

```

Ссылка 1
private void label1_Click(object sender, EventArgs e)
{
}

Ссылка 1
private void labelClose_Click(object sender, EventArgs e)
{
    TAB принять
    this.Close();
}

Ссылка 1
private void labelClose_MouseLeave(object sender, EventArgs e)
{
    labelClose.ForeColor = Color.Black;
}

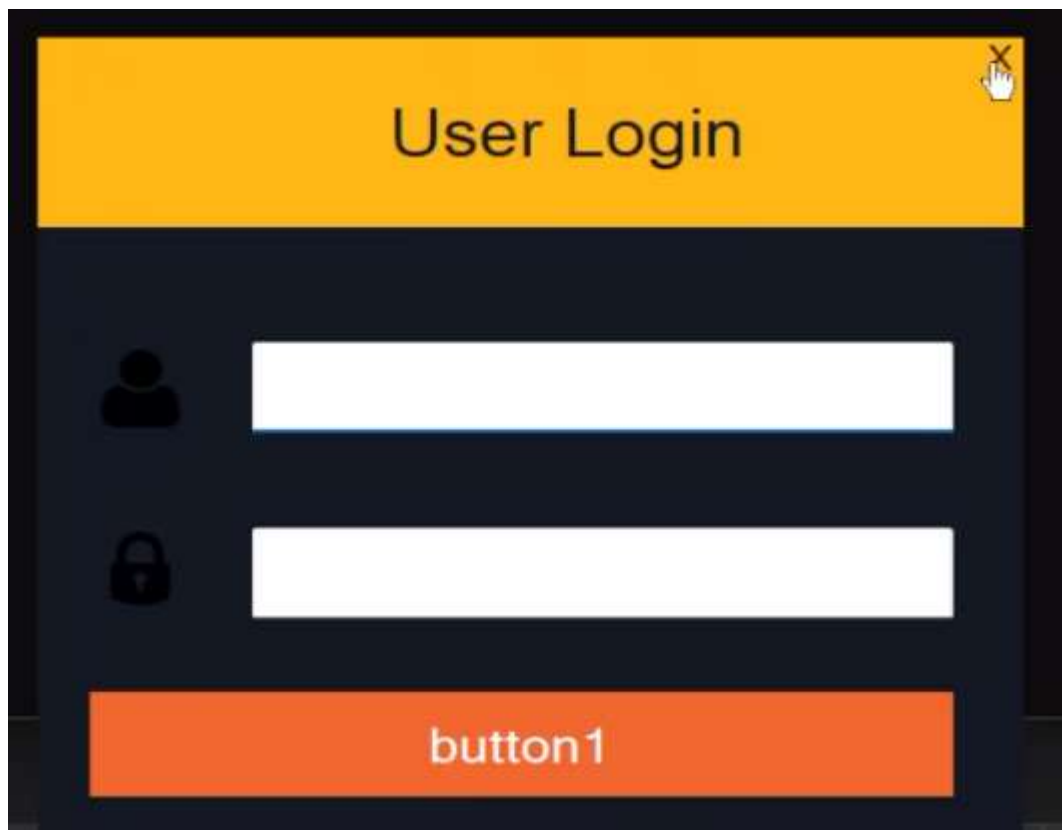
Ссылка 1
private void labelClose_MouseEnter(object sender, EventArgs e)
{
    labelClose.ForeColor = Color.Black;
}
}

```

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```

MySQL Community Downloads

Connector/NET

General Availability (GA) Releases

Archives



Connector/NET 9.3.0

Select Operating System:

Microsoft Windows

Windows (x86, 32-bit), MSI Installer

9.3.0

1.6M

Download

mysql-connector-net-9.3.0.msi

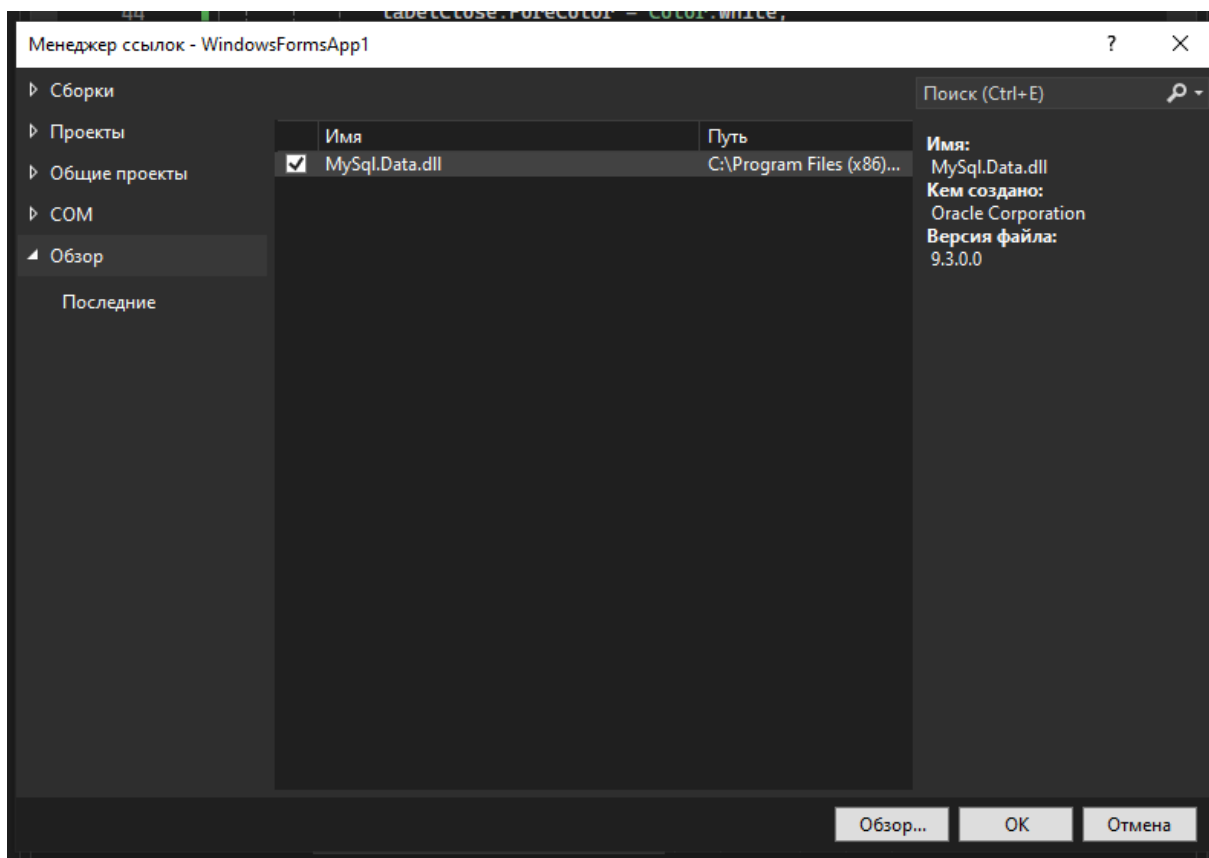
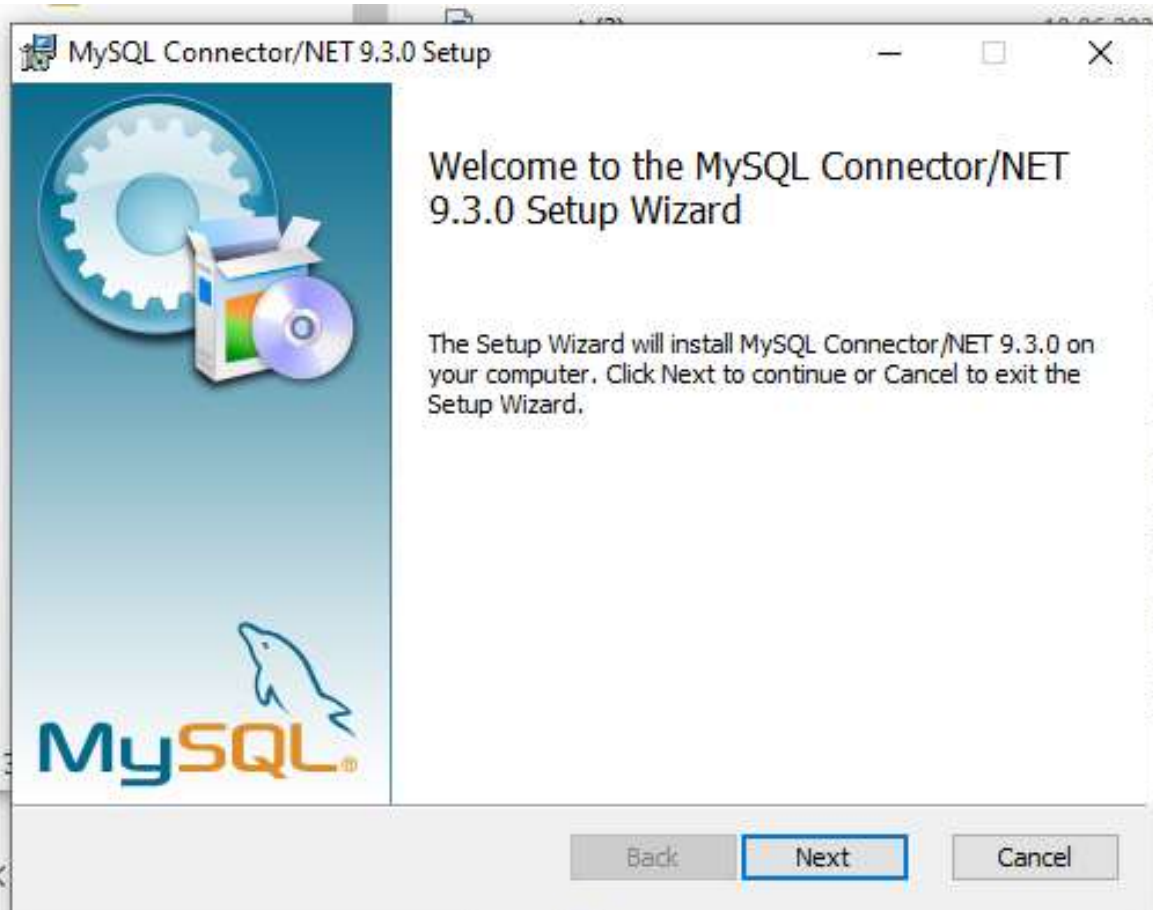
MD5: 5fe4764865feca57b88525887d855c7 | [Signature](#)

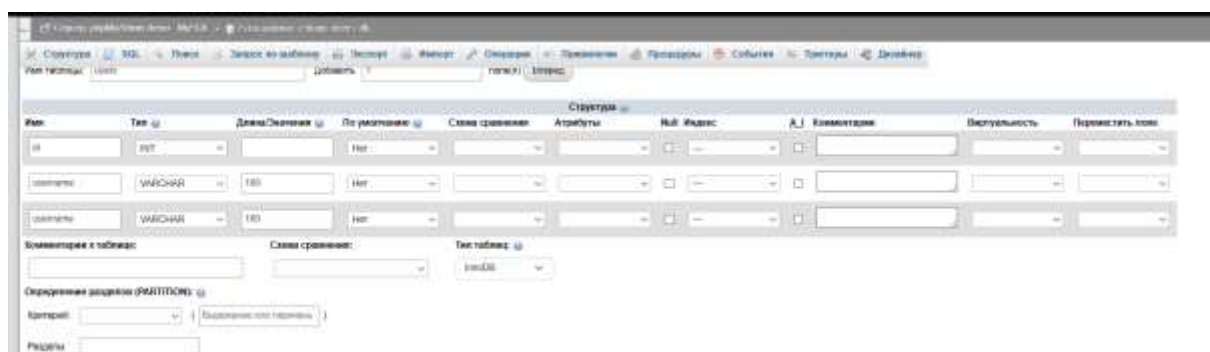
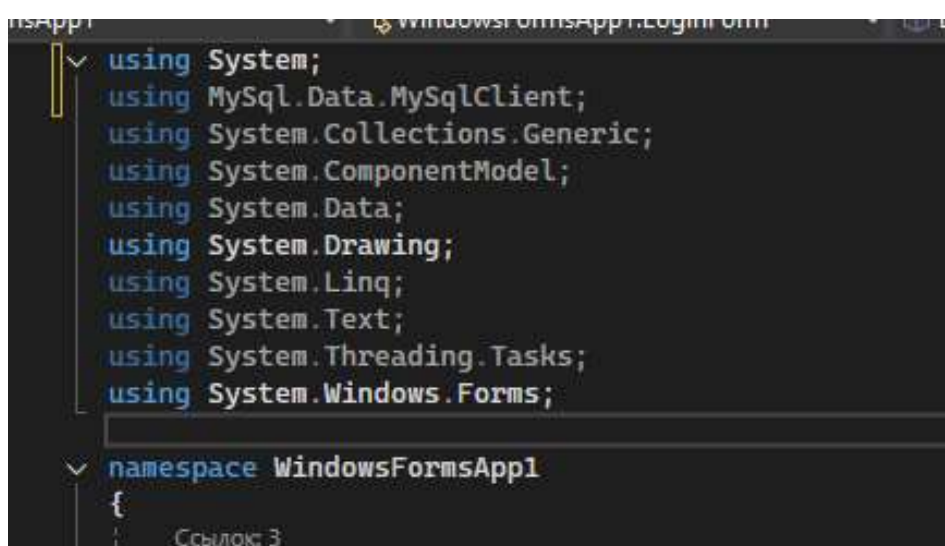
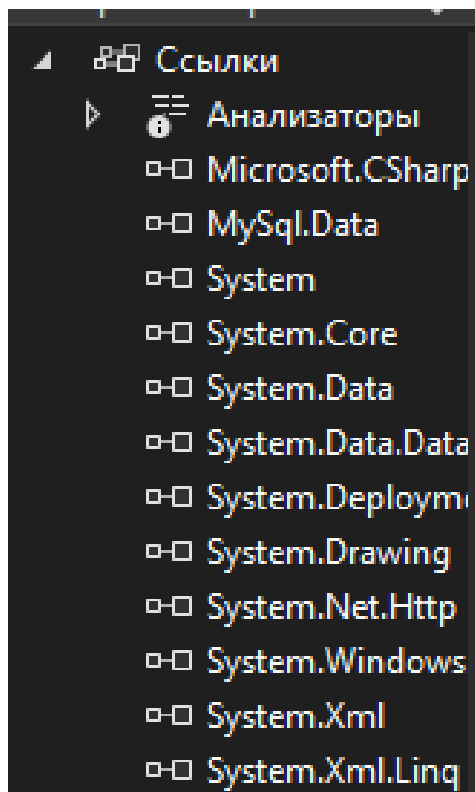


We suggest that you use the MD5 checksums and GnuPG signatures to verify the integrity of the packages you download.

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csharp_users_db

utf8mb4_0900_ai_ci

Создать

Create new table

Имя таблицы

Количество столбцов

users

3

Создать

Имя таблицы: users Добавить: 1 поле(я) Вперёд

Структура

Имя	Тип	Длина/Значения	По умолчанию	Сравнение	Атрибуты	Null	И
id	INT		Нет			<input type="checkbox"/>	PK
username	VARCHAR	100	Нет			<input type="checkbox"/>	...
password	VARCHAR	100	Нет			<input type="checkbox"/>	...

```
private MySqlConnection connection = new MySqlConnection("server=localhost;port=3306;username=root;password=;database=csharp_users_db");
```

Добавление нового элемента - WindowsFormsApp1

Установленные

Элементы C#

Windows Forms

WPF

Веб

Данные

Код

Общие

SQL Server

Графика

В сети

Сортировка: По умолчанию

Класс

Интерфейс

Форма (Windows Forms)

Пользовательский элемент управления (Windows...

Класс компонента

Пользовательский элемент управления (WPF)

editorconfig File (empty)

JSX-файл TypeScript

Machine Learning Model (ML.NET)

XML-файл

XSLT-файл

База данных, основанная на службах

Визуализатор отладчика

Генератор EF S.x DbContext

Элементы C#

Элементы C#

Элементы C#

Элементы C#

Элементы C#

Элементы C#

Элементы C#

Элементы C#

Элементы C#

Элементы C#

Элементы C#

Поиск (Ctrl+E)

Тип: Элементы C#

Пустое определение класса

Имя: DB.cs

Показать компактное представление

Добавить

Отмена

```
namespace WindowsFormsApp6
{
    Ссылка: 1
    internal class DB
    {
        private MySqlConnection connection = new MySqlConnection("server=localhost;port=3306;username=root;password=;database=csharp_users_db");
    }
}
```

```
Ссылка: 0
public void openConnection()
{
    if(connection.State == System.Data.ConnectionState.Closed)
    {
        connection.Open();
    }
}
```

```
Ссылка: 0
public void closeConnection()
{
    if (connection.State == System.Data.ConnectionState.Open)
    {
        connection.Close();
    }
}
```

```
Ссылка: 0
public MySqlConnection getConnection()
{
    return connection;
}
```

```

Ссылка: 1
private void buttonLogin_Click(object sender, EventArgs e)
{
    DB db = new DB();
    String username = textBoxUserName.Text;
    String password = textBoxPassword.Text;

    DataTable table = new DataTable();

    MySqlDataAdapter adapter = new MySqlDataAdapter();

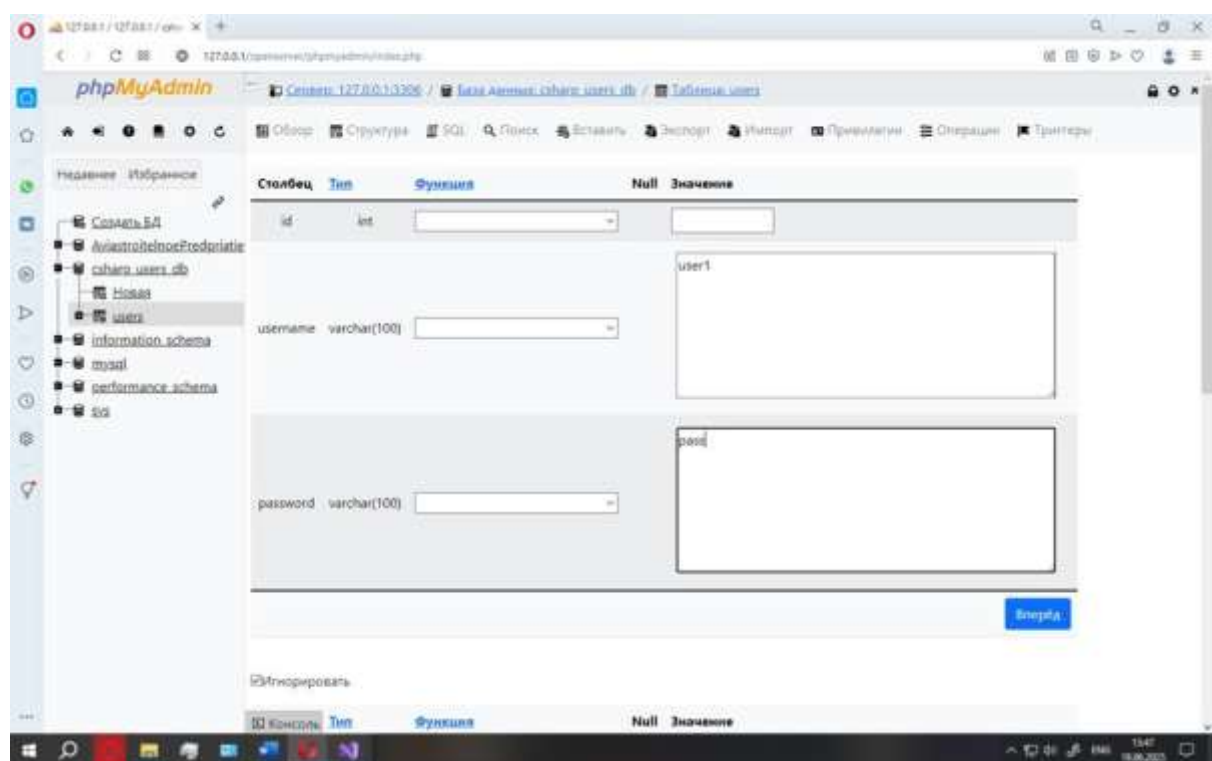
    MySqlCommand command = new MySqlCommand("SELECT * FROM 'users' WHERE 'username' = @usn and 'password' = @pass", db.getConnection());

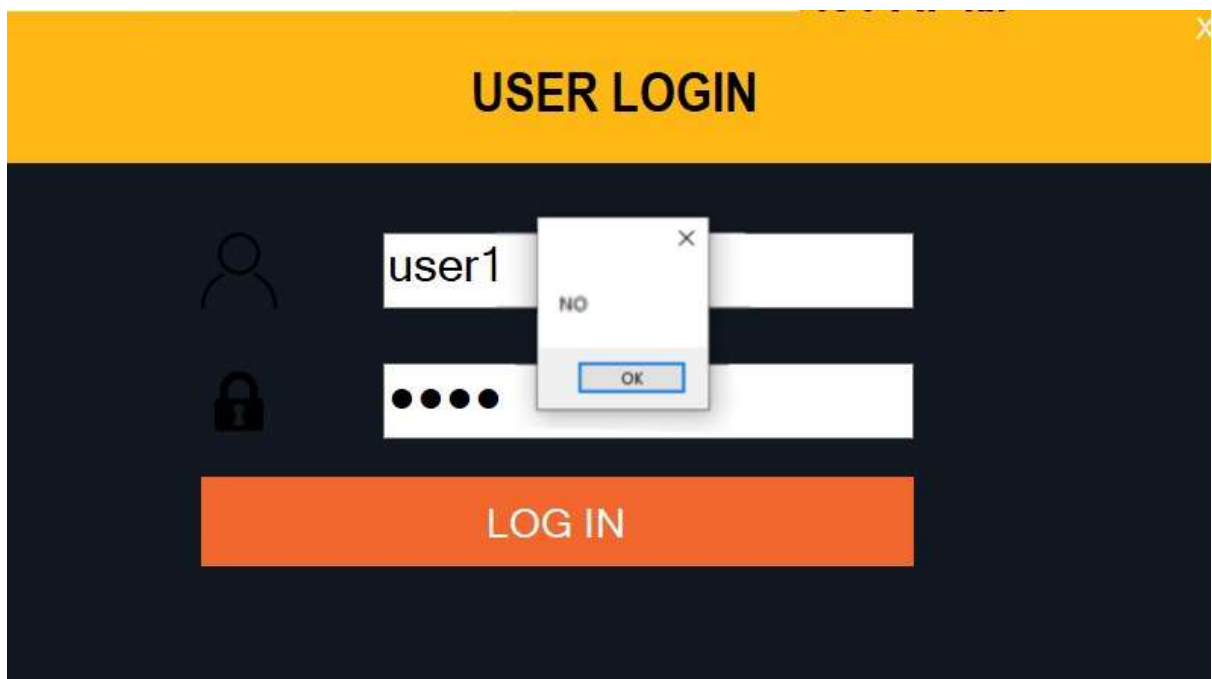
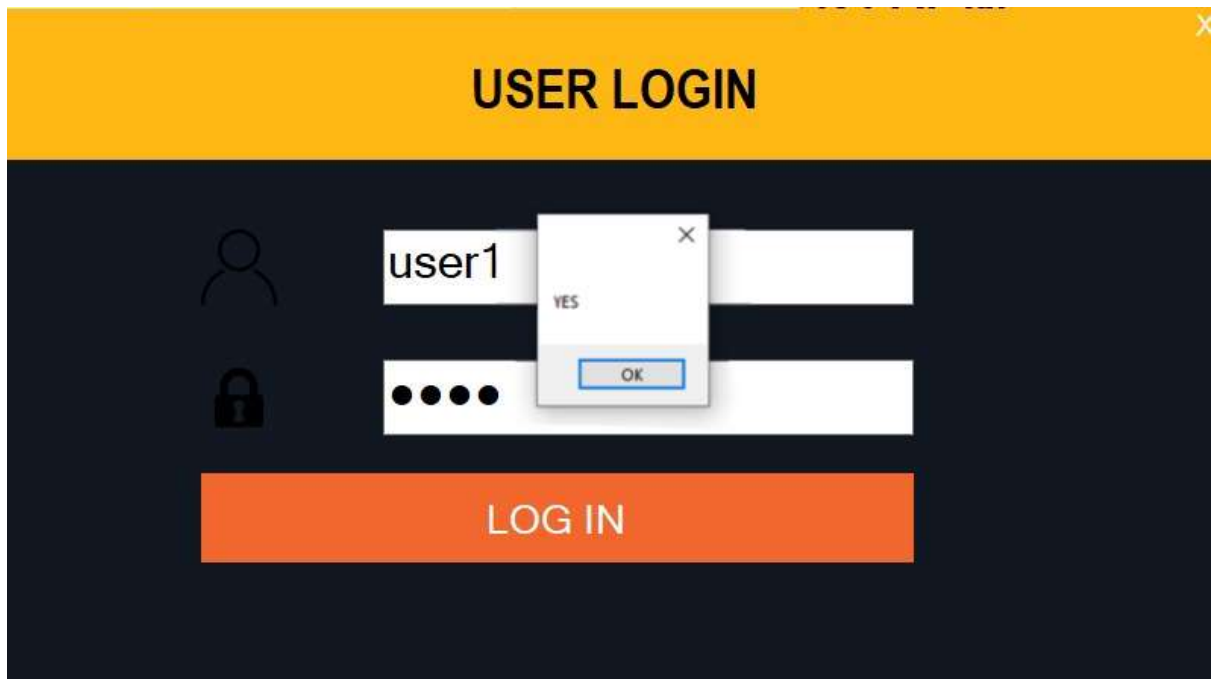
    command.Parameters.Add("@usn", MySqlDbType.VarChar).Value = username;
    command.Parameters.Add("@pass", MySqlDbType.VarChar).Value = password;

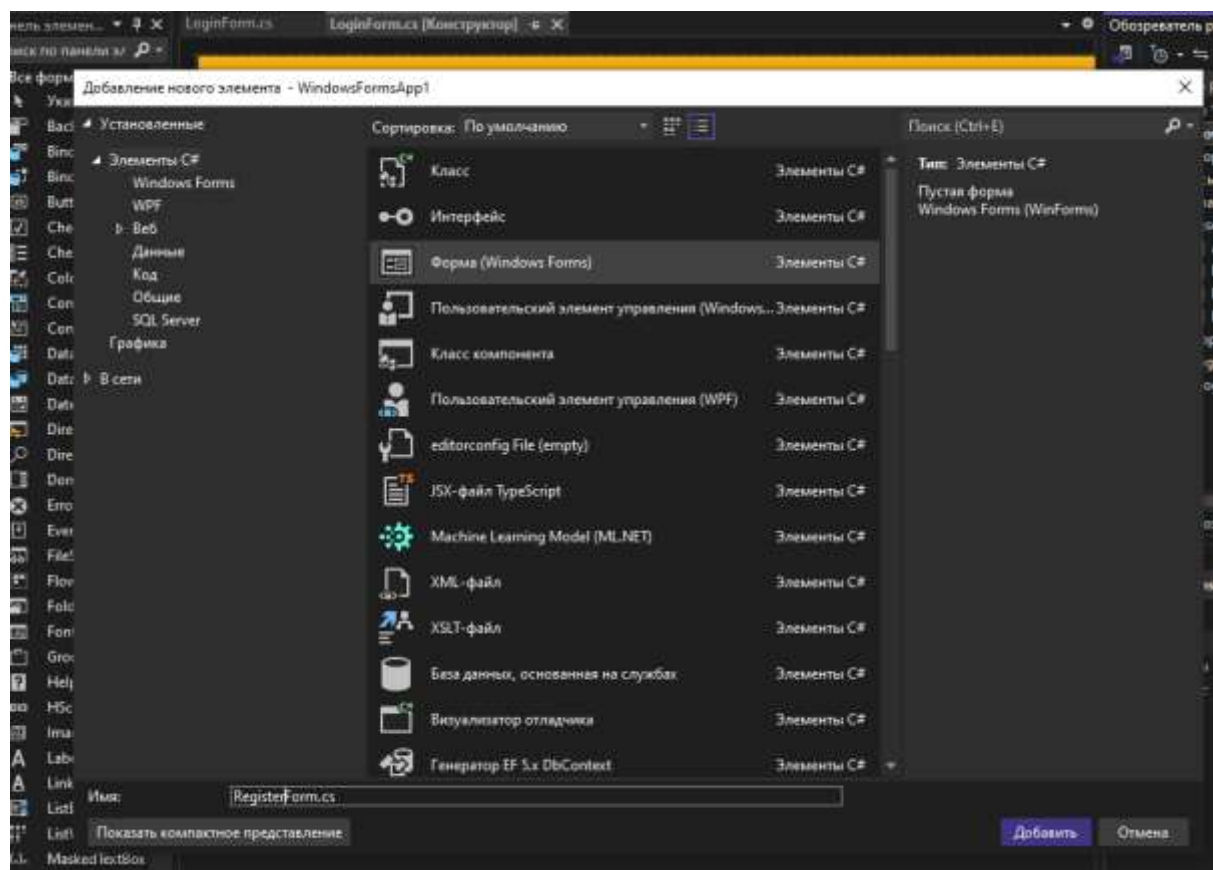
    adapter.SelectCommand = command;
    adapter.Fill(table);

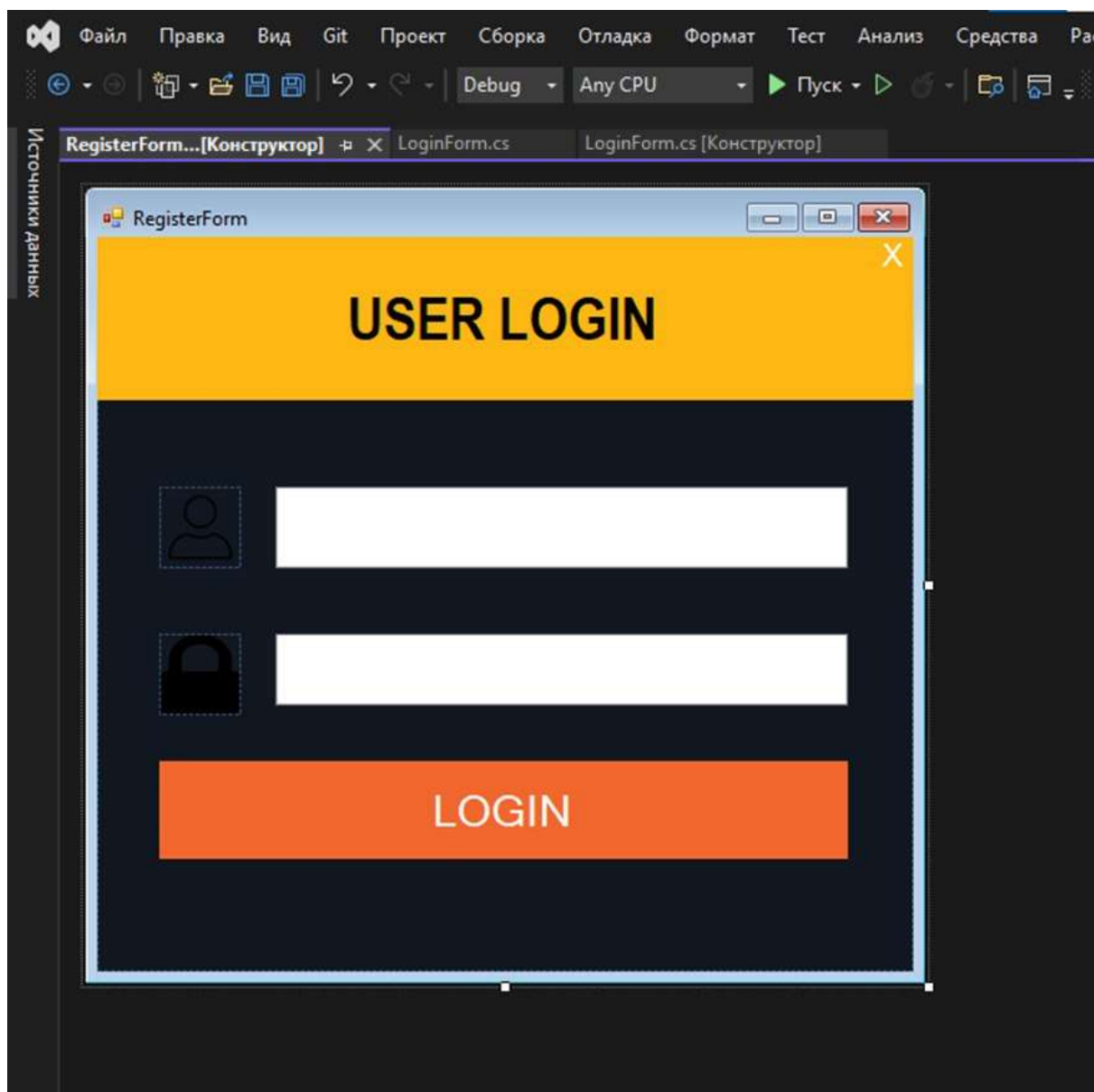
    if(table.Rows.Count > 0)
    {
        MessageBox.Show("YES");
    }
    else
    {
        MessageBox.Show("NO");
    }
}

```









RegisterForm

CREATE YOUR ACCOUNT

LOGIN

ОСЫНДА:

```
static void Main()
{
    Application.EnableVisualStyles();
    Application.SetCompatibleTextRenderingDefault(false);
    Application.Run(new RegisterForm());
}
```


RegisterForm

CREATE YOUR ACCOUNT

first name last name

email address

username

••••••••

••••••••••••••••

CREATE ACCOUNT

UseSystemPassword False

```
Осбы/ЮК: 1
private void textBoxFirstName_Enter(object sender, EventArgs e)
{
    String fname = textBoxFirstName.Text;
    if(fname.ToLower().Trim().Equals("first name"))
    {
        textBoxFirstName.Text = "";
        textBoxFirstName.ForeColor = Color.Black;
    }
}
```

Осылық: 1

```
private void textBoxFirstName_Leave(object sender, EventArgs e)
{
    String fname = textBoxFirstName.Text;
    if (fname.ToLower().Trim().Equals("first name") || fname.Trim().Equals(""))
    {
        textBoxFirstName.Text = "first name";
        textBoxFirstName.ForeColor = Color.Gray;
    }
}
```

Осылық: 1

```
public RegisterForm()
{
    InitializeComponent();
    this.ActiveControl = label1;
}
```

Осылық: 1

```
private void textBoxLastName_Enter(object sender, EventArgs e)
{
    String lname = textBoxLastName.Text;
    if (lname.ToLower().Trim().Equals("last name"))
    {
        textBoxLastName.Text = "";
        textBoxLastName.ForeColor = Color.Black;
    }
}
```

Осылық: 1

```
private void textBoxLastName_Leave(object sender, EventArgs e)
{
    String lname = textBoxLastName.Text;
    if (lname.ToLower().Trim().Equals("last name") || lname.Trim().Equals(""))
    {
        textBoxLastName.Text = "last name";
        textBoxLastName.ForeColor = Color.Gray;
    }
}
```

Ссылка: 1

```
private void textBoxEmail_Enter(object sender, EventArgs e)
{
    String email = textBoxEmail.Text;
    if (email.ToLower().Trim().Equals("email address"))
    {
        textBoxEmail.Text = "";
        textBoxEmail.ForeColor = Color.Black;
    }
}
```

Ссылка: 1

```
private void textBoxEmail_Leave(object sender, EventArgs e)
{
    String email = textBoxEmail.Text;
    if (email.ToLower().Trim().Equals("email address") || email.Trim().Equals(""))
    {
        textBoxEmail.Text = "email address";
        textBoxEmail.ForeColor = Color.Gray;
    }
}
```

Ссылка: 1

```
private void textBoxUsername_Enter(object sender, EventArgs e)
{
    String username = textBoxUsername.Text;
    if (username.ToLower().Trim().Equals("username"))
    {
        textBoxUsername.Text = "";
        textBoxUsername.ForeColor = Color.Black;
    }
}
```

Ссылка: 1

```
private void textBoxUsername_Leave(object sender, EventArgs e)
{
    String username = textBoxUsername.Text;
    if (username.ToLower().Trim().Equals("username") || username.Trim().Equals(""))
    {
        textBoxUsername.Text = "username";
        textBoxUsername.ForeColor = Color.Gray;
    }
}
```

Ссылка: 1

```
private void textBoxPassword_Enter(object sender, EventArgs e)
{
    String password = textBoxPassword.Text;
    if (password.ToLower().Trim().Equals("password"))
    {
        textBoxPassword.Text = "";
        textBoxPassword.UseSystemPasswordChar = true;
        textBoxPassword.ForeColor = Color.Black;
    }
}
```

Ссылка: 1

```
private void textBoxPassword_Leave(object sender, EventArgs e)
{
    String password = textBoxPassword.Text;
    if (password.ToLower().Trim().Equals("password") || password.Trim().Equals(""))
    {
        textBoxPassword.Text = "password";
        textBoxPassword.UseSystemPasswordChar = false;
        textBoxPassword.ForeColor = Color.Gray;
    }
}
```

Ссылка: 1

```
private void textBoxPasswordConfirm_Enter(object sender, EventArgs e)
{
    String cpassword = textBoxPasswordConfirm.Text;
    if (cpassword.ToLower().Trim().Equals("confirm password"))
    {
        textBoxPasswordConfirm.Text = "";
        textBoxPasswordConfirm.UseSystemPasswordChar = true;
        textBoxPasswordConfirm.ForeColor = Color.Black;
    }
}
```

Ссылка: 1

```
private void textBoxPasswordConfirm_Leave(object sender, EventArgs e)
{
    String cpassword = textBoxPasswordConfirm.Text;
    if (cpassword.ToLower().Trim().Equals("confirm password") ||
        cpassword.ToLower().Trim().Equals("password") ||
        cpassword.Trim().Equals(""))
    {
        textBoxPasswordConfirm.Text = "confirm password";
        textBoxPasswordConfirm.UseSystemPasswordChar = false;
        textBoxPasswordConfirm.ForeColor = Color.Gray;
    }
}
```

Осб/ОК: 1

```
private void labelClose_Click(object sender, EventArgs e)
{
    this.Close();
}
```

Осб/ОК: 1

```
private void labelClose_MouseEnter(object sender, EventArgs e)
{
    labelClose.ForeColor = Color.Black;
}
```

Осб/ОК: 1

```
private void labelClose_MouseLeave(object sender, EventArgs e)
{
    labelClose.ForeColor = Color.White;
}
```


last name

email address


username

• •

confirm password

[CREATE ACCOUNT](#)

54

 Добавить

3

поле(я)

после id

[Вперёд](#)

Имя	Тип	Длина/Значения	По умолчанию	Сравнение	Атрибуты	Null	Инд
firstname	VARCHAR	100	Нет			<input type="checkbox"/>	---
lastname	VARCHAR	100	Нет			<input type="checkbox"/>	---
emailaddress	TEXT		Нет			<input type="checkbox"/>	---

☐ Online transaction
 [Предпросмотр SQL](#)
[Сохранить](#)


```

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 MySql.Data.MySqlClient;

```

```

private void buttonCreateAccount_Click(object sender, EventArgs e)
{
    DB db = new DB();
    MySqlCommand cmdAdd = new MySqlCommand("INSERT INTO 'users' ('firstname', 'lastname', 'emailaddress', 'username', 'password') VALUES (@fn, @ln, @email, @user, @pass)", db.getConnection());

    cmdAdd.Parameters.Add("@fn", MySqlDbType.VarChar).Value = textBoxFirstName.Text;
    cmdAdd.Parameters.Add("@ln", MySqlDbType.VarChar).Value = textBoxLastName.Text;
    cmdAdd.Parameters.Add("@email", MySqlDbType.VarChar).Value = textBoxEmail.Text;
    cmdAdd.Parameters.Add("@user", MySqlDbType.VarChar).Value = textBoxUsername.Text;
    cmdAdd.Parameters.Add("@pass", MySqlDbType.VarChar).Value = textBoxPassword.Text;

    db.openConnection();

    if (cmdAdd.ExecuteNonQuery() == 1)
    {
        MessageBox.Show("ACCOUNT CREATED");
    }
    else
    {
        MessageBox.Show("ERROR");
    }

    db.closeConnection();
}

```

×

CREATE YOUR ACCOUNT

fn

ln

email

usen

ACCOUNT CREATED

OK

•••••

•••••

CREATE ACCOUNT

	←T→	▼	id	firstname	lastname	emailaddress	username	password
<input type="checkbox"/>			1				user1	pass
<input type="checkbox"/>			2	fn	ln	email	usen	pass


```

Ссылка: 0
public Boolean checkUsername()
{
    DB db = new DB();

    String username = textBoxUsername.Text;

    DataTable table = new DataTable();

    MySqlDataAdapter adapter = new MySqlDataAdapter();

    MySqlCommand command = new MySqlCommand("SELECT * FROM `users` WHERE `username` = @usn", db.getConnection());

    command.Parameters.Add("@usn", MySqlDbType.VarChar).Value = username;

    adapter.SelectCommand = command;
    adapter.Fill(table);

    if (table.Rows.Count > 0)
    {
        return true;
    }
    else
    {
        return false;
    }
}

```

```

if(checkUsername())
{
    MessageBox.Show("This Username already exists, Select a different One");
}
else
{
    if (command.ExecuteNonQuery() == 1)
    {
        MessageBox.Show("ACCOUNT CREATED");
    }
    else
    {
        MessageBox.Show("ERROR");
    }
}
}

```

ССЫЛКА: 0

```
public Boolean checkTextBoxesValues()
{
    string fname = textBoxFirstName.Text;
    string lname = textBoxLastName.Text;
    string email = textBoxEmail.Text;
    string uname = textBoxUsername.Text;
    string pass = textBoxPassword.Text;

    if(fname.Equals("first name") || lname.Equals("last name") ||
        email.Equals("email address") || uname.Equals("username")
        || pass.Equals("password"))
    {
        return true;
    }
    else
    {
        return false;
    }
}
```



CREATE YOUR ACCOUNT

This Username already exists, Select a different One

OK

CREATE ACCOUNT

×

CREATE YOUR ACCOUNT

dddddd

dd

ddd

user3

●●










●●

CREATE ACCOUNT

×

ACCOUNT CREATED

OK

	<u>id</u>	<u>firstname</u>	<u>lastname</u>	<u>emailaddress</u>	<u>username</u>	<u>password</u>
<input type="checkbox"/>   	1				user1	pass
<input type="checkbox"/>   	2	fn	ln	email	usen	pass
<input type="checkbox"/>   	5	dddddd	dd	ddd	user3	22

```
if(!checkTextBoxesValues())
{
    if (checkUsername())
    {
        MessageBox.Show("This Username already exists, Select a different One");
    }
    else
    {
        if (command.ExecuteNonQuery() == 1)
        {
            MessageBox.Show("ACCOUNT CREATED");
        }
        else
        {
            MessageBox.Show("ERROR");
        }
    }
}
else
{
    MessageBox.Show("ENTER YOUR INFORMATION FIRST");
}
```



CREATE YOUR ACCOUNT

ENTER YOUR INFORMATION FIRST

OK

CREATE ACCOUNT

```
if(!checkTextBoxesValues())
{
    if(textBoxPassword.Text.Equals(textBoxPasswordConfirm.Text))
    {
        if (checkUsername())
        {
            MessageBox.Show("This Username already exists, Select a different One");
        }
        else
        {
            if (command.ExecuteNonQuery() == 1)
            {
                MessageBox.Show("ACCOUNT CREATED");
            }
            else
            {
                MessageBox.Show("ERROR");
            }
        }
    }
    else
    {
        MessageBox.Show("WRONG CONFIRM PASSWORD");
    }
}
```



CREATE YOUR ACCOUNT

esf

sesese

svsdvdf

trtrtr



WRONG CONFIRM PASSWORD

OK

CREATE ACCOUNT

X

CREATE YOUR ACCOUNT

esf

sesese

svsdvdf

trtrtr

●

●

CREATE ACCOUNT

```
if(!checkTextBoxValues())
{
    if(textBoxPassword.Text.Equals(textBoxPasswordConfirm.Text))
    {
        if (checkUsername())
        {
            MessageBox.Show("This Username already exists, Select a different One", "Duplicate Username", MessageBoxButtons.OKCancel, MessageBoxIcon.Error);
        }
        else
        {
            if (command.ExecuteNonQuery() == 1)
            {
                MessageBox.Show("Your Account Has Been Created", "Account", MessageBoxButtons.OK, MessageBoxIcon.Information);
            }
            else
            {
                MessageBox.Show("ERROR");
            }
        }
    }
    else
    {
        MessageBox.Show("WRONG CONFIRM PASSWORD");
    }
}
```



CREATE YOUR ACCOUNT

Duplicate Username



This Username already exists, Select a different One

OK

Отмена


CREATE ACCOUNT



CREATE YOUR ACCOUNT

CREATE ACCOUNT

Account

 Your Account Has Been Created

OK

CREATE YOUR ACCOUNT

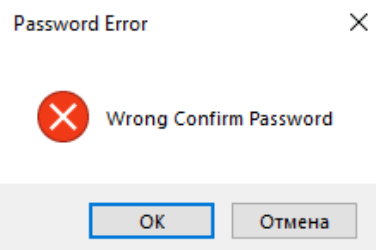
d w

w

w

•

•



CREATE ACCOUNT

CREATE YOUR ACCOUNT

Empty Data

✕ Enter Your Informations First

OKОтмена

CREATE ACCOUNT

```

Ссылка: 1
private void buttonLogin_Click(object sender, EventArgs e)
{
    DB db = new DB();
    String username = textBoxUserName.Text;
    String password = textBoxPassword.Text;

    DataTable table = new DataTable();

    MySqlDataAdapter adapter = new MySqlDataAdapter();

    MySqlCommand command = new MySqlCommand("SELECT * FROM 'users' WHERE 'username' = @usn and 'password' = @pass", db.getConnection());

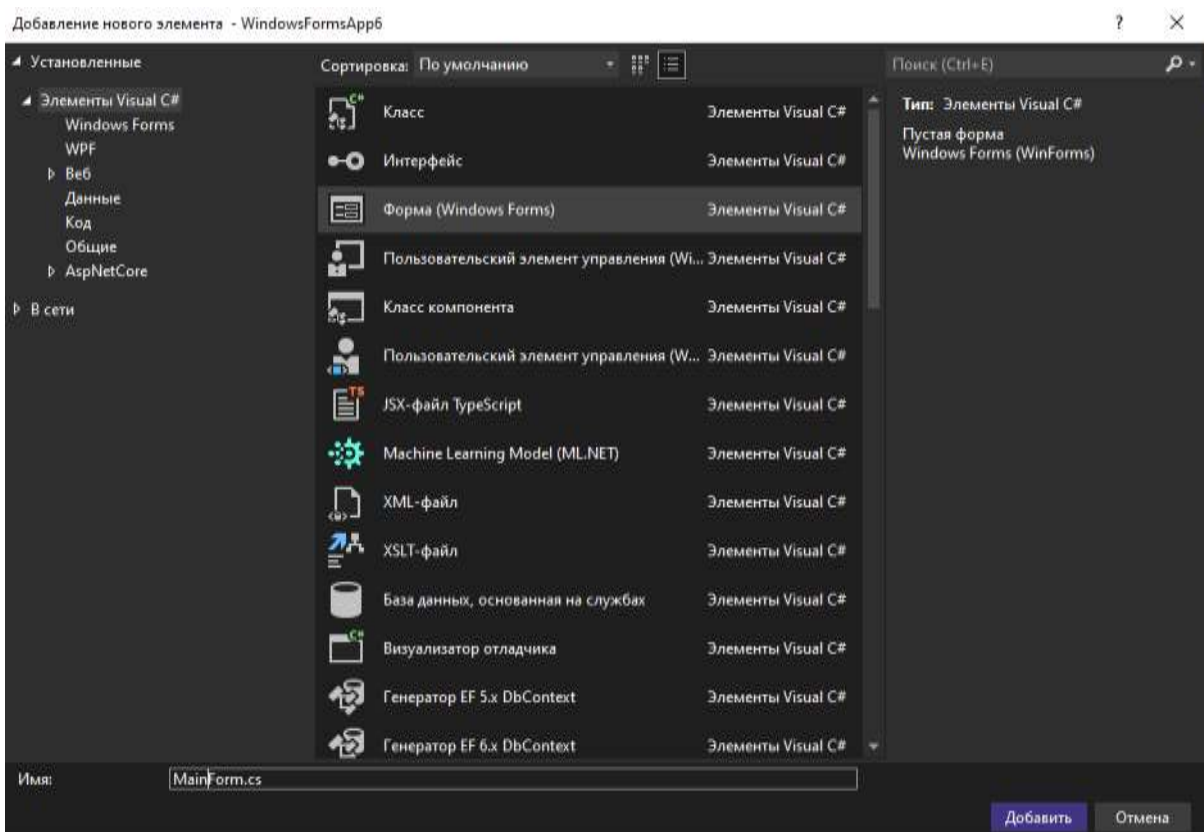
    command.Parameters.Add("@usn", MySqlDbType.VarChar).Value = username;
    command.Parameters.Add("@pass", MySqlDbType.VarChar).Value = password;

    adapter.SelectCommand = command;
    adapter.Fill(table);

    if(table.Rows.Count > 0)
    {
        MessageBox.Show("YES");
    }
    else
    {
        if (username.Trim().Equals(""))
        {
            MessageBox.Show("Enter Ypour Username To Login", "Empty Username", MessageBoxButtons.OK, MessageBoxIcon.Error);
        }

        else if (password.Trim().Equals(""))
        {
            MessageBox.Show("Enter Ypour Password To Login", "Empty Password", MessageBoxButtons.OK, MessageBoxIcon.Error);
        }
        else
        {
            MessageBox.Show("Wrong Username Or Password", "Wrong Data", MessageBoxButtons.OK, MessageBoxIcon.Error);
        }
    }
}

```



MainForm

CREATE YOUR ACCOUNT

first name

last name

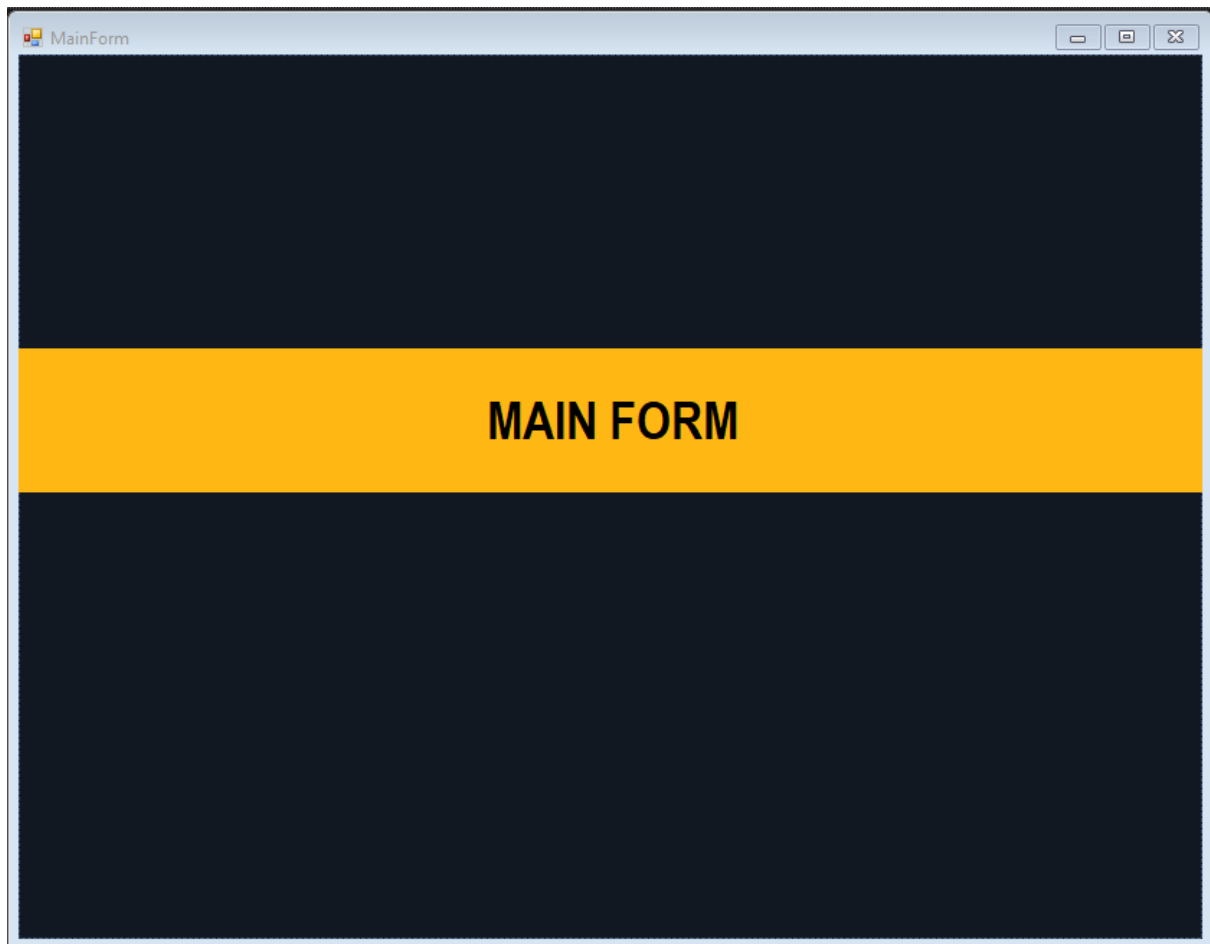
email address

username

password


confirm password


CREATE ACCOUNT



X

USER LOGIN





LOGIN

[Don't Have an Account? Sign Up](#)

Ссылка 1

```
private void labelGoSingUp_Click(object sender, EventArgs e)
{
    this.Hide();
    RegisterForm registerform = new RegisterForm();
    registerform.Show();
}
```

```
private void labelClose_Click(object sender, EventArgs e)
{
    //this.Close();
    Application.Exit();
}
```

Ссылка: 1

```
private void labelGoSingUp_MouseEnter(object sender, EventArgs e)
{
    labelGoSingUp.ForeColor = Color.Yellow;
}
```

Ссылка: 1

```
private void labelGoSingUp_MouseLeave(object sender, EventArgs e)
{
    labelGoSingUp.ForeColor = Color.White;
}
```

X

CREATE YOUR ACCOUNT

CREATE ACCOUNT

[Already Have an Account? Login](#)

```
Ссылка: 1
private void labelGoToLogin_MouseEnter(object sender, EventArgs e)
{
    labelGoToLogin.ForeColor = Color.Yellow;
}
```

```
Ссылка: 1
private void labelGoToLogin_MouseLeave(object sender, EventArgs e)
{
    labelGoToLogin.ForeColor = Color.White;
}
```

```
private void labelGoToLogin_Click(object sender, EventArgs e)
{
    this.Hide();
    LoginForm loginform = new LoginForm();
    loginform.ShowDialog();
}
```

```
Ссылка: 1
private void labelClose_Click(object sender, EventArgs e)
{
    //this.Close();
    Application.Exit();
}
```

```
if(table.Rows.Count > 0)
{
    this.Hide();
    MainForm mainform = new MainForm();
    mainform.Show();
}
else
```

```
Ссылка: 1
private void MainForm_FormClosing(object sender, FormClosingEventArgs e)
{
    Application.Exit();
}
```

```
else if (password.Trim().Equals(""))
{
    MessageBox.Show("Enter Your Password To Login", "Empty Password", MessageBoxButtons.OK, MessageBoxIcon.Error);
}
```