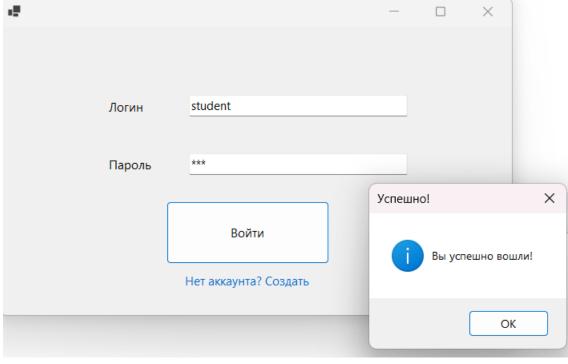
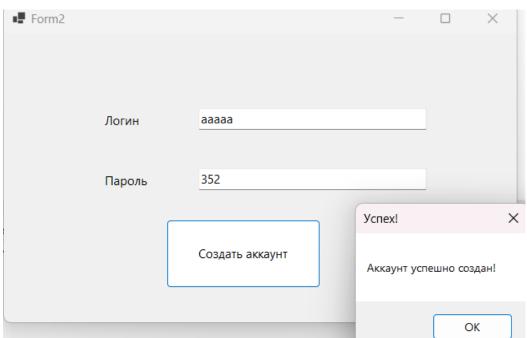
```
using System;
using System.Collections.Generic;
using System.Data.SqlClient;
using System.Ling;
using System.Text;
using System.Threading.Tasks;
namespace TestPracrice
    class DataBase
        SqlConnection sqlConnection = new SqlConnection(@"Data Source=LAPTOP-
N17DF740\SQLEXPRESS; Initial Catalog=demoPractic; 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; }
    }
using System;
using System.Collections.Generic;
using System.ComponentModel;
using System.Data;
using System.Data.SqlClient;
using System.Drawing;
using System.Drawing.Text;
using System.Linq;
using System. Text;
using System.Threading.Tasks;
using System. Windows. Forms;
namespace TestPracrice
    public partial class Form2 : Form
        DataBase dataBase = new DataBase();
        public Form2()
            InitializeComponent();
            StartPosition = FormStartPosition.CenterScreen;
        }
        private void btnCreate Click(object sender, EventArgs e)
            if (checkUser())
            {
                return:
            }
            var login = textBox login2.Text;
            var password = textBox password2.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!");
                Form3 frm login = new Form3();
                frm login.ShowDialog();
                this. Hide();
            }
            else
            {
                MessageBox. Show ("Аккаунт не создан!");
            dataBase.closeConnection();
        }
        private Boolean checkUser()
            var LoginUser = textBox login2.Text;
            var passUser = textBox password2.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 > 0)
                MessageBox.Show("Пользователь уже существует!");
                return true;
            }
            else
                return false;
        }
    }
}
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 TestPracrice
    public partial class Form3 : Form
        DataBase dataBase = new DataBase();
        public Form3()
            InitializeComponent();
            StartPosition = FormStartPosition.CenterScreen;
        }
        private void Form3 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 label1 Click(object sender, EventArgs e)
            Form2 frm sign = new Form2();
            frm sign.Show();
            this.Hide();
        }
   }
```





	id_user	login_user	password_user
1	1	student	123
2	2	87yr	56tt
3	1002	878	г877
4	1003	aaaaa	352