```csharp
1       using System;
2       using System.Collections.Generic;
3       using System.Linq;
4       using System.Text;
5       using System.Threading.Tasks;
6       using System.Data.SqlClient;
7
8       namespace Practice
9       {
            Ссылок: 6
10          internal class Class1
11          {
12              SqlConnection sqlConnection = new SqlConnection(@"Data Source = DESKTOP-SPIBIG4;Initial Catalog = pipi;Integrated Security = True");
13
                Ссылок: 1
14              public void openConnection()
15              {
16                  if (sqlConnection.State == System.Data.ConnectionState.Closed) { sqlConnection.Open(); }
17              }
18
                Ссылок: 1
19              public void closeConnection()
20              {
21                  if (sqlConnection.State == System.Data.ConnectionState.Open) { sqlConnection.Close(); }
22              }
23
                Ссылок: 2
24              public SqlConnection getConnection()
25              {
26                  return sqlConnection;
27              }
28
```

C# Practice ▾ ⚙ Practice.Program

```csharp
using System;
using System.Collections.Generic;
using System.Linq;
using System.Threading.Tasks;
using System.Windows.Forms;

namespace Practice
{
    Ссылок 0
    internal static class Program
    {
        /// <summary>
        /// Главная точка входа для приложения.
        /// </summary>
        [STAThread]
        Ссылок 0
        static void Main()
        {
            Application.EnableVisualStyles();
            Application.SetCompatibleTextRenderingDefault(false);
            Application.Run(new Form2());
        }
    }
}
```

```csharp
1      using System;
2      using System.Collections.Generic;
3      using System.ComponentModel;
4      using System.Data;
5      using System.Data.SqlClient;
6      using System.Drawing;
7      using System.Linq;
8      using System.Text;
9      using System.Threading.Tasks;
10     using System.Windows.Forms;
11
12     namespace Practice
13     {
           Ссылок 6
14         public partial class Form1 : Form
15         {
16             Class1 database = new Class1();
               Ссылок 2
17             public Form1()
18             {
19                 InitializeComponent();
20             }
21
               Ссылок 1
22             private void Form1_Load(object sender, EventArgs e)
23             {
24
25             }
```

```csharp
           Ссылок 1
27         private void button1_Click(object sender, EventArgs e)
28         {
29             Class1 database = new Class1();
30
31             var login = textBox1.Text;
32             var password = textBox2.Text;
33
34             string querystring = $"insert into register(login_user, password_user) values('{login}', '{password}')";
35
36             SqlCommand command = new SqlCommand(querystring, database.getConnection());
37
38             database.openConnection();
39
40             if (command.ExecuteNonQuery() == 1)
41             {
42                 MessageBox.Show("Аккаунт успешно создан!", "Успех!");
43                 Form2 ftm_login = new Form2();
44                 this.Hide();
45                 ftm_login.ShowDialog();
46             }
47             else
48             {
49                 MessageBox.Show("Аккаунт не создан!");
50             }
51             database.closeConnection();
52         }
53
```

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

namespace Practice

{   public partial class Form1 : Form
   {      Class1 database = new Class1();
     public Form1()      {
        InitializeComponent();
   }

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

     private void button1_Click(object sender, EventArgs e)      {
       Class1 database = new Class1();
       var login = textBox1.Text;        var password = textBox2.Text;
       string querystring = $"insert into register(login_user, password_user) values('{login}', '{password}')";
       SqlCommand command = new SqlCommand(querystring, database.getConnection());
       database.openConnection();
       if (command.ExecuteNonQuery() == 1)
       {        MessageBox.Show("Аккаунт успешно создан!", "Успех!");
         Form2 ftm_login = new Form2();           this.Hide();
         ftm_login.ShowDialog();         }
       else       {
         MessageBox.Show("Аккаунт не создан!");         }
       database.closeConnection();
   }
```

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

namespace Practice
{
    // Ссылок 5
    public partial class Form2 : Form
    {
        Class1 database = new Class1();
        // Ссылок 2
        public Form2()
        {
            InitializeComponent();
        }


        // Ссылок 1
        private void Form2_Load(object sender, EventArgs e)
        {
            textBox2.PasswordChar = '*';
            textBox1.MaxLength = 50;
            textBox2.MaxLength = 50;
        }
```

```csharp
        // Ссылок 1
        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!", "Аккаунта не существует!", MessageBoxButtons.OK, MessageBoxIcon.Warning);
        }
```

```csharp
        // Ссылок 1
        private void label3_Click(object sender, EventArgs e)
        {
            Form1 frm_sing = new Form1();
            frm_sing.Show();
            this.Hide();
        }
    }
}
```

Можно и кнопку

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

namespace Practice

{   public partial class Form2 : Form
   {      Class1 database = new Class1();
      public Form2()      {
         InitializeComponent();      }

      private void Form2_Load(object sender, EventArgs e)
      {        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!", "Аккаунта не существует!", MessageBoxButtons.OK, MessageBoxIcon.Warning);      }

      private void label3_Click(object sender, EventArgs e)
      {        Form1 frm_sing = new Form1();
         frm_sing.Show();        this.Hide();
      }  }
}
```
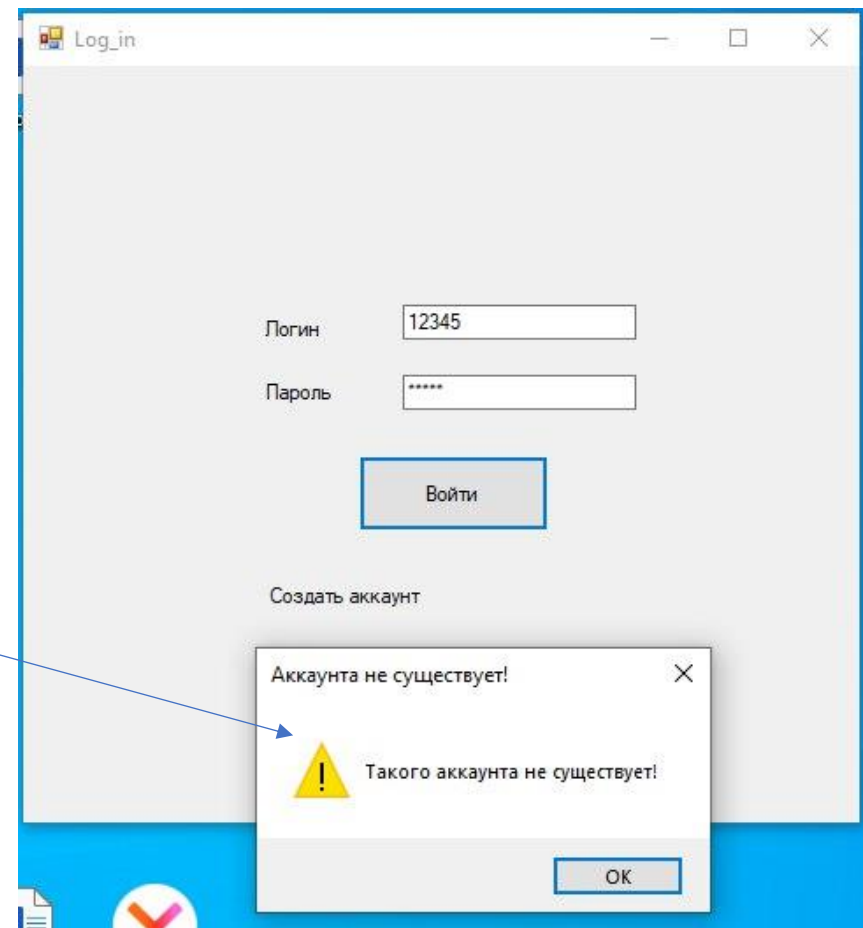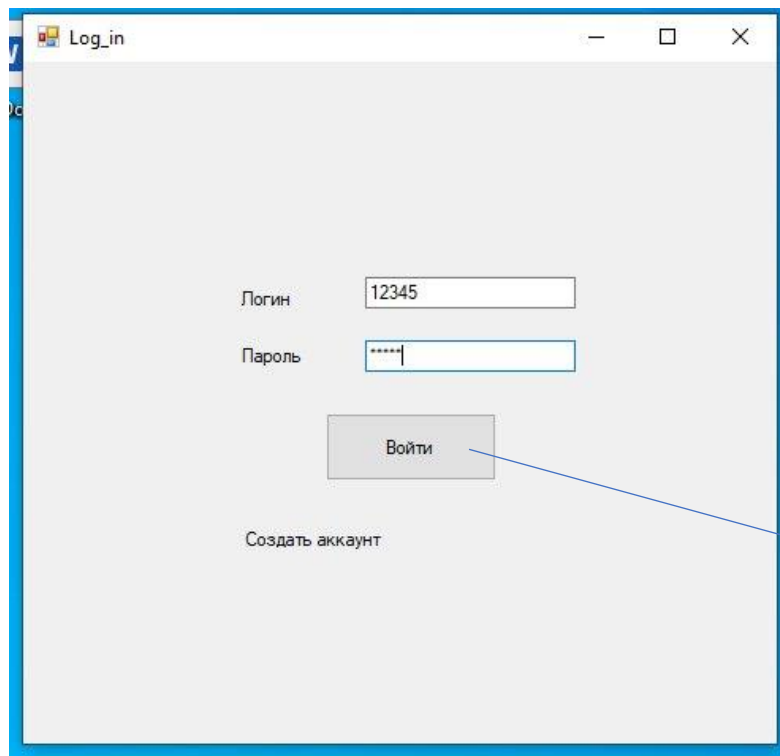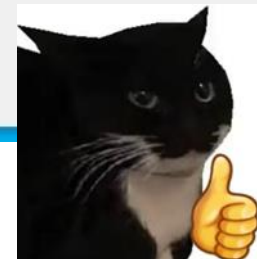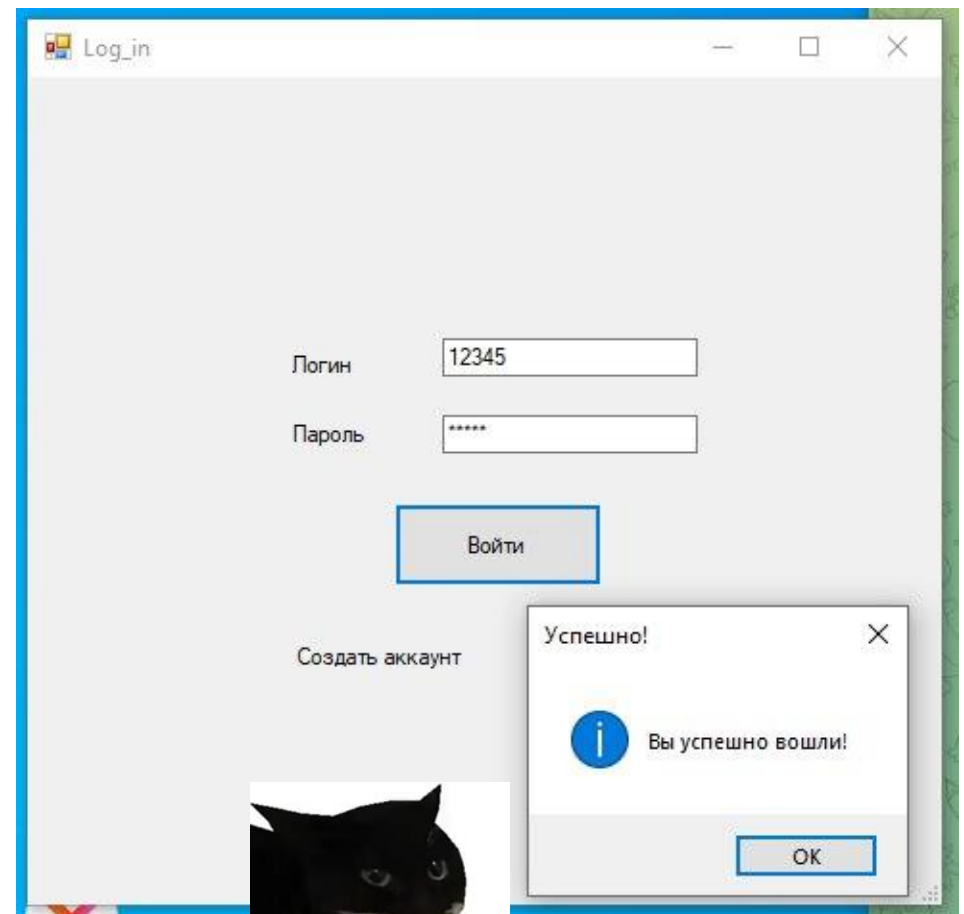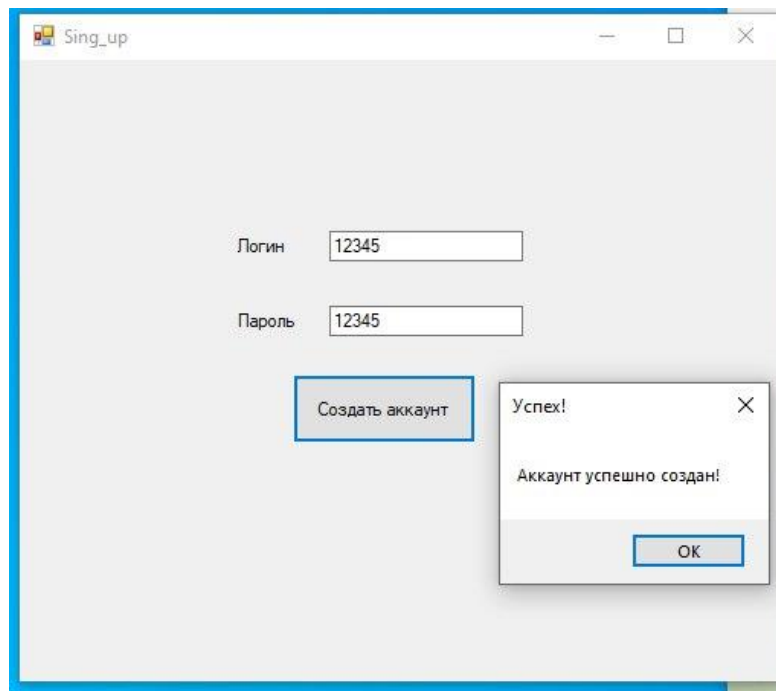
Log_in

Логин   12345

Пароль   *****

Войти

Создать аккаунт

Log_in

Логин   12345

Пароль   *****

Войти

Создать аккаунт

Аккаунта не существует!

⚠ Такого аккаунта не существует!

OK