

BANARAS HINDU UNIVERSITY

DATABASE MANAGEMENT SYSTEM

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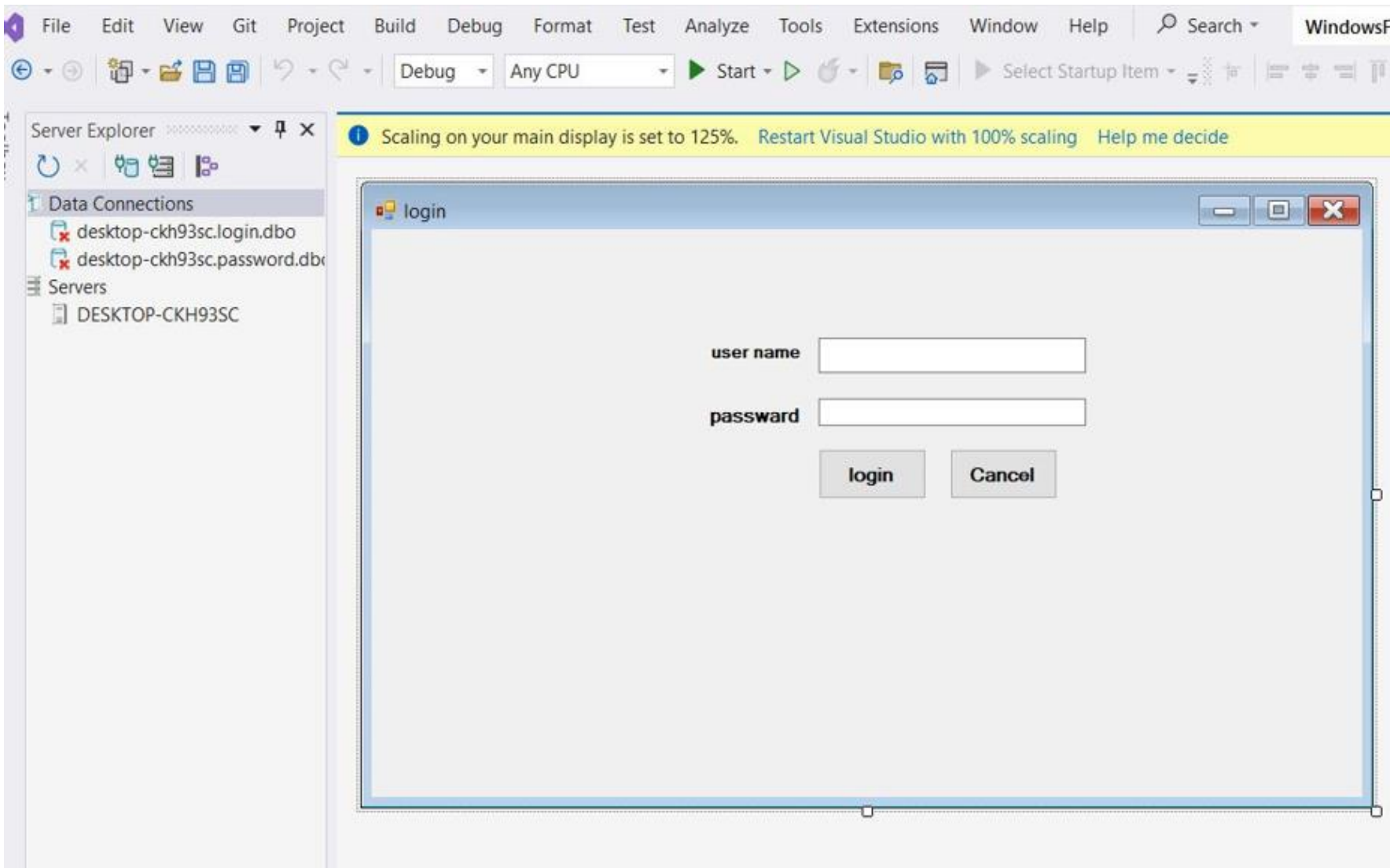
YEAR:3rd year sem 5th 2023-2024

BACKEND DATABASE CONNECTION WITH SSMS AND VISUAL STUDIO 2022

LOGIN FORM

SCRIPTING LANGUAGE: C#

LOGIN FORM INTERFACE



CODE FOR CREATING THE LOGIN FORM

Click on the login button and start coding

```
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 WindowsFormsApp1
{
    public partial class Form1 : Form
    {
        public Form1()
        {
            InitializeComponent();
        }

        private void textBox1_TextChanged(object sender, EventArgs e)
        {
        }

        private void label1_Click(object sender, EventArgs e)
        {
        }

        private void button2_Click(object sender, EventArgs e)
        {
        }

        private void Form1_Load(object sender, EventArgs e)
        {
        }

        private void button1_Click(object sender, EventArgs e)
        {
            if (textBox1.Text == "")
            {
                MessageBox.Show("Enter the username");
            }

            else if (textBox2.Text == "")
            {
                MessageBox.Show("Enter the password");
            }
        }
    }
}
```

```

    }
    else
    {
        try
        {
            SqlConnection con = new SqlConnection("Data Source=DESKTOP-CKH93SC;Initial
Catalog=login;Integrated Security=True");
            SqlCommand cmd = new SqlCommand("select * from table_login where username=@username and
password=@password", con);
            cmd.Parameters.AddWithValue("@username", textBox1.Text);
            cmd.Parameters.AddWithValue("@password", textBox2.Text);
            SqlDataAdapter da = new SqlDataAdapter(cmd);
            DataTable dt = new DataTable();

            da.Fill(dt);
            if (dt.Rows.Count > 0)
            {
                MessageBox.Show("login successfull");
            }
            else
            {
                MessageBox.Show("username or password is invalid");
            }

        }
        catch (Exception ex)
        {
            MessageBox.Show("" + ex);
        }
    }
}
}

```