

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

<div class="form-group">

<asp:TextBox ID="txtGrade" runat="server" class="form-control item" placeholder="Grade "></asp:TextBox>

</div>

</div>

</div>

<div class="row">

<div class="col-md-3">

<asp:Button ID="btnSubmit" runat="server" Text="Submit" class="btn btn-block login-button" OnClick="btnSubmit\_Click"/>

</div>

<div class="col-md-3">

<asp:Button ID="btnUpdate" runat="server" Text="Update" class="btn btn-block login-button" OnClick="btnUpdate\_Click"/>

</div>

<div class="col-md-3">

<asp:Button ID="btnDelete" runat="server" Text="Delete" class="btn btn-block login-button" OnClick="btnDelete\_Click"/>

</div>

<div class="col-md-3">

<asp:Button ID="btnFind" runat="server" Text="Find" class="btn btn-block login-button" OnClick="btnFind\_Click"/>

</div>

</div>

</form>

</div>

</div>

</body>

</html>

File Name – Default.aspx.cs

using System;

using System.Collections.Generic;

using System.Linq;

using System.Web;

using System.Web.UI;

using System.Web.UI.WebControls;

using System.Data.SqlClient;

namespace WebApplication1

{

public partial class \_default : System.Web.UI.Page

{

SqlConnection con;

SqlCommand com;

SqlDataReader rd;

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

{

if(!IsPostBack)

{

}

}

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

{

string grade;

//Storing roll no in session for display in next page

con = new SqlConnection();

Session["name"] = txtName.Text;

Session["roll"] = txtRoll.Text;

if(int.Parse(txtMark1.Text) > 40 &&

int.Parse(txtMark2.Text) > 40 &&

int.Parse(txtMark3.Text) > 40 &&

int.Parse(txtMark1.Text) > 40 &&

int.Parse(txtMark1.Text) > 40

)

{

//calculate Sum

int total = int.Parse(txtMark1.Text) + int.Parse(txtMark2.Text) + int.Parse(txtMark3.Text) + int.Parse(txtMark4.Text) + int.Parse(txtMark5.Text);

if (total > 250)

{

grade = "Grade A";

}

else if (total > 150 && total < 250)

{

grade = "Grade B";

}

else

{

grade = "Fail";

}

string city = ddlCity.SelectedValue;

string subject = ddlSubject.SelectedValue;

txtTotal.Text = total.ToString();

txtGrade.Text = grade;

//Adding connection path

string path = @"Data Source=(LocalDB)\MSSQLLocalDB;AttachDbFilename=C:\Users\Pushpak\Desktop\MasterSoft\Assignment\Day\_26\WebApplication1\WebApplication1\App\_Data\College.mdf;Integrated Security=True";

con = new SqlConnection(path);

con.Open();

//checking roll number

string check\_roll = "SELECT \* FROM Student WHERE Roll = @Roll1";

com = new SqlCommand(check\_roll, con);

com.Parameters.AddWithValue("@Roll1", txtRoll.Text);

rd = com.ExecuteReader();

if(rd.Read())

{

Response.Write("Data is already avalable");

}

else

{

//Apply query to insert data

string insert\_q = "INSERT INTO Student (Roll, Name, Email, Mobile, City, Subject, Mark1, Mark2, Mark3, Mark4, Mark5, Total, Grade) VALUES (@Roll1, @Name1, @Email1, @Mobile1, @City1, @Subject1, @Mark01, @Mark02, @Mark03, @Mark04, @Mark05, @Total1, @Grade1)";

com = new SqlCommand(insert\_q, con);

//pass control through query

com.Parameters.AddWithValue("Roll1", txtRoll.Text);

com.Parameters.AddWithValue("Name1", txtName.Text);

com.Parameters.AddWithValue("Email1", txtEmail.Text);

com.Parameters.AddWithValue("Mobile1", txtMobile.Text);

com.Parameters.AddWithValue("City1", city);

com.Parameters.AddWithValue("Subject1", subject);

com.Parameters.AddWithValue("Mark01", txtMark1.Text);

com.Parameters.AddWithValue("Mark02", txtMark2.Text);

com.Parameters.AddWithValue("Mark03", txtMark3.Text);

com.Parameters.AddWithValue("Mark04", txtMark4.Text);

com.Parameters.AddWithValue("Mark05", txtMark5.Text);

com.Parameters.AddWithValue("Total1", total);

com.Parameters.AddWithValue("Grade1", grade);

//Sucessfully data inseted message

Response.Write("Data Inserted");

}

rd.Close();

//Execute Query

com.ExecuteNonQuery();

Response.Redirect("Message.aspx?roll\_i=" + txtRoll.Text);

}

else

{

Response.Write("Marks must be greater than 40");

}

}

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

{

string path = @"Data Source=(LocalDB)\MSSQLLocalDB;AttachDbFilename=C:\Users\Pushpak\Desktop\MasterSoft\Assignment\Day\_26\WebApplication1\WebApplication1\App\_Data\College.mdf;Integrated Security=True";

con = new SqlConnection(path);

con.Open();

//For updateing data

string update\_q = "UPDATE Student SET Name = @Name1, Email = @Email1, Mobile = @Mobile1, City = @City1 WHERE Roll = @Roll1";

com = new SqlCommand(update\_q, con);

com.Parameters.AddWithValue("@Roll1", txtRoll.Text);

com.Parameters.AddWithValue("@Name1", txtName.Text);

com.Parameters.AddWithValue("@Email1", txtEmail.Text);

com.Parameters.AddWithValue("@Mobile1", txtMobile.Text);

com.Parameters.AddWithValue("@City1", ddlCity.SelectedValue);

com.ExecuteNonQuery();

Response.Write("Data updat");

}

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

{

string path = @"Data Source=(LocalDB)\MSSQLLocalDB;AttachDbFilename=C:\Users\Pushpak\Desktop\MasterSoft\Assignment\Day\_26\WebApplication1\WebApplication1\App\_Data\College.mdf;Integrated Security=True";

con = new SqlConnection(path);

con.Open();

//For updateing data

string update\_q = "DELETE FROM Student WHERE Roll = @Roll1";

com = new SqlCommand(update\_q, con);

com.Parameters.AddWithValue("@Roll1", txtRoll.Text);

com.ExecuteNonQuery();

Response.Write("Data Deleted");

}

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

{

string path = @"Data Source=(LocalDB)\MSSQLLocalDB;AttachDbFilename=C:\Users\Pushpak\Desktop\MasterSoft\Assignment\Day\_26\WebApplication1\WebApplication1\App\_Data\College.mdf;Integrated Security=True";

con = new SqlConnection(path);

con.Open();

//For DELETE record

string find\_q = "select \* From Student WHERE Roll = @Roll1";

com = new SqlCommand(find\_q, con);

com.Parameters.AddWithValue("@Roll1", txtRoll.Text);

rd = com.ExecuteReader();

if(rd.Read())

{

txtName.Text = rd["Name"].ToString();

txtEmail.Text = rd["Email"].ToString();

txtMobile.Text = rd["Mobile"].ToString();

ddlCity.SelectedValue = rd["City"].ToString();

ddlSubject.SelectedValue = rd["Subject"].ToString();

txtMark1.Text = rd["Mark1"].ToString();

txtMark2.Text = rd["Mark2"].ToString();

txtMark3.Text = rd["Mark3"].ToString();

txtMark4.Text = rd["Mark4"].ToString();

txtMark5.Text = rd["Mark5"].ToString();

txtTotal.Text = rd["Total"].ToString();

txtGrade.Text = rd["Grade"].ToString();

}

else

{

Response.Write("Record not avaiable");

}

rd.Close();

}

}

}

File Name – message.aspx

<%@ Page Language="C#" AutoEventWireup="true" CodeBehind="Message.aspx.cs" Inherits="WebApplication1.Message" %>

<!DOCTYPE html>

<html xmlns="http://www.w3.org/1999/xhtml">

<head runat="server">

<title></title>

<style>

body {

font-family: 'Roboto', sans-serif;

margin: 0;

padding: 0;

background-image: url("https://cdn.pixabay.com/photo/2019/12/01/18/43/fog-4666170\_1280.jpg");

background-repeat: no-repeat;

background-size: cover;

}

.chat-container {

width: 400px;

margin: 50px auto;

background-color: #f5f5f5;

border-radius: 5px;

box-shadow: 0 2px 5px rgba(0, 0, 0, 0.1);

}

.chat-header {

background-color: #3f51b5;

color: #fff;

padding: 10px;

text-align: center;

border-top-left-radius: 5px;

border-top-right-radius: 5px;

}

.chat-log {

padding: 10px;

max-height: 300px;

overflow-y: auto;

}

.chat-message {

margin-bottom: 10px;

padding: 5px 10px;

border-radius: 5px;

}

.bot {

background-color: #eee;

}

.user {

background-color: #3f51b5;

color: #fff;

float: right;

}

.chat-input {

display: flex;

align-items: center;

background-color: #fff;

padding: 5px;

border-top: 1px solid #ccc;

border-bottom: 1px Solid #3f51b5;

}

.chat-input input {

flex: 1;

border: none;

padding: 8px;

font-size: 14px;

border-radius: 5px;

margin-right: 5px;

}

.chat-input button {

border: none;

background-color: transparent;

color: #3f51b5;

cursor: pointer;

}

.chat-input button:hover {

color: #2c387e;

}

/\* Previous CSS styles \*/

/\* Your other styles here \*/

.footer {

position: fixed;

bottom: 0;

left: 0;

width: 100%;

padding: 10px;

text-align: center;

}

.social-contact {

position: fixed;

right: 20px;

bottom: 20px;

}

.social-link {

display: inline-block;

background-color: #3f51b5;

color: #fff;

border-radius: 50%;

width: 40px;

height: 40px;

line-height: 40px;

text-align: center;

margin: 5px;

font-size: 18px;

transition: background-color 0.3s ease;

}

.social-link:hover {

background-color: #2c387e;

}

</style>

</head>

<body>

<form id="form1" runat="server">

<div>

<div class="chat-container">

<div class="chat-header">

<h2><i class="fas fa-robot animated"></i> Thank You For Registration</h2>

</div>

<div class="chat-log" id="chatLog">

<div class="chat-message bot">

<p>Thank You,

<asp:Label ID="lblName" runat="server" Text="Label"></asp:Label></p>

<p>Roll No :

<asp:Label ID="lblRoll" runat="server" Text="Label"></asp:Label>

</p>

<p>Email :

<asp:Label ID="lblEmail" runat="server" Text="Label"></asp:Label>

</p>

<p>Mobile :

<asp:Label ID="lblMobile" runat="server" Text="Label"></asp:Label>

</p>

<p>City :

<asp:Label ID="lblCity" runat="server" Text="Label"></asp:Label>

</p>

<p>Subject :

<asp:Label ID="lblSubject" runat="server" Text="Label"></asp:Label>

</p>

<p>Total :

<asp:Label ID="lblTotal" runat="server" Text="Label"></asp:Label>

</p>

<p>Grade :

<asp:Label ID="lblGrade" runat="server" Text="Label"></asp:Label>

</p>

</div>

</div>

</div>

</div>

</form>

</body>

</html>

File Name – message.aspx.cs

using System;

using System.Collections.Generic;

using System.Linq;

using System.Web;

using System.Web.UI;

using System.Web.UI.WebControls;

using System.Data.SqlClient;

namespace WebApplication1

{

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

{

SqlConnection con;

SqlCommand com;

SqlDataReader rd;

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

{

//string name\_i = ;

string name = (string)Session["name"];

// int roll\_i = (int)Session["roll"];

string path = @"Data Source=(LocalDB)\MSSQLLocalDB;AttachDbFilename=C:\Users\Pushpak\Desktop\MasterSoft\Assignment\Day\_26\WebApplication1\WebApplication1\App\_Data\College.mdf;Integrated Security=True";

con = new SqlConnection(path);

con.Open();

//For DELETE record

string find\_q = "select \* From Student WHERE Name = @Name1";

com = new SqlCommand(find\_q, con);

com.Parameters.AddWithValue("@Name1", name);

rd = com.ExecuteReader();

if (rd.Read())

{

lblName.Text = rd["Name"].ToString();

lblRoll.Text = rd["Roll"].ToString();

lblEmail.Text = rd["Email"].ToString();

lblMobile.Text = rd["Mobile"].ToString();

lblCity.Text = rd["City"].ToString();

lblSubject.Text = rd["Subject"].ToString();

lblTotal.Text = rd["Total"].ToString();

lblGrade.Text = rd["Grade"].ToString();

}

else

{

Response.Write("Record not avaiable");

}

rd.Close();

}

}

}

File Name – Style.css

@import "https://stackpath.bootstrapcdn.com/font-awesome/4.7.0/css/font-awesome.min.css";

body {

background-color: #C7D3D4FF;

}

.registration-logo {

font-size: 35px;

text-align: center;

margin-bottom: 25px;

font-weight: 300;

}

.registration-form {

padding: 50px 10px;

}

.with-border {

border-bottom: 2px solid #f4f4f4;

}

.registration-form form {

background-color: #FFF;

max-width: 600px;

margin: auto;

padding: 20px;

border-radius: 30px;

}

.registration-form .item {

border-radius: 10px;

margin-bottom: 25px;

}

.registration-form .login-button {

font-family: "Roboto", sans-serif;

text-transform: uppercase;

border-radius: 10px;

background: #363636;

width: 100%;

padding: 15px;

color: #FFFFFF;

font-size: 14px;

}

.login-button:hover, .login-button:active, .login-button:focus {

background: #00001a;

}

#A3 {

margin-top: 10px;

}

@media (max-width: 576px) {

.login-form form,

.registration-form form {

padding: 50px 20px;

}

}

[type=file] {

position: absolute;

filter: alpha(opacity=0);

opacity: 0;

}

input,

[type=file] + label {

border-radius: 10px;

margin-bottom: 25px;

padding: 10px 20px;

display: block;

border: 1px solid #ced4da;

text-align: left;

width: 100%;

background-clip: padding-box;

position: relative;

}

[type=file] + label {

text-align: left;

width: 100%;

background-color: #fff;

background-clip: padding-box;

color: #495057;

border: 1px solid #ced4da;

border-radius: 10px;

transition: border-color .15s ease-in-out,box-shadow .15s ease-in-out;

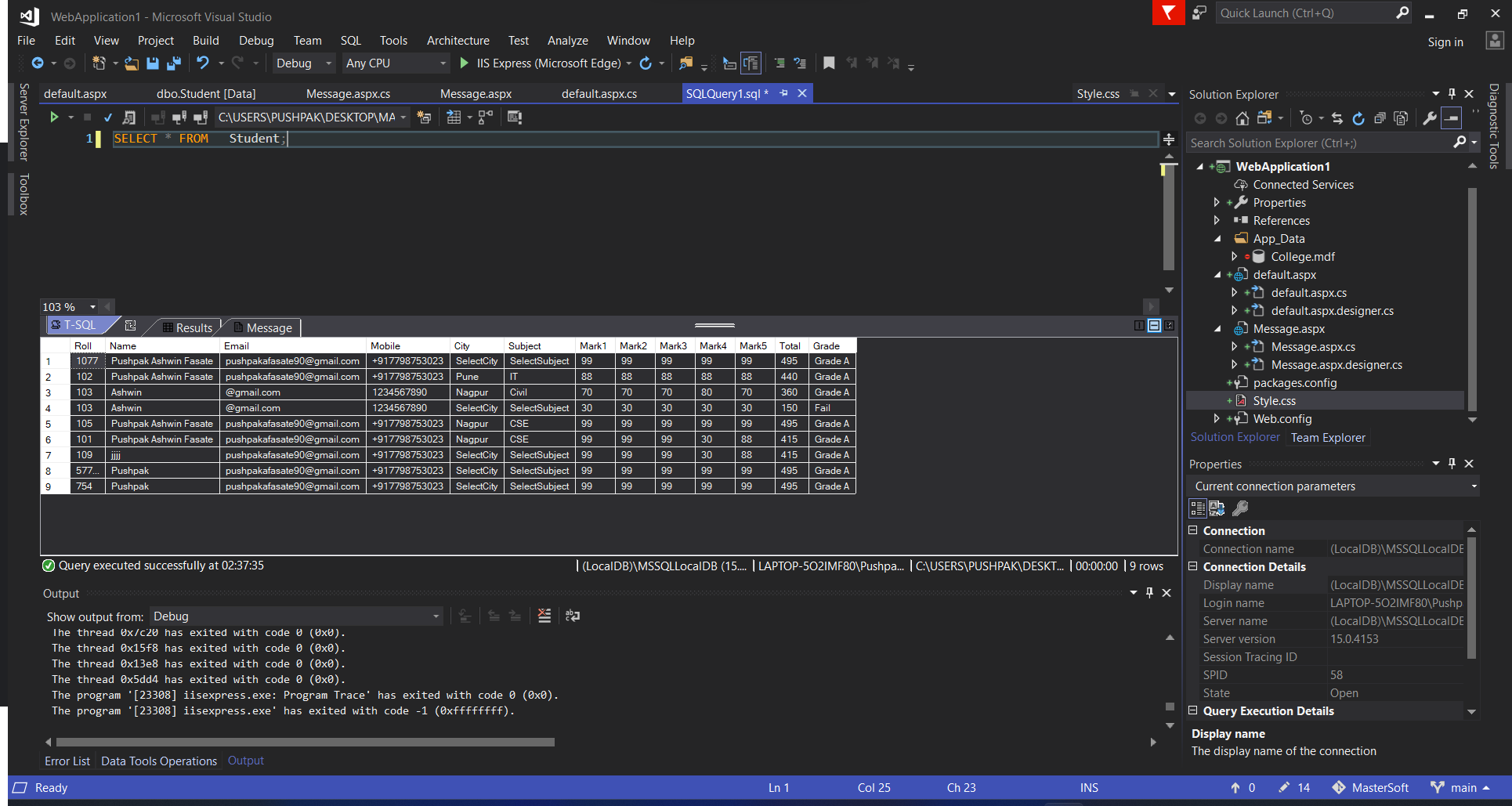
}

[type=file] + label:hover {

background: #3399ff;

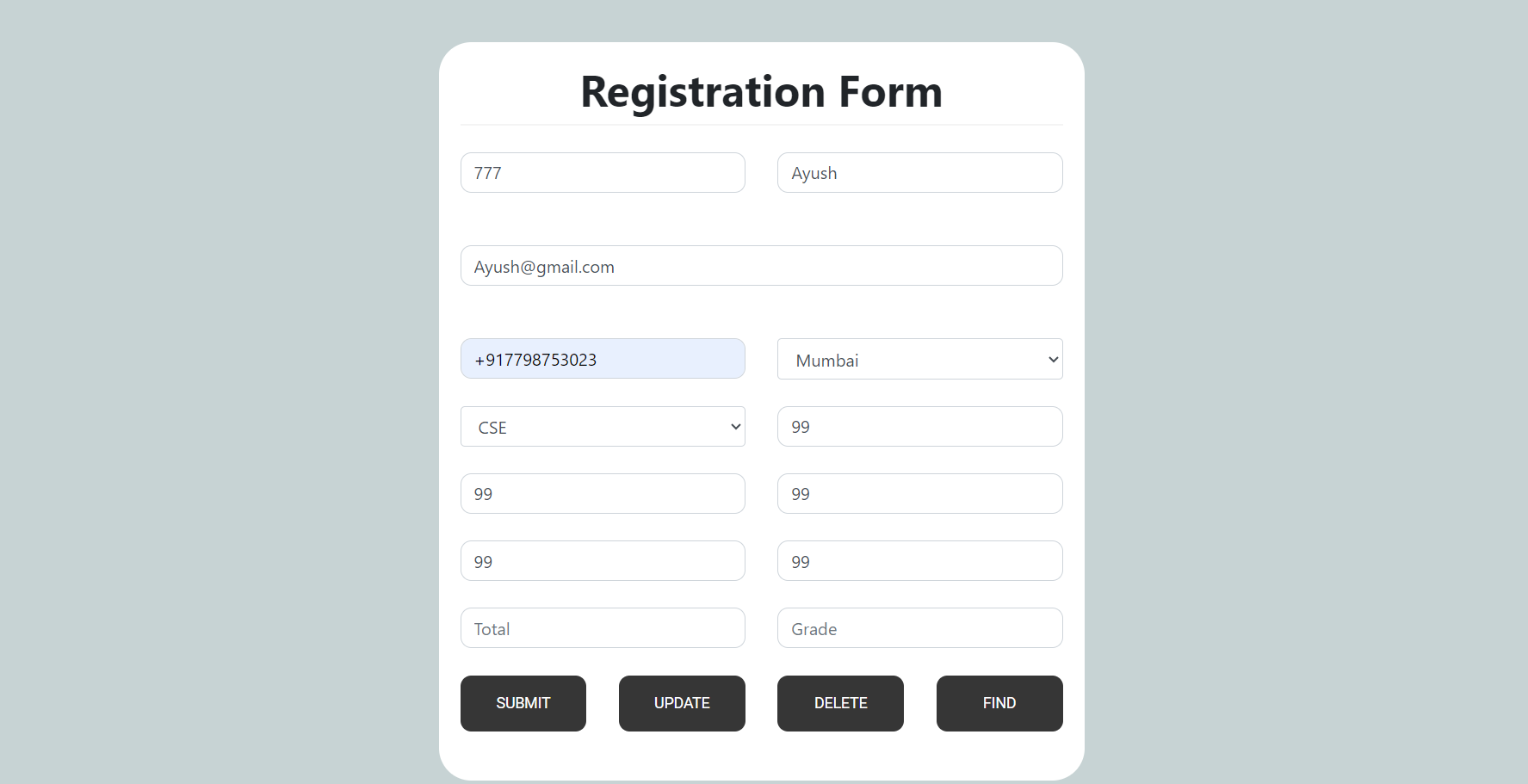
}

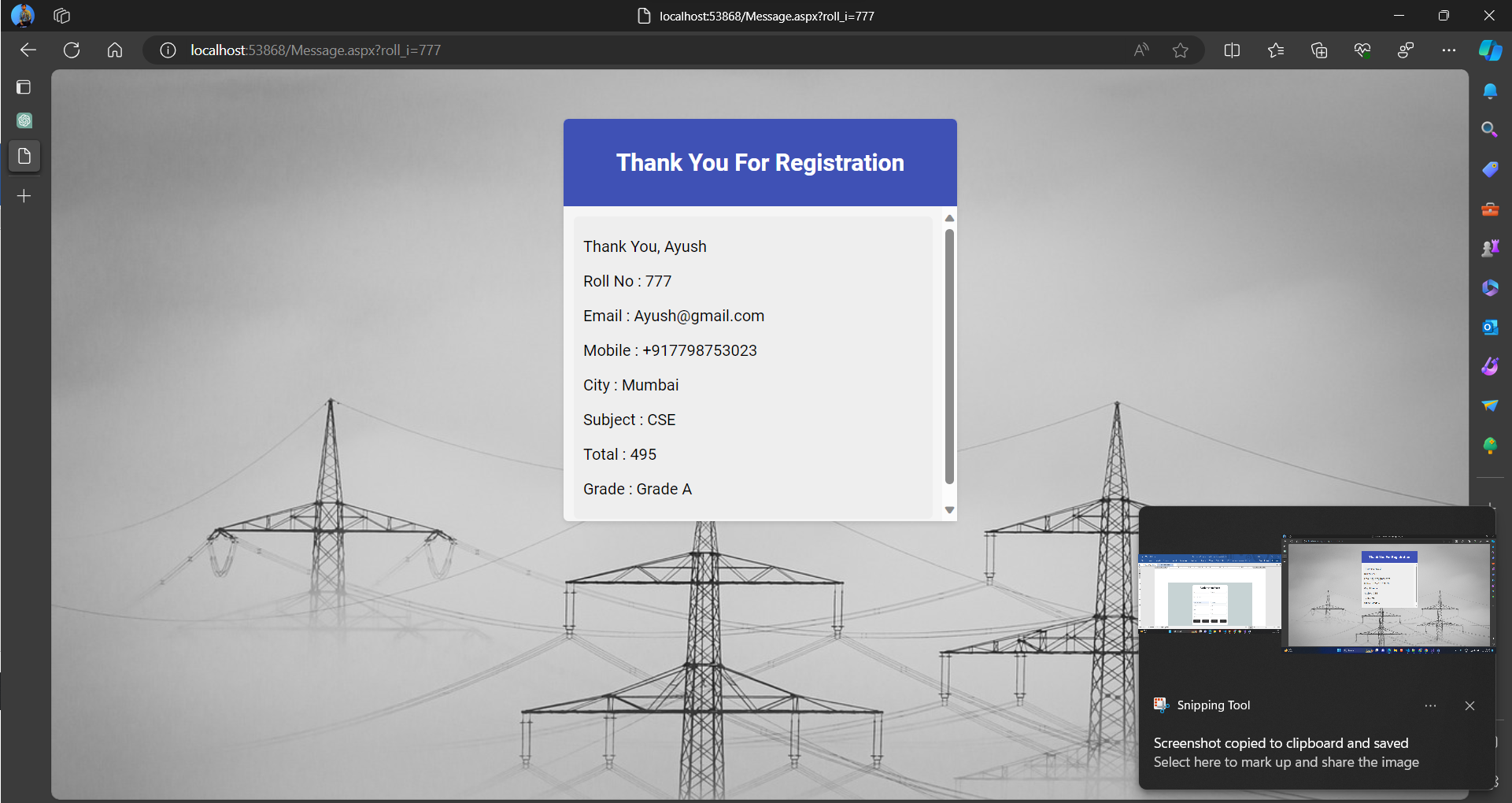
Database –



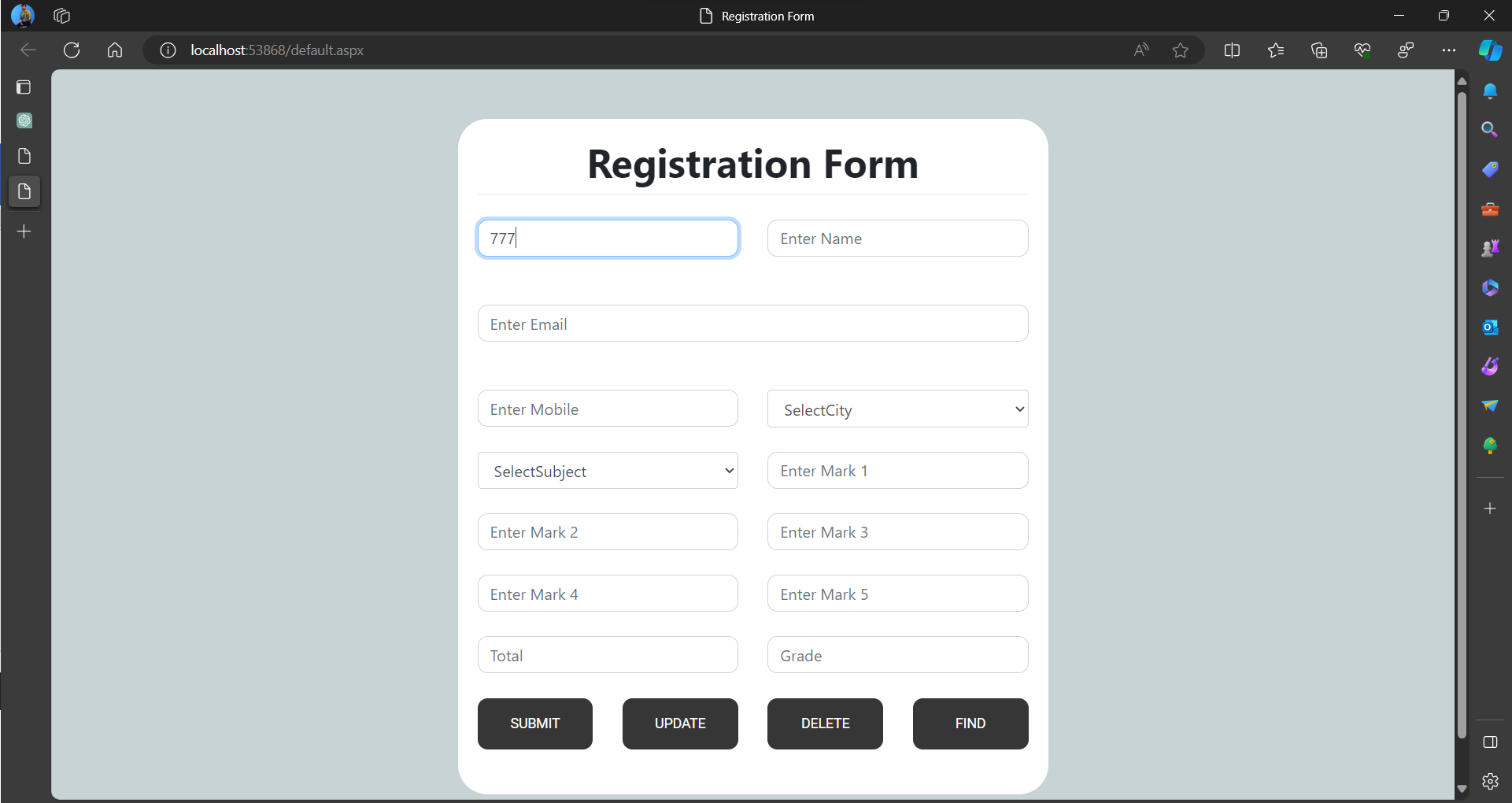
Output –

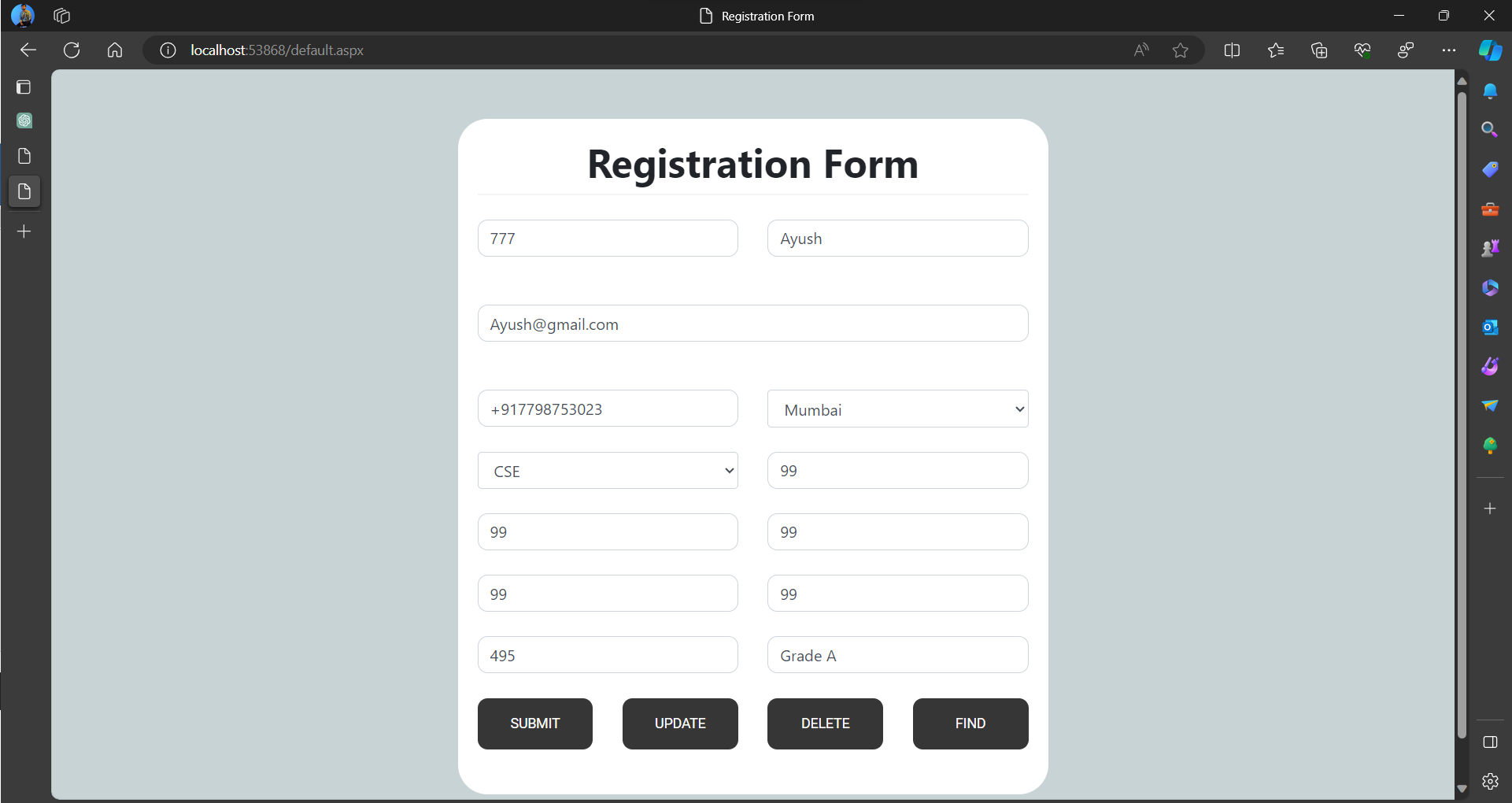
Screen 1 – Insert and Display message

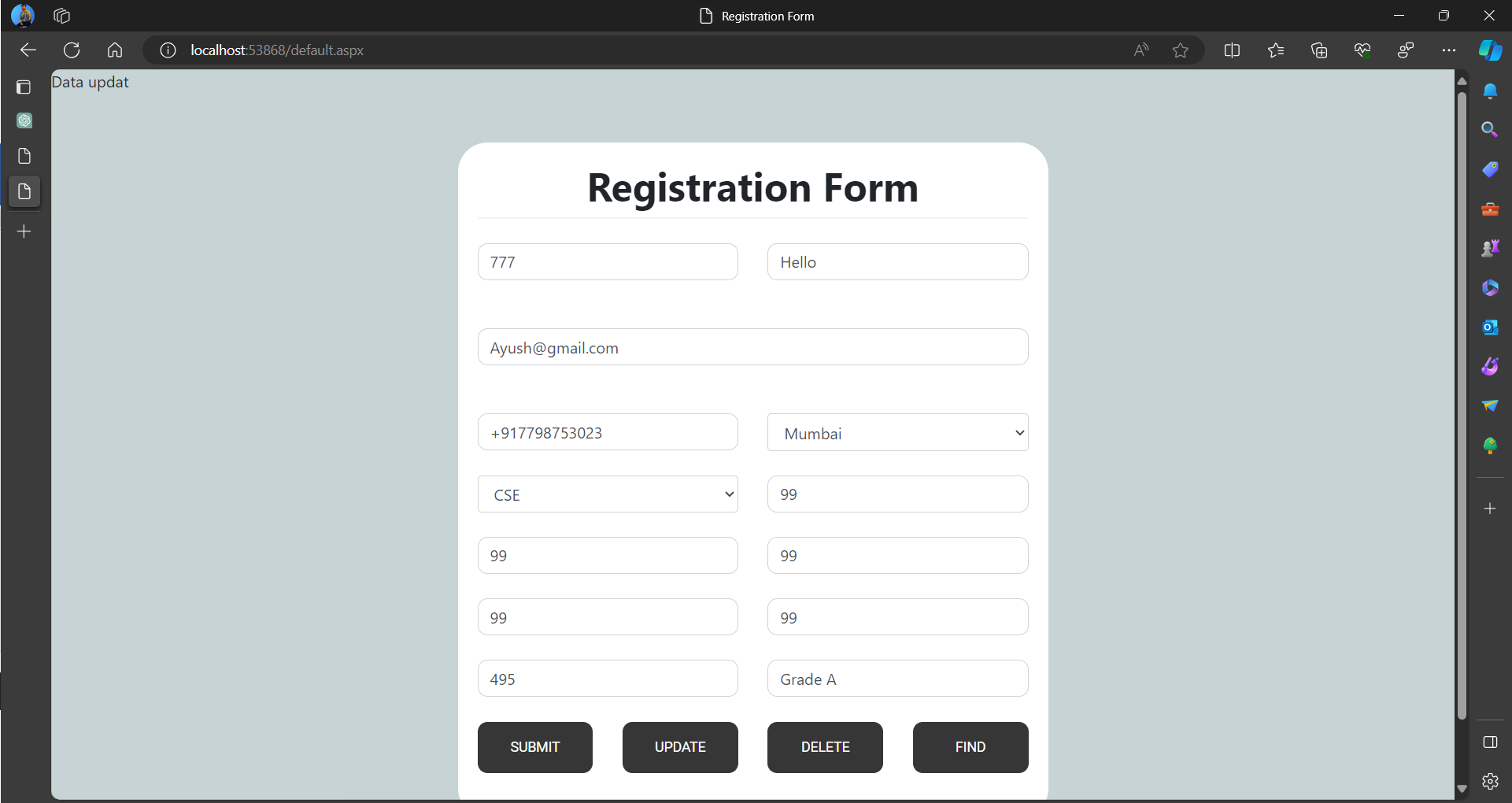


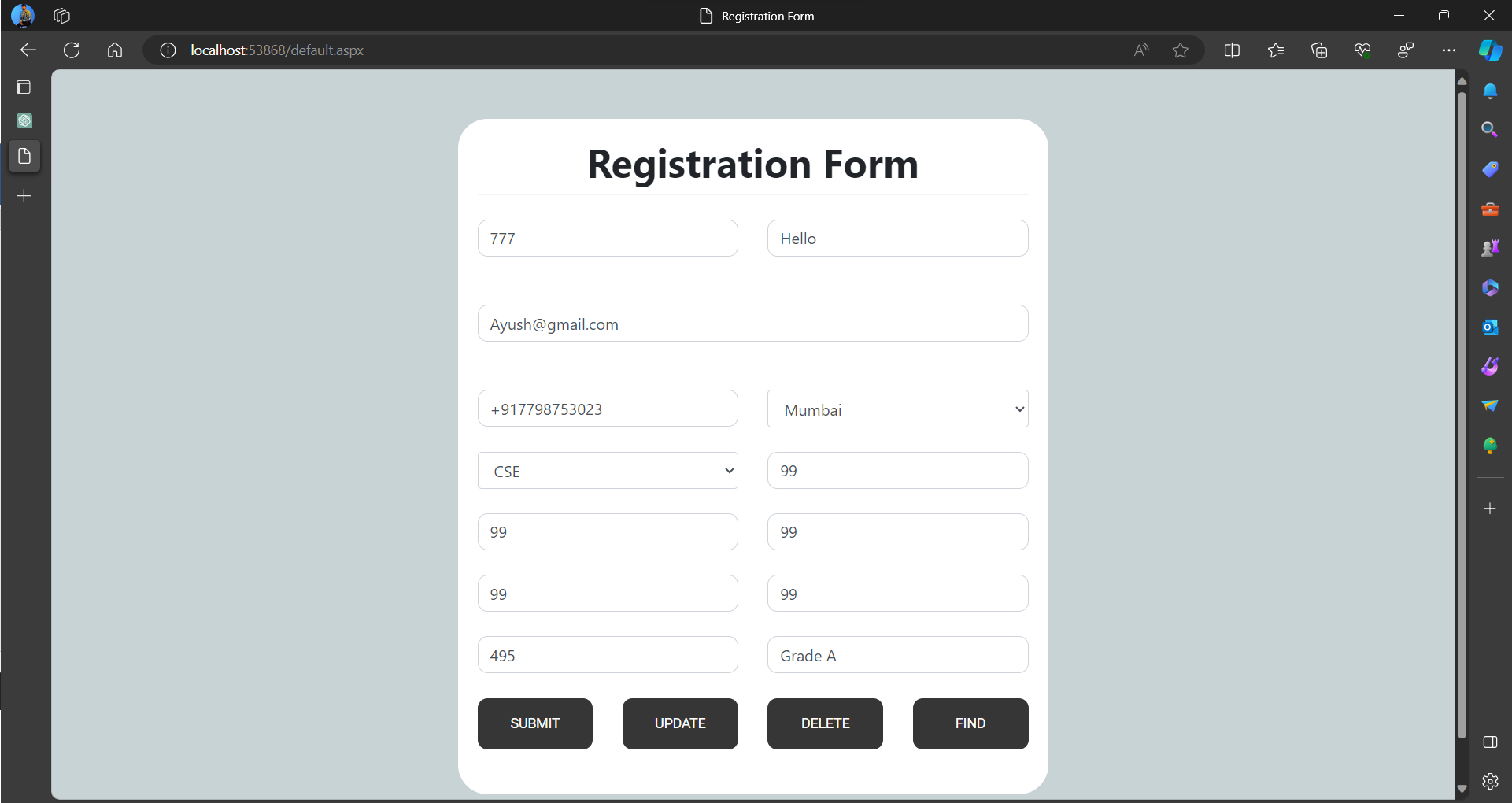


Screen 2 – FIND





Screen – 3 Update



Screen 4 - Delete

