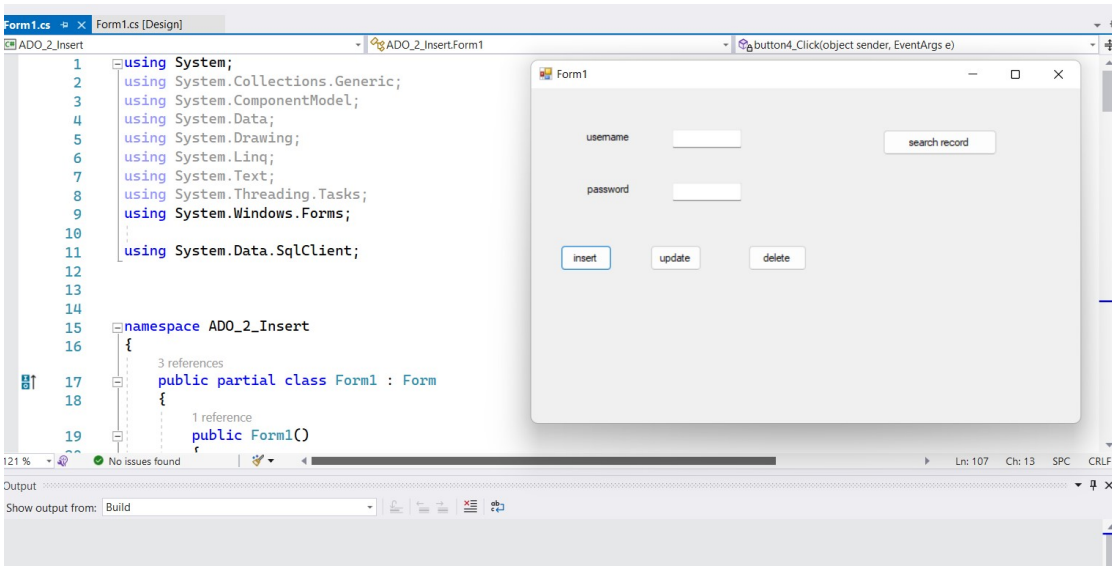


```
using System;
using System.Collections.Generic;
using System.ComponentModel;
using System.Data;
using System.Drawing;
using System.Linq;
using System.Text;
using System.Threading.Tasks;
using System.Windows.Forms;


using System.Data.SqlClient;




namespace ADO_2_Insert
{
    public partial class Form1 : Form
    {
```

```
        public Form1()
        {
            InitializeComponent();
        }
        //creating a connecting string
        string str = "server=.\\SQLEXPRESS;integrated
security=true;database=mkp";
        SqlConnection conn = null;
        SqlCommand cmd = null;
        private void button1_Click(object sender, EventArgs e)
        {
            //Use sql class to connect to sqlserver database
            try {
                conn = new SqlConnection(str);
                string qr = "insert into demo (username,password) values('"
+ textBox1.Text + "','" + textBox2.Text + " ')";

                cmd = new SqlCommand(qr, conn);
                conn.Open();  //in connected env. you have to explicitly
open the connection using open method
                cmd.ExecuteNonQuery();
                textBox1.Clear();
                textBox2.Clear();
                textBox1.Focus();
                MessageBox.Show("record saved successfully");
            }
            catch (Exception ex)
            {
                MessageBox.Show(ex.ToString());
            }
            finally
```

```
            {
                conn.Close();
            }

        }

        private void button2_Click(object sender, EventArgs e)
        {
            //2 - use sqlconnection class to connect to sqlserver database
            try
            {
                conn = new SqlConnection(str);
                string qr = "update demo set password=' " + textBox2.Text +
" 'where username='" + textBox1.Text + " ' ";
                cmd = new SqlCommand(qr, conn);
                conn.Open();
                //in connected env. you have to explicitly open the
connection using open method
                cmd.ExecuteNonQuery();
                textBox1.Clear();
                textBox2.Clear();
                textBox1.Focus();
                MessageBox.Show("updated successfully");
            }
            catch (Exception ex)
            {
                MessageBox.Show(ex.ToString());
            }
            finally
            {
```

```
                conn.Close();
            }
        }

        private void button3_Click(object sender, EventArgs e)
        {
            //2 - use sqlconnection class to connect to sqlserver database
            try
            {
                conn = new SqlConnection(str);
                string qr = "delete from demo where username = '" +
textBox1.Text + " ' ";
                cmd = new SqlCommand(qr, conn);
                conn.Open(); //in connected env. you have to explicitly
open the connection using open method
                cmd.ExecuteNonQuery();
                textBox1.Clear();
                textBox2.Clear();
                textBox1.Focus();
                MessageBox.Show("record deleted  succ.");
            }
            catch (Exception ee)
            {
                MessageBox.Show(ee.ToString());
            }
            finally
            {
                conn.Close();
            }
```

```
        }


        private void button4_Click(object sender, EventArgs e)

        {


                try

                {

                    conn = new SqlConnection(str);

                    string qr = "select * from demo where username='" +
textBox1.Text + "' ";

                    cmd = new SqlCommand(qr, conn);

                    conn.Open();//in connected env. you have to explicitly
open the connection using open method

                                //sqldatareader class - used to hold
records returned from sqlserver

                    SqlDataReader dr = cmd.ExecuteReader();

                    int flag = 0;

                    textBox2.Clear();

                    while (dr.Read())

                    {

                        flag = 1;

                        textBox2.Text = dr["password"].ToString();


                    }

                    dr.Close();

                    //MessageBox.Show("record deleted  succ.");

                    if (flag == 0)

                    {

                        MessageBox.Show("record not found");

                    }

                }
```

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

                    conn.Close();
                }

            }
        }

    }
```