**Practical-10**

**Aim:-** Develop a form which accepts and updates sr. no, roll no, name, branch, semester, and other personal information of student and store it into the database. You should be able to search and delete the information about a particular student.

**Code: Form1.cs**

using System;

using System.Collections.Generic;

using System.ComponentModel;

using System.Data;

using System.Drawing;

using System.Linq;

using System.Text;

using System.Threading.Tasks;

using System.Windows.Forms;

using System.Data.SqlClient;

namespace Practical\_10

{

public partial class Form1 : Form

{

public Form1()

{

InitializeComponent();

}

private void button1\_Click(object sender, EventArgs e)

{

SqlConnection cn = new SqlConnection(@"Data Source=(LocalDB)\MSSQLLocalDB;AttachDbFilename=C:\Users\Vandan\Documents\test1.mdf;Integrated Security=True;Connect Timeout=30");

cn.Open();

string gender = " ";

if (radioButton1.Checked == true)

{

gender = "male";

}

if(radioButton2.Checked==true)

{

gender = "female";

}

//string data = @"insert into Student\_information(EnrollmentNumber,Name) values ()";

string data = @"insert into Student\_information(EnrollmentNumber,Name,Gender,Branch,Semester,Email\_id,Address,State,Country) values('" + text\_enrollno.Text + "','" + text\_name.Text + "','" + gender + "','" + comboBox1.SelectedItem + "','" + comboBox2.SelectedItem + "','" + email\_id.Text + "','" + richTextBox1.Text + "','" + comboBox3.SelectedItem + "','" + comboBox4.SelectedItem + "')";

SqlCommand c1 = new SqlCommand(data,cn);

if(c1.ExecuteNonQuery()!=0)

{

MessageBox.Show("inserted successfully");

}

cn.Close();

}

private void button3\_Click(object sender, EventArgs e)

{

SqlConnection cn1 = new SqlConnection(@"Data Source=(LocalDB)\MSSQLLocalDB;AttachDbFilename=C:\Users\Vandan\Documents\test1.mdf;Integrated Security=True;Connect Timeout=30");

cn1.Open();

string search\_data= @"Select \* from Student\_information where EnrollmentNumber= '" + enroll\_search.Text + "'";

SqlCommand c2 = new SqlCommand(search\_data, cn1);

SqlDataReader d1 = c2.ExecuteReader();

while (d1.Read())

{

text\_enrollno.Text = d1.GetValue(0).ToString();

text\_name.Text = d1.GetValue(1).ToString();

String gender1 = d1.GetValue(2).ToString();

if (gender1 == "male")

{

radioButton1.Checked = true;

}

else

{

radioButton2.Checked = true;

}

comboBox1.SelectedItem = d1.GetValue(3).ToString();

comboBox2.SelectedItem = d1.GetValue(4).ToString();

email\_id.Text = d1.GetValue(5).ToString();

richTextBox1.Text = d1.GetValue(6).ToString();

comboBox3.SelectedItem = d1.GetValue(7).ToString();

comboBox4.SelectedItem = d1.GetValue(8).ToString();

}

cn1.Close();

}

private void button4\_Click(object sender, EventArgs e)

{

SqlConnection cn2 = new SqlConnection(@"Data Source=(LocalDB)\MSSQLLocalDB;AttachDbFilename=C:\Users\Vandan\Documents\test1.mdf;Integrated Security=True;Connect Timeout=30");

cn2.Open();

string update\_data = (@"update Student\_information set Semester='" + comboBox2.SelectedItem + "' where EnrollmentNumber= '" + text\_enrollno.Text + "'");

SqlCommand c3 = new SqlCommand(update\_data, cn2);

if (c3.ExecuteNonQuery() != 0)

{

MessageBox.Show("Data Update");

}

else

{

MessageBox.Show("Data not update");

}

cn2.Close();

}

private void button5\_Click(object sender, EventArgs e)

{

SqlConnection cn3 = new SqlConnection(@"Data Source=(LocalDB)\MSSQLLocalDB;AttachDbFilename=C:\Users\Vandan\Documents\test1.mdf;Integrated Security=True;Connect Timeout=30");

cn3.Open();

string delete = @"delete from Student\_information where EnrollmentNumber = '" + enroll\_search.Text + "' ";

SqlCommand cmd = new SqlCommand(delete, cn3);

if (cmd.ExecuteNonQuery() != 0)

{

MessageBox.Show("Done");

}

cn3.Close();

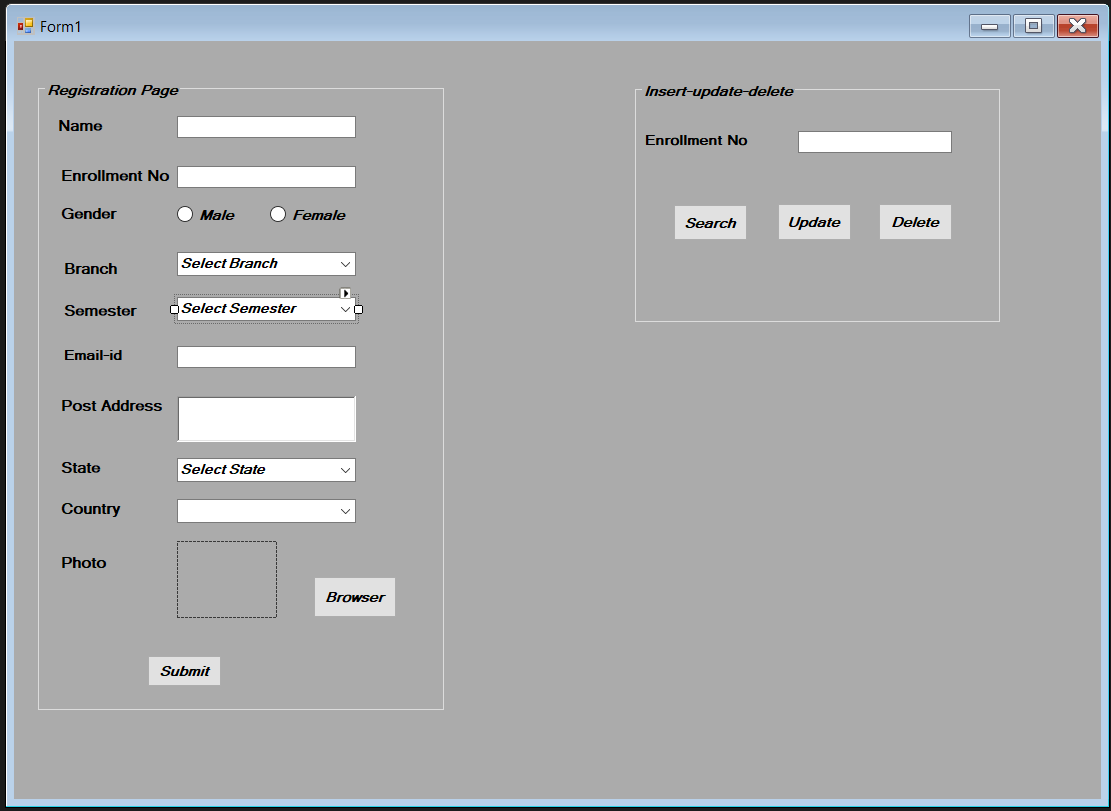
enroll\_search.Clear();

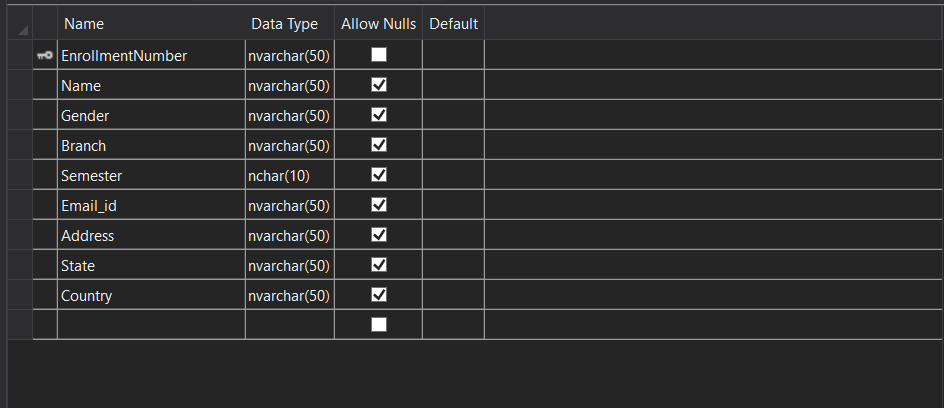
}

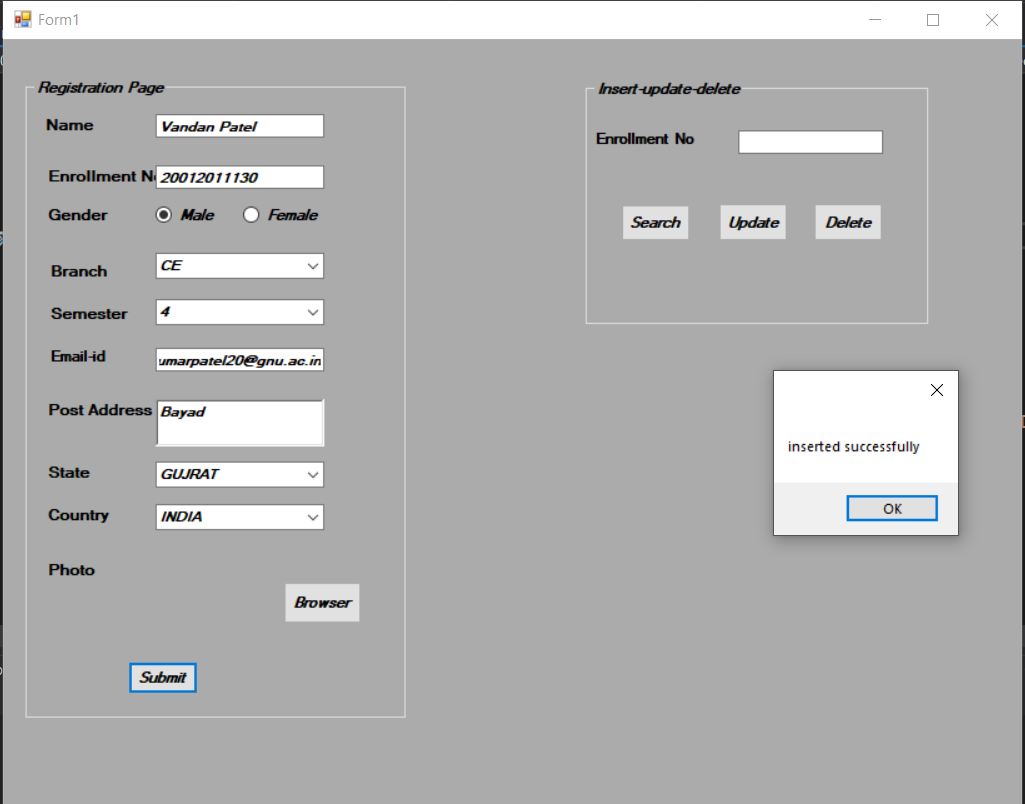
}

}

**Form1.cs[Design]**

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