using System;

using System.Collections.Generic;

using System.Linq;

using System.Threading.Tasks;

using System.Windows.Forms;

namespace fghjk

{

internal static class Program

{

/// <summary>

/// Главная точка входа для приложения.

/// </summary>

[STAThread]

static void Main()

{

Application.EnableVisualStyles();

Application.SetCompatibleTextRenderingDefault(false);

Application.Run(new Sign\_up());

}

}

}

namespace fghjk

{

public partial class log\_in : Form

{

public log\_in()

{

InitializeComponent();

}

private void label2\_Click(object sender, EventArgs e)

{

}

private void textBox1\_TextChanged(object sender, EventArgs e)

{

}

private void button1\_Click(object sender, EventArgs e)

{

}

private void log\_in\_Load(object sender, EventArgs e)

{

textBox2.PasswordChar = '\*';

textBox1.MaxLength = 50;

textBox2.MaxLength = 50;

}

private void button2\_Click(object sender, EventArgs e)

{

DataBase dataBase = new DataBase();

var loginUser = textBox1.Text;

var passUser = textBox2.Text;

SqlDataAdapter adapter = new SqlDataAdapter();

DataTable table = new DataTable();

string querystring = $"select id\_user, login\_user, password\_user from register where login\_user = '{loginUser}' and password\_user = '{passUser}'"; SqlCommand command = new

SqlCommand(querystring, dataBase.getConnection());

adapter.SelectCommand = command;

adapter.Fill(table);

if (table.Rows.Count == 1)

{

MessageBox.Show("Bu успeшно вошли!", "успешно!", MessageBoxButtons.OK, MessageBoxIcon.Information);

Form1 frm1 = new Form1();

this.Hide();

frm1.ShowDialog();

this.Show();

}

else

MessageBox.Show("Тaкoго aккаунта не существует!", "Аккаунта не существуeт!!", MessageBoxButtons.OK, MessageBoxIcon.Warning);

}

private void linkLabel1\_LinkClicked(object sender, LinkLabelLinkClickedEventArgs e)

{

Sign\_up frm\_sign = new Sign\_up();

frm\_sign.Show();

this.Hide();

}

}

}

namespace fghjk

{

public partial class Sign\_up : Form

{

public Sign\_up()

{

InitializeComponent();

}

private void label2\_Click(object sender, EventArgs e)

{

}

private void textBox1\_TextChanged(object sender, EventArgs e)

{

}

private void button1\_Click(object sender, EventArgs e)

{

DataBase dataBase = new DataBase();

string login = textBox2.Text;

string password = textBox1.Text;

string querysrting = ($"insert into register(login\_user, password\_user) values ('{login}', '{password}')");

SqlCommand command = new SqlCommand(querysrting, dataBase.getConnection());

dataBase.openConnection();

if (command.ExecuteNonQuery() == 1)

{

MessageBox.Show("Аккаунт успешно создан!", "Успех!");

log\_in frm\_login = new log\_in();

this.Hide();

frm\_login.ShowDialog();

}

else

{

MessageBox.Show("Аккаунт не создан!");

}

dataBase.closeConnection();

}

private void label1\_Click(object sender, EventArgs e)

{

}

private void linkLabel1\_LinkClicked(object sender, LinkLabelLinkClickedEventArgs e)

{

Sign\_up frm\_sign = new Sign\_up();

frm\_sign.Show();

this.Hide();

}

private void Sign\_up\_Load(object sender, EventArgs e)

{

}

private void textBox2\_TextChanged(object sender, EventArgs e)

{

}

private void textBox3\_TextChanged(object sender, EventArgs e)

{

}

}

}

namespace fghjk

{

internal class DataBase

{

SqlConnection sqlConnection = new SqlConnection(@"Data Source = DESKTOP-JE8L9O0; Initial Catalog = register; Integrated Security= True");

public void openConnection()

{

if (sqlConnection.State == System.Data.ConnectionState.Closed)

{

sqlConnection.Open();

}

}

public void closeConnection()

{

if (sqlConnection.State == System.Data.ConnectionState.Open)

{

sqlConnection.Close();

}

}

public SqlConnection getConnection()

{

return sqlConnection;

}

}

}

namespace fghjk

{

public partial class Form1 : Form

{

public Form1()

{

InitializeComponent();

}

private void Form1\_Load(object sender, EventArgs e)

{

LoadData();

}

private void LoadData()

{

string connectString = "Data Source=DESKTOP-OP1S0BT;Initial Catalog=romaandkirill;Integrated Security=true;";

using (SqlConnection myConnection = new SqlConnection(connectString))

{

try

{

myConnection.Open();

Console.WriteLine("Подключение к базе данных успешно!");

string query = "SELECT \* FROM Faculties3 ORDER BY fac\_id";

SqlCommand command = new SqlCommand(query, myConnection);

SqlDataReader reader = command.ExecuteReader();

List<string[]> data = new List<string[]>();

while (reader.Read())

{

string[] row = new string[3];

row[0] = reader["fac\_id"].ToString();

row[1] = reader["fac\_name\_full"].ToString();

row[2] = reader["fac\_name\_abbr"].ToString();

data.Add(row);

}

reader.Close();

foreach (string[] s in data)

{

dataGridView1.Rows.Add(s);

}

}

catch (SqlException ex)

{

MessageBox.Show("Ошибка при подключении к базе данных: " + ex.Message, "Ошибка", MessageBoxButtons.OK, MessageBoxIcon.Error);

}

catch (Exception ex)

{

MessageBox.Show("Произошла непредвиденная ошибка: " + ex.Message, "Ошибка", MessageBoxButtons.OK, MessageBoxIcon.Error);

}

}

}

private void dataGridView1\_CellContentClick(object sender, DataGridViewCellEventArgs e)

{

}

private void button1\_Click(object sender, EventArgs e)

{

string facNameFull = textBox1.Text;

string facNameAbbr = textBox2.Text;

string connectString = "Data Source=DESKTOP-OP1S0BT;Initial Catalog=romaandkirill;Integrated Security=true;";

using (SqlConnection myConnection = new SqlConnection(connectString))

{

myConnection.Open();

string query = "INSERT INTO Faculties3 (fac\_name\_full, fac\_name\_abbr) VALUES (@fullName, @abbr); SELECT SCOPE\_IDENTITY();";

using (SqlCommand command = new SqlCommand(query, myConnection))

{

command.Parameters.AddWithValue("@fullName", facNameFull);

command.Parameters.AddWithValue("@abbr", facNameAbbr);

int newId = Convert.ToInt32(command.ExecuteScalar());

dataGridView1.Rows.Add(new object[] { newId, facNameFull, facNameAbbr });

}

}

textBox1.Clear();

textBox2.Clear();

}

}

}