Sing_up.cs

```csharp
private Boolean checkUser()
    {
        DataBase database = new DataBase();

        var loginUser = textBox1.Text;

        SqlDataAdapter adapter = new SqlDataAdapter();
        DataTable table = new DataTable();

        string querystring = $"select id_user, login_user from register where login_user = '{loginUser}';";

        SqlCommand command = new SqlCommand(querystring, database.getConnection());

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

        if (table.Rows.Count > 0 )
        {
            MessageBox.Show("This user already exist.");
            return true;
        }
        else
        {
            return false;
        }

    }

    private void button1_Click_1(object sender, EventArgs e)
    {
        DataBase database = new DataBase();

        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 (!checkUser())
            if (command.ExecuteNonQuery() == 1)
            {
                MessageBox.Show("An account created successfully.", "Success.");
                log_in frm_login = new log_in();
                this.Hide();
                frm_login.ShowDialog();
            }
            else
            {
```
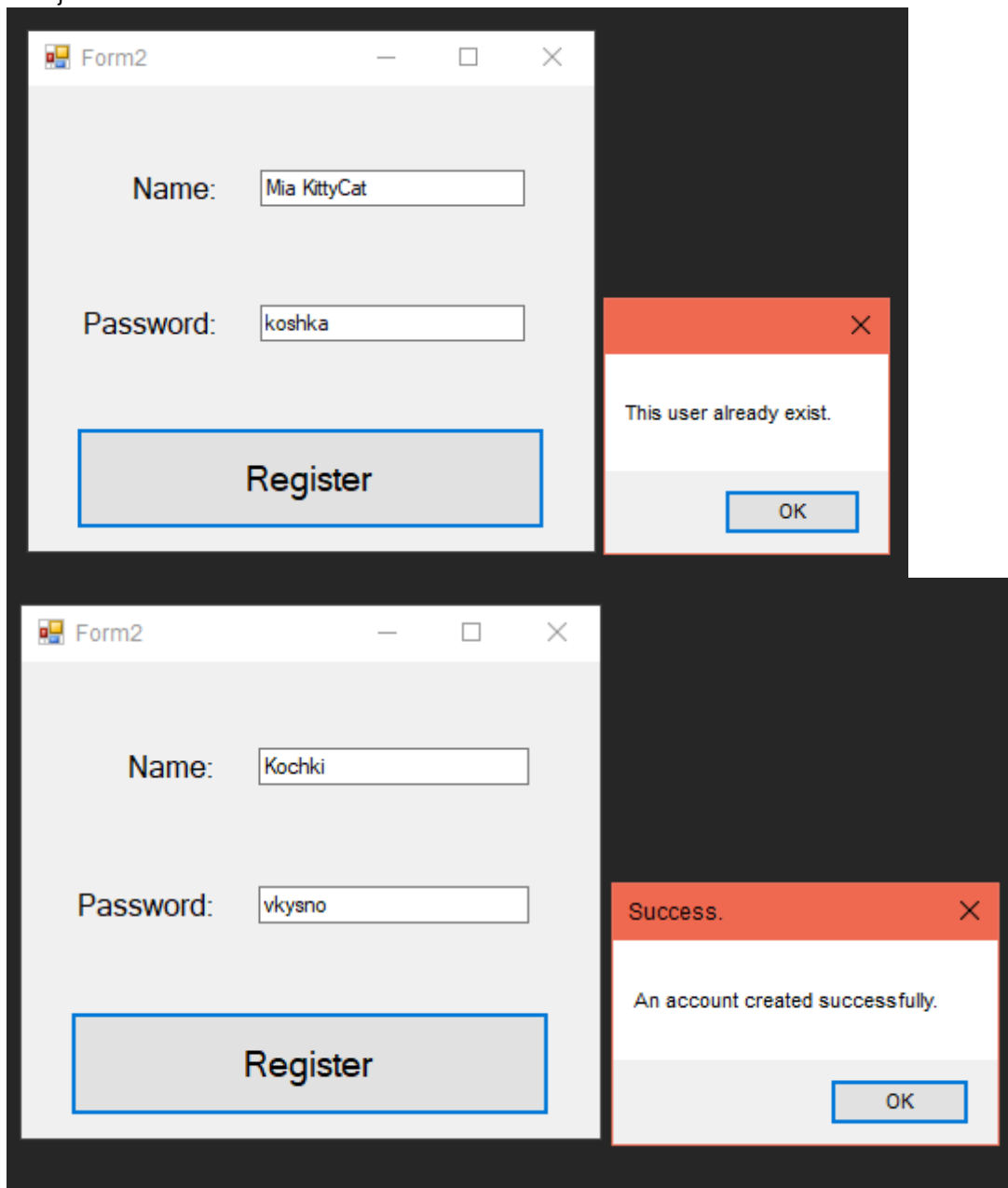
```
            MessageBox.Show("An account wasn't created.");
        }
    database.closeConnection();
}
```


Log_in.cs

```
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}'";
```

```csharp
        SqlCommand command = new SqlCommand(querystring, database.getConnection());

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

        if (table.Rows.Count == 1)
        {
            MessageBox.Show("Login is successful.", "Success.", MessageBoxButtons.OK,
MessageBoxIcon.Information);
            log_in frm1 = new log_in();
            this.Hide();
            frm1.ShowDialog();
            frm1.Show();
        }
        else
            MessageBox.Show("There's no such account.", "No account.", MessageBoxButtons.OK,
MessageBoxIcon.Warning);

    }

    private void linkLabel1_LinkClicked_1(object sender, LinkLabelLinkClickedEventArgs e)
    {
        sign_up frm_sign = new sign_up();
        frm_sign.Show();
        this.Hide();
    }

    private void log_in_Load_1(object sender, EventArgs e)
    {
        textBox2.PasswordChar = '*';
        textBox1.MaxLength = 50;
        textBox2.MaxLength = 50;
    }
```
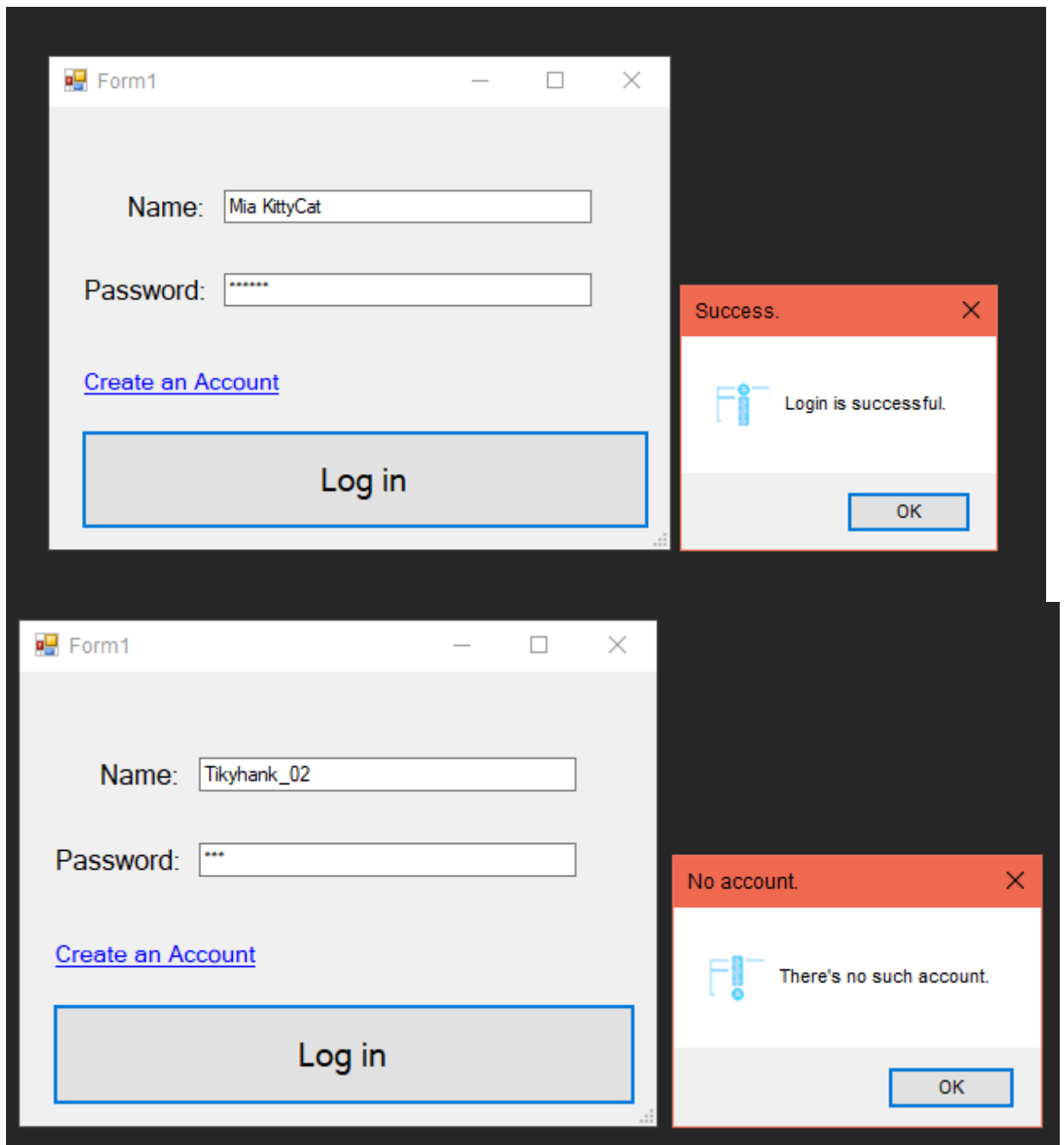
ТРЕТЬЯ ПРАКТИКА
DGV.cs

```
private void LoadData()
    {
        string connectString = "Data Source=(localdb)\\local;Initial Catalog=DataGirdView;Integrated
Security=True";
        SqlConnection myConnection = new SqlConnection(connectString);

        myConnection.Open();

        string query = "select * from GroupIs217 order by st_id";
```

```csharp
        SqlCommand command = new SqlCommand(query, myConnection);
        SqlDataReader reader = command.ExecuteReader();

        List<string[]> data = new List<string[]>();
        while (reader.Read())
        {
            data.Add(new string[3]);

            data[data.Count - 1][0] = reader[0].ToString();
            data[data.Count - 1][1] = reader[1].ToString();
            data[data.Count - 1][2] = reader[2].ToString();

        }
        reader.Close();
        myConnection.Close();

        foreach (string[] s in data)
            dataGridView1.Rows.Add(s);
    }


    private void button1_Click(object sender, EventArgs e)
    {
        string familia = textBox1.Text;
        string imya = textBox2.Text;

        string connectString = "Data Source=(localdb)\\local;Initial Catalog=DataGirdView;Integrated Security=True";
        SqlConnection myConnection = new SqlConnection(connectString);

        myConnection.Open();
        DataTable table = new DataTable();
        string querystring = "select * from GroupIs217";
        SqlCommand command2 = new SqlCommand(querystring, myConnection);
        SqlDataAdapter adapter = new SqlDataAdapter();
        adapter.SelectCommand = command2;
        adapter.Fill(table);

        int id = table.Rows.Count + 1;

        string query = $"insert into GroupIs217 (st_id, st_fam, st_name) values ('{id}', @famil, @name); select scope_identity();";

        using (SqlCommand command = new SqlCommand(query,myConnection))
        {
            command.Parameters.AddWithValue("@famil", familia);
            command.Parameters.AddWithValue("@name", imya);

            dataGridView1.Rows.Add(new object[] {id, familia, imya });
        }
        textBox1.Clear();
        textBox2.Clear();

    }
```

	st_id	st_fam	st_name
	1	Kravchenko	Nikita
	2	Voronina	Anna
▶*			

Add"

Pakulov

Alexey

	st_id	st_fam	st_name
	1	Kravchenko	Nikita
	2	Voronina	Anna
	3	Pakulov	Alexey
▶*			

Добавился