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Program4-Program of student registration form.
using System;
using System.Collections.Generic;
using System.ComponentModel;
using System.Data;
using System.Drawing;
using System.Ling;
using System.Text;
using System.Threading.Tasks;
using System.Windows.Forms;
using System.Data.SqlClient;
namespace ado_student_registration_form
    public partial class Form1 : Form
        public Form1()
            InitializeComponent();
        }
        private void dateTimePicker1_ValueChanged(object sender, EventArgs e)
        string str = "server=HP-LAPTOP\\SQLEXPRESS;integrated
security=true;database=mkpsample";
        SqlConnection con = null;
        SqlCommand command = null;
        private void button1_Click(object sender, EventArgs e)
            try
            {
                string gender = null;
                if (radioButton1.Checked == true)
                    gender = radioButton1.Text;
                else if (radioButton2.Checked == true)
                    gender = radioButton2.Text;
                string hobby = null;
                if (checkBox1.Checked)
                    hobby = checkBox1.Text;
                if (checkBox2.Checked)
                    hobby += " " + checkBox2.Text;
                con = new SqlConnection(str);
                string qr = "insert into student(rno,studname,gender,hobby,city,dob)
values('" + textBox1.Text + "','" + textBox2.Text + "','" + gender + "','" + hobby +
"','" + comboBox1.Text + "','" + dateTimePicker1.Text + "')";
                command = new SqlCommand(qr, con);
                con.Open();
                command.ExecuteNonQuery();
                textBox1.Clear();
                textBox2.Clear();
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textBox1.Focus();
                label8.Text = "Record saved successfully";
            catch (Exception ee)
                MessageBox.Show(ee.ToString());
            }
            finally
            {
                con.Close();
            }
        }
        private void button2_Click(object sender, EventArgs e)
            try
            {
                string gender = null;
                if (radioButton1.Checked == true)
                    gender = radioButton1.Text;
                else if (radioButton2.Checked == true)
                    gender = radioButton2.Text;
                string hobby = null;
                if (checkBox1.Checked)
                    hobby = checkBox1.Text;
                if (checkBox2.Checked)
                    hobby += " " + checkBox2.Text;
                con = new SqlConnection(str);
                string qr = "update student set studname='" + textBox2.Text +
"',gender='" + gender + "',hobby='" + hobby + "',city='" + comboBox1.Text +
"',dob='" + dateTimePicker1.Text + "' where rno='" + textBox1.Text + "'";
                command = new SqlCommand(qr, con);
                con.Open();
                command.ExecuteNonQuery();
                textBox1.Clear();
                textBox2.Clear();
                textBox1.Focus();
                label8.Text = "Record updated successfully";
            catch (Exception ee)
                MessageBox.Show(ee.ToString());
            finally
            {
                con.Close();
            }
        }
        private void button3_Click(object sender, EventArgs e)
            try
            {
                con = new SqlConnection(str);
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string qr = "delete from student where rno='" + textBox1.Text + "'
or studname='" + textBox2.Text + "' ";
                command = new SqlCommand(qr, con);
                con.Open();
                command.ExecuteNonQuery();
                textBox1.Clear();
                textBox2.Clear();
                textBox1.Focus();
                label8.Text = "Record deleted successfully";
            }
            catch (Exception ee)
                MessageBox.Show(ee.ToString());
            }
            finally
            {
                con.Close();
            }
        }
        private void button4_Click(object sender, EventArgs e)
            try
            {
                con = new SqlConnection(str);
                string qr = "select * from student where rno='" + textBox1.Text + "'
";
                command = new SqlCommand(qr, con);
                con.Open();
                SqlDataReader dr = command.ExecuteReader();
                int flag = 0;
                textBox2.Clear();
                checkBox1.Checked = false;
                checkBox2.Checked = false;
                while (dr.Read())
                {
                    flag = 1;
                    textBox2.Text = dr["studname"].ToString();
                    string gen = dr["gender"].ToString();
                    if (gen == "male")
                        radioButton1.Checked = true;
                    else if (gen == "female")
                        radioButton2.Checked = true;
                    string hob = dr["hobby"].ToString();
                    if (hob == "")
                    {
                    }
                    else if (hob == "music")
                        checkBox1.Checked = true;
                    }
                    else
                    {
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checkBox1.Checked = true;
                               checkBox2.Checked = true;
                          }
                          comboBox1.Text = dr["city"].ToString();
                          dateTimePicker1.Text = dr["dob"].ToString();
                     }
                    dr.Close();
                    if (flag == 0)
                          MessageBox.Show("Record not found");
               }
               catch (Exception ee)
                    MessageBox.Show(ee.ToString());
               finally
                {
                     con.Close();
               }
          }
     }
}
Output-
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Form1.cs 🕸
                        Student Registration Form

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