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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 Login_form_with_database_connection
{
    public partial class Form1 : Form
    {
        public Form1()
        {
            InitializeComponent();
        }
        string str = "server= DESKTOP-1GU2RS7\\SQLEXPRESS;integrated
security=true;database=mkpit_sample1";
        SqlConnection conn = null;
        SqlCommand comm = null;
        private void button2_Click(object sender, EventArgs e)
        {
            textBox1.Clear();
            textBox2.Clear();
            textBox1.Focus();
        }
    }
}
```

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    }

    private void button1_Click(object sender, EventArgs e)
    {
        try
        {
            conn = new SqlConnection(str);
            string s1 = "select count(*) from users where username=@username and
password=@password";
            comm = new SqlCommand(s1, conn);
            comm.Parameters.Add("@username", SqlDbType.VarChar, 20).Value =
textBox1.Text;
            comm.Parameters.Add("@password", SqlDbType.VarChar, 20).Value =
textBox2.Text;
            conn.Open();

            int cnt=Convert.ToInt32(comm.ExecuteScalar());
            if(cnt>0)
            {
                MessageBox.Show("Login successful");
                Form2 f2 = new Form2();
                f2.Show();
                this.Hide();
            }
            else
            {
                MessageBox.Show("Invalid credentials, Try again!");
            }

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

```