Practical-10

Q) 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 WindowsFormsApp17
{
    public partial class Form1 : Form
    {
        SqlConnection    Sqlc    =    new    SqlConnection(@"Data
Source=(LocalDB)\MSSQLLocalDB;AttachDbFilename=C:\Users\Admin\OneD
rive\Documents\student.mdf;Integrated        Security=True;Connect
Timeout=30");
        public Form1()
        {
            InitializeComponent();
        }

        private void label1_Click(object sender, EventArgs e)
        {

        }

        private void label2_Click(object sender, EventArgs e)
        {

        }
```

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```csharp
        private void textBox1_TextChanged(object sender, EventArgs
e)
        {

        }

        private void textBox2_TextChanged(object sender, EventArgs
e)
        {

        }

        private void button1_Click(object sender, EventArgs e)
        {
            Sqlc.Open();
            SqlCommand cmd = Sqlc.CreateCommand();
            cmd.CommandType = CommandType.Text;
            cmd.CommandText = "insert  into  AB14  values('"  +
textBox1.Text + "','" + textBox2.Text + "')";
                if ((cmd.ExecuteNonQuery()) != 0)
                {
                    MessageBox.Show("Data Inserted!!");
                }
            Sqlc.Close();
            show_data();
        }
        public void show_data()
        {
            Sqlc.Open();
            SqlCommand cmd = Sqlc.CreateCommand();
            cmd.CommandType = CommandType.Text;
            cmd.CommandText = "select * from AB14";
            cmd.ExecuteNonQuery();
            DataTable dt = new DataTable();
            SqlDataAdapter ad = new SqlDataAdapter(cmd);
            ad.Fill(dt);
            dataGridView1.DataSource = dt;
            Sqlc.Close();
        }

        private void label3_Click(object sender, EventArgs e)
        {

        }

        private void textBox3_TextChanged(object sender, EventArgs
e)
        {

        }
```
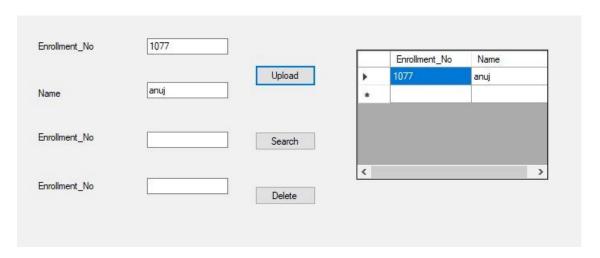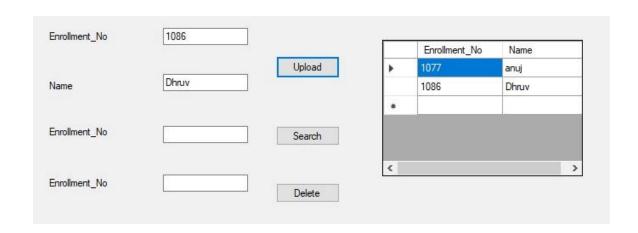
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```csharp
        private void button2_Click(object sender, EventArgs e)
        {
            Sqlc.Open();
            SqlCommand cmd = Sqlc.CreateCommand();
            cmd.CommandType = CommandType.Text;
            cmd.CommandText   =   "select   *   from   AB14   where
Enrollment_No = '" + textBox3.Text + "'";
            cmd.ExecuteNonQuery();
            DataTable dt = new DataTable();
            SqlDataAdapter ad = new SqlDataAdapter(cmd);
            ad.Fill(dt);
            dataGridView1.DataSource = dt;
            Sqlc.Close();

        }

        private void label4_Click(object sender, EventArgs e)
        {

        }

        private void textBox4_TextChanged(object sender, EventArgs
e)
        {

        }

        private void button3_Click(object sender, EventArgs e)
        {
            Sqlc.Open();
            SqlCommand cmd = Sqlc.CreateCommand();
            cmd.CommandType = CommandType.Text;
            cmd.CommandText = "delete from AB14 where Enrollment_No
= '" + textBox4.Text + "'";
            cmd.ExecuteNonQuery();
            Sqlc.Close();
            show_data();
        }

        private void Form1_Load(object sender, EventArgs e)
        {
            show_data();
        }
    }
}
```
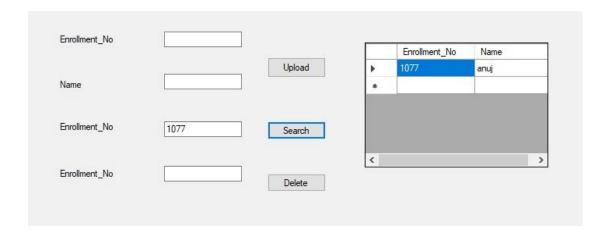
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Output :

Upload Data:

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Search Data:

Delete Data:

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