

Практическая работа №1

The screenshot shows the Visual Studio IDE with the following details:

- Menu Bar:** Test, Анализ, Средства, Расширение, Окно, Справка, Поиск.
- Toolbox:** Standard Visual Studio icons for file operations and development.
- Solution Explorer:**
 - Project: WindowsFormsApp1
 - Files: Designer.cs, log_in.cs (Контент), log_in.cs, log_out.cs, log_out.cs (Контент), Form1.Designer.cs, Form1.cs, **DataBase.cs** (selected), Program.cs
 - Folder: WindowsFormsApp1.DataBase
 - File: **SqlConnection** (selected)
- Code Editor (DataBase.cs):**

```

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 WindowsFormsApp1
9  {
10     internal class DataBase
11     {
12         SqlConnection sqlConnection = new SqlConnection(@"Data Source = 'DESKTOP-QQVQIDT';Initial Catalog = Test_db;Integrated Security = True");
13         public void openConnection()
14         {
15             if (sqlConnection.State == System.Data.ConnectionState.Closed) { sqlConnection.Open(); }
16         }
17
18         public void closeConnection()
19         {
20             if (sqlConnection.State == System.Data.ConnectionState.Open) { sqlConnection.Close(); }
21         }
22         public SqlConnection getConnection()
23         {
24             return sqlConnection;
25         }
26     }
27 }
28
29 
```

