

Program3-Program of save, update, delete and search record.

```
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_program1
{
    public partial class Form1 : Form
    {
        public Form1()
        {
            InitializeComponent();
        }
        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
            {
                con = new SqlConnection(str);
                string qr = "insert into users(username,password)values('" +
textBox1.Text + "','" + textBox2.Text + "')";
                command = new SqlCommand(qr, con);
                con.Open();
                command.ExecuteNonQuery();
                textBox1.Clear();
                textBox2.Clear();
                textBox1.Focus();
                MessageBox.Show("Record saved successfully");
            }
            catch (Exception ee)
            {
                MessageBox.Show(ee.ToString());
            }
            finally
            {
                con.Close();
            }
        }

        private void label2_Click(object sender, EventArgs e)
        {
        }

        private void button2_Click(object sender, EventArgs e)
        {
            try
```

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        {
            con = new SqlConnection(str);
            string qr = "update users set password='" + textBox2.Text + "'where
username='" + textBox1.Text + "' ";
            command = new SqlCommand(qr, con);
            con.Open();
            command.ExecuteNonQuery();
            textBox1.Clear();
            textBox2.Clear();
            textBox1.Focus();
            MessageBox.Show("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);
            string qr = "delete from users where username='" + textBox1.Text +
            "' ";

            command = new SqlCommand(qr, con);
            con.Open();
            command.ExecuteNonQuery();
            textBox1.Clear();
            textBox2.Clear();
            textBox1.Focus();
            MessageBox.Show("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 users where username='" + textBox1.Text +
            "' ";

            command = new SqlCommand(qr, con);
            con.Open();
            SqlDataReader dr = command.ExecuteReader();
            int flag = 0;

```

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        textBox2.Clear();
        while (dr.Read())
        {
            flag = 1;
            textBox2.Text = dr["password"].ToString();
        }
        dr.Close();
        if (flag == 0)
        {
            MessageBox.Show("Record not found");
        }
    }
    catch (Exception ee)
    {
        MessageBox.Show(ee.ToString());
    }
    finally
    {
        con.Close();
    }
}
}
}
Output-

```

