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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 ADO_first_trail_program
{
    public partial class Form1 : Form
    {
        public Form1()
        {
            InitializeComponent();
        }
        string str1 = "server= DESKTOP-1GU2RS7\\SQLEXPRESS;integrated
security=true;database=mkpit_sample1";
        SqlConnection conn1 = null;
        SqlCommand command1 = null;

        private void button1_Click(object sender, EventArgs e)
        {

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        try
        {
            conn1 = new SqlConnection(str1);
            string s11 = "insert into users(username,password) values('" +
textBox1.Text + "', '" + textBox2.Text + "')";
            command1 = new SqlCommand(s11, conn1);
            conn1.Open();
            command1.ExecuteNonQuery();
            textBox1.Clear();
            textBox2.Clear();
            textBox1.Focus();
            MessageBox.Show("Record saved successfully");

        }
        catch (Exception ee)
        {
            MessageBox.Show(ee.ToString());
        }
        finally
        {
            conn1.Close();
        }
    }

    private void button2_Click(object sender, EventArgs e)
    {
        try
        {
            conn1 = new SqlConnection(str1);
            string s22 = "update users set password='" + textBox2.Text + "'
where username='" + textBox1.Text + "' ";
            command1 = new SqlCommand(s22, conn1);
            conn1.Open();
            command1.ExecuteNonQuery();
            textBox1.Clear();
            textBox2.Clear();
            textBox1.Focus();
            MessageBox.Show("Record updated successfully");

        }
        catch (Exception ee)
        {
            MessageBox.Show(ee.ToString());
        }
        finally
        {
            conn1.Close();
        }
    }

    private void button3_Click(object sender, EventArgs e)
    {
        try
        {

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        conn1 = new SqlConnection(str1);
        string s33 = "delete from users where username='" + textBox1.Text +
";";

        command1 = new SqlCommand(s33, conn1);
        conn1.Open();
        command1.ExecuteNonQuery();
        textBox1.Clear();
        textBox2.Clear();
        textBox1.Focus();
        MessageBox.Show("Record deleted successfully");

    }
    catch (Exception ee)
    {
        MessageBox.Show(ee.ToString());
    }
    finally
    {
        conn1.Close();
    }
}

private void button4_Click(object sender, EventArgs e)
{
    try
    {
        int flag = 0;
        textBox2.Clear();
        conn1 = new SqlConnection(str1);
        string s44 = "select * from users where username='" + textBox1.Text
+ "'";

        command1 = new SqlCommand(s44, conn1);
        conn1.Open();
        SqlDataReader dr = command1.ExecuteReader();
        while (dr.Read())
        {
            textBox2.Text = dr["password"].ToString();
            flag = 1;
        }
        dr.Close();

        if (flag == 0)
        {
            MessageBox.Show("record not found");
        }

    }
    catch (Exception ee)
    {
        MessageBox.Show(ee.ToString());
    }
    finally
    {
        conn1.Close();
    }
}

```

}
}
}