

## Дем экзамен 2 задание – Ключникова

### Код для SQL:

```
CREATE TABLE register(  
id_user int IDENTITY(1,1) NOT NULL,  
login_user varchar(50) NOT NULL,  
password_user varchar(50) NOT NULL,  
);
```

```
INSERT INTO register (login_user, password_user) VALUES ('student',  
'123')
```

```
SELECT * FROM register
```

### Код для класса:

```
using System;  
using System.Collections.Generic;  
using System.Data.SqlClient;  
using System.Linq;  
using System.Text;  
using System.Threading.Tasks;  
  
namespace demka2  
{  
    internal class Class1  
    {  
        SqlConnection sqlConnection = new SqlConnection(@"Data Source =  
WIN-YUP7LIUENKV;Initial Catalog = lil;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; }  
    }  
}
```

**Код для формы1:**

```
using System;
using System.Data;
using System.Data.SqlClient;
using System.Windows.Forms;

namespace demka2
{
    public partial class Form1 : Form
    {
        Class1 database = new Class1();

        public Form1()
        {
            InitializeComponent();
        }

        private void button1_Click(object sender, EventArgs e)
        {
            var login = textBox1.Text;
            var password = textBox2.Text;

            if (string.IsNullOrEmpty(login) ||
                string.IsNullOrEmpty(password))
            {
                MessageBox.Show("Заполните все поля!", "Ошибка",
                    MessageBoxButtons.OK, MessageBoxIcon.Warning);
                return;
            }

            string querystring = "INSERT INTO register (login_user,
                password_user) VALUES (@login, @password)";

            using (SqlCommand command = new SqlCommand(querystring,
                database.GetConnection()))
            {
                // Параметризованный запрос
                command.Parameters.Add("@login",
                    SqlDbType.NVarChar).Value = login;
                command.Parameters.Add("@password",
                    SqlDbType.NVarChar).Value = password;

                try
                {

```



```

using System.Linq;
using System.Text;
using System.Threading.Tasks;
using System.Windows.Forms;

namespace demka2
{
    public partial class Form2 : Form
    {
        Class1 database = new Class1();
        public Form2()
        {
            InitializeComponent();
            textBox2.PasswordChar = '*';
            textBox1.MaxLength = 50;
            textBox2.MaxLength = 50;
        }

        private void button1_Click(object sender, EventArgs e)
        {
            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("Вы успешно вошли!", "Успешно!",
MessageBoxButtons.OK, MessageBoxIcon.Information);
                Form1 frm1 = new Form1();
                this.Hide();
                frm1.ShowDialog();
                this.Show();
            }
            else
            {

```

```

        MessageBox.Show("Такого аккаунта не существует!", "Аккаунт  
не существует!", MessageBoxButtons.OK, MessageBoxIcon.Warning);
    }

}

private void button2_Click(object sender, EventArgs e)
{
    Form1 frm_sign = new Form1();
    frm_sign.Show();
    this.Hide();
}

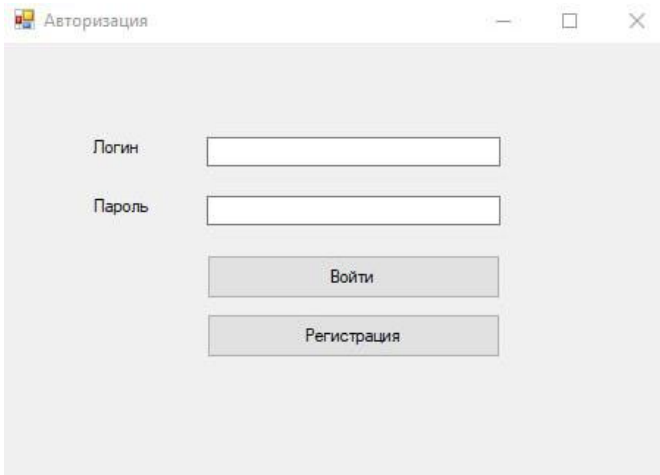
private void Form2_Load(object sender, EventArgs e)

{

}

}
}

```



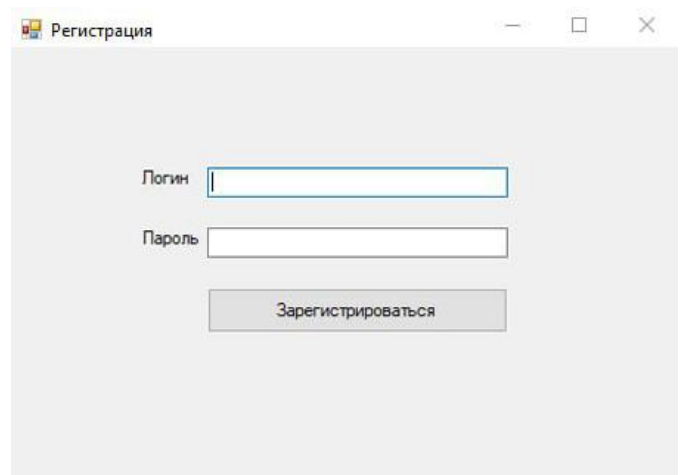
Авторизация

Логин

Пароль

Войти

Регистрация



Регистрация

Логин

Пароль

Зарегистрироваться

