

```

using System;
using System.Collections.Generic;
using System.Windows.Forms;
using System.Data.SqlClient;

namespace WindowsFormsApp1
{
    public partial class Form1 : Form
    {
        public Form1()
        {
            InitializeComponent();
        }

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

        private void LoadData()
        {
            string connectionString = "Data Source=DESKTOP-OP1S0BT;Initial Catalog=romaandkirill;Integrated
Security=true;";

            using (SqlConnection myConnection = new SqlConnection(connectionString))
            {
                try
                {
                    myConnection.Open();
                    Console.WriteLine("Подключение к базе данных успешно!");

                    string query = "SELECT * FROM Faculties3 ORDER BY fac_id";
                    SqlCommand command = new SqlCommand(query, myConnection);
                    SqlDataReader reader = command.ExecuteReader();

                    List<string[]> data = new List<string[]>();

                    while (reader.Read())
                    {
                        string[] row = new string[3];
                        row[0] = reader["fac_id"].ToString();
                        row[1] = reader["fac_name_full"].ToString();
                        row[2] = reader["fac_name_abbr"].ToString();

                        data.Add(row);
                    }

                    reader.Close();

                    foreach (string[] s in data)
                    {
                        dataGridView1.Rows.Add(s);
                    }
                }
                catch (SqlException ex)
                {
                    MessageBox.Show("Ошибка при подключении к базе данных: " + ex.Message, "Ошибка",
                        MessageBoxButtons.OK, MessageBoxIcon.Error);
                }
                catch (Exception ex)
                {
                    MessageBox.Show("Произошла непредвиденная ошибка: " + ex.Message, "Ошибка",
                        MessageBoxButtons.OK, MessageBoxIcon.Error);
                }
            }
        }
    }
}

```

```

private void dataGridView1_CellContentClick(object sender, DataGridViewCellEventArgs e)
{
}

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

    string connectString = "Data Source=DESKTOP-OP1S0BT;Initial Catalog=romaandkirill;Integrated
Security=true;";

    using (SqlConnection myConnection = new SqlConnection(connectString))
    {
        myConnection.Open();

        string query = "INSERT INTO Faculties3 (fac_name_full, fac_name_abbr) VALUES (@fullName, @abbr);
SELECT SCOPE_IDENTITY();";

        using (SqlCommand command = new SqlCommand(query, myConnection))
        {
            command.Parameters.AddWithValue("@fullName", facNameFull);
            command.Parameters.AddWithValue("@abbr", facNameAbbr);

            int newId = Convert.ToInt32(command.ExecuteScalar());

            dataGridView1.Rows.Add(new object[] { newId, facNameFull, facNameAbbr });
        }
    }

    textBox1.Clear();
    textBox2.Clear();
}
}

```

using System.Data.SqlClient;

Form1

	Column1	Column2	Column3
	11	авыав	ыва
	13	ывавывыва	папа
	14	ячс	чс
	15	ячс	ячс
	16	вп	ввв
*			

button1

SQLQuery10.sql - D:\...\StudentFSPO (75))
 SQLQuery8.sql - DE...\StudentFSPO (55))
 SQLQuery7.sql - D...

```

SET IDENTITY_INSERT Faculties3 ON;

INSERT INTO Faculties3 (fac_id, fac_name_full, fac_name_abbr) VALUES
(1, 'Факультет компьютерных наук', 'ФКН'),
(2, 'Факультет математики', 'ФМ'),
(3, 'Факультет естественных наук', 'ФЕН'),
(4, 'Факультет физики', 'ФФ'),
(5, 'Факультет химии', 'ФХ'),
(6, 'Факультет экономики', 'ФЭ'),
(7, 'Факультет психологии', 'ФП'),
(8, 'Факультет социальных наук', 'ФСН'),
(9, 'Факультет истории', 'ФИ'),
(10, 'Факультет филологии', 'ФФИ');

SET IDENTITY_INSERT Faculties3 OFF;

```