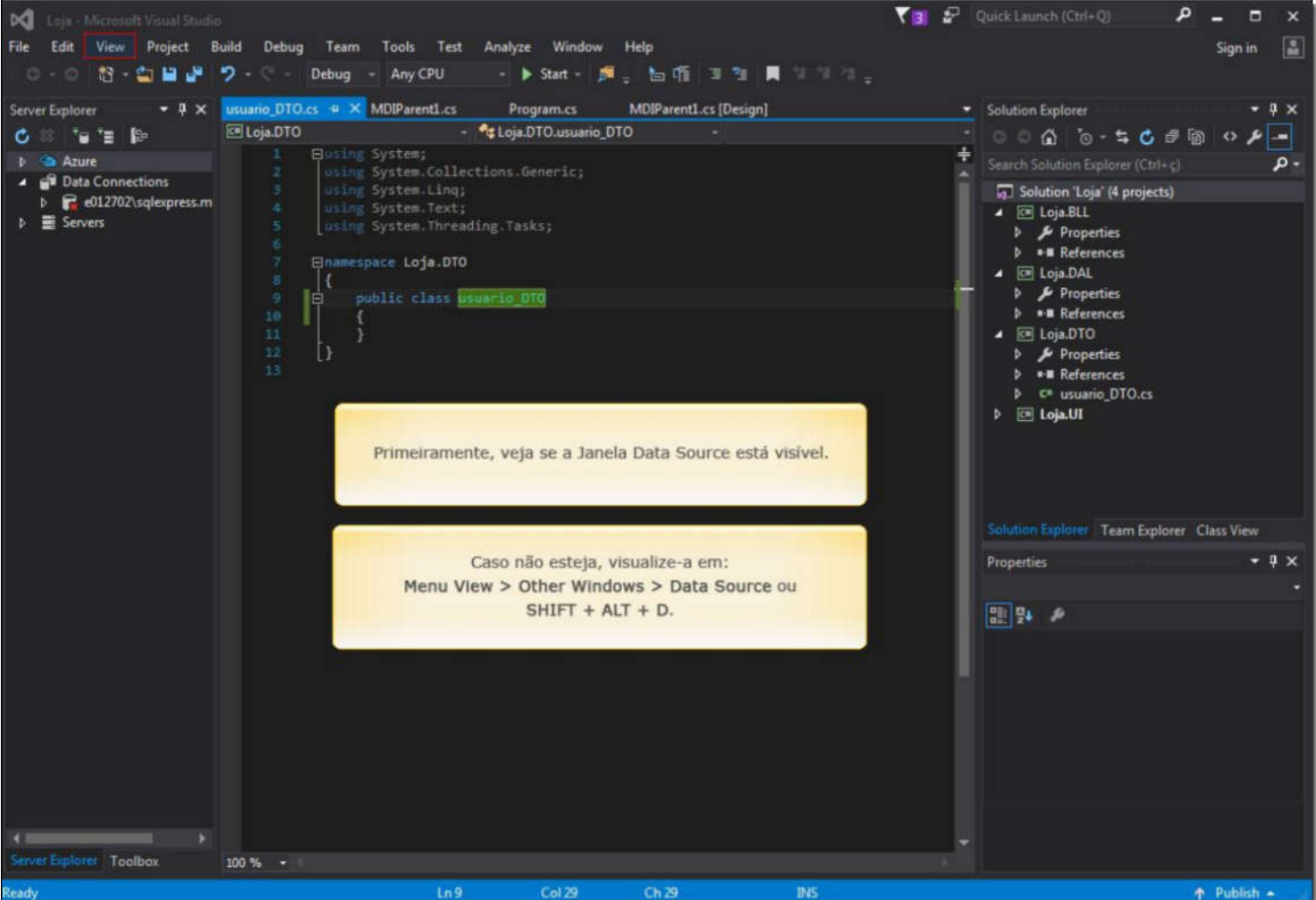


Definindo Atributos dos Usuários



Loja - Microsoft Visual Studio

File Edit **View** Project Build Debug Team Tools Test Analyze Window Help

Server Explorer

- Azure
- Data Connections
 - e0127021sqlserver.m
- Servers

usuario.DTO.cs MDIParent1.cs Program.cs MDIParent1.cs [Design]

Loja.DTO

```
1 using System;
2 using System.Collections.Generic;
3 using System.Linq;
4 using System.Text;
5 using System.Threading.Tasks;
6
7 namespace Loja.DTO
8 {
9     public class usuario.DTO
10     {
11     }
12 }
13
```

Primeiramente, veja se a Janela Data Source está visível.

Caso não esteja, visualize-a em:
Menu View > Other Windows > Data Source ou
SHIFT + ALT + D.

Solution Explorer

Search Solution Explorer (Ctrl+ç)

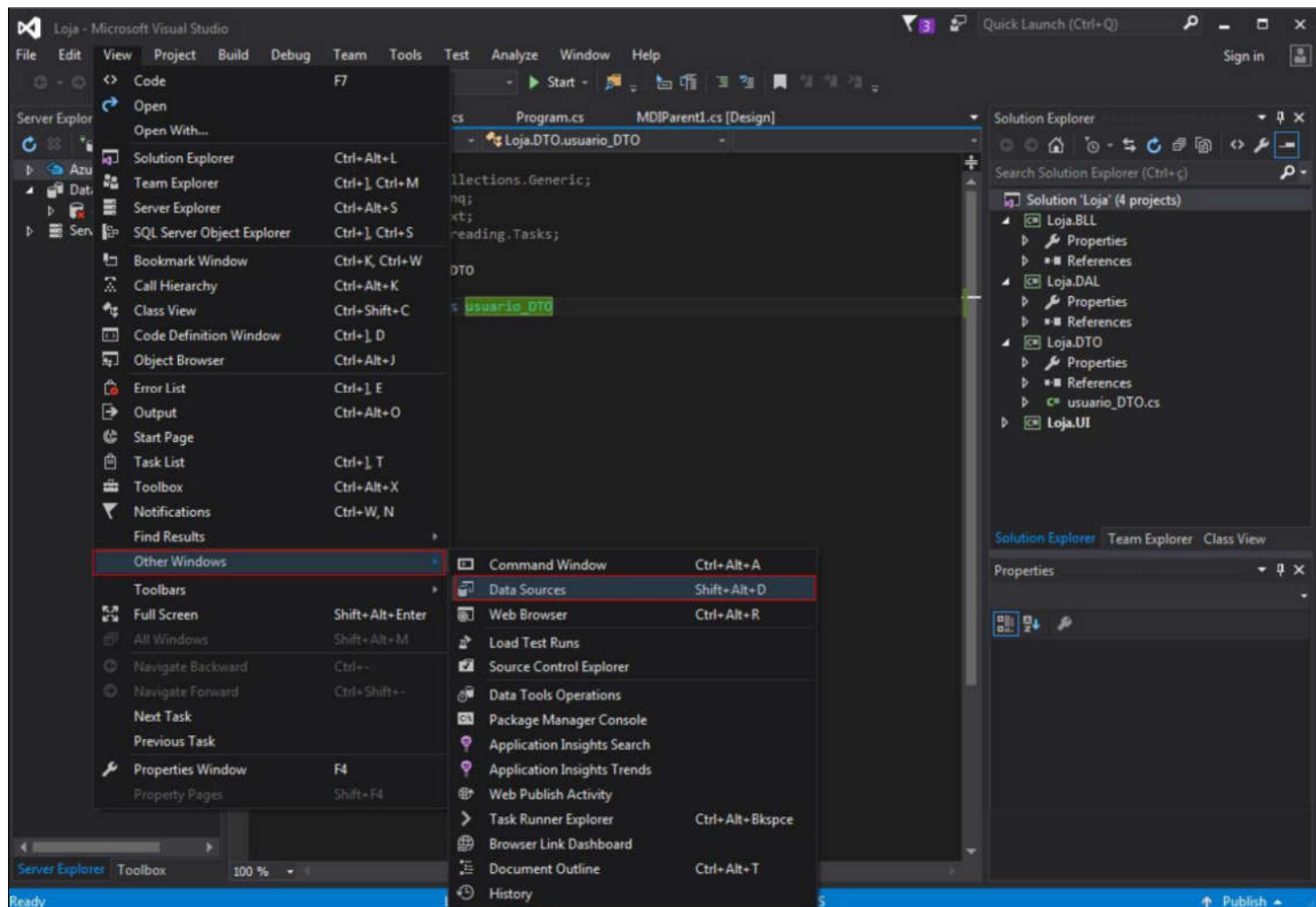
Solution 'Loja' (4 projects)

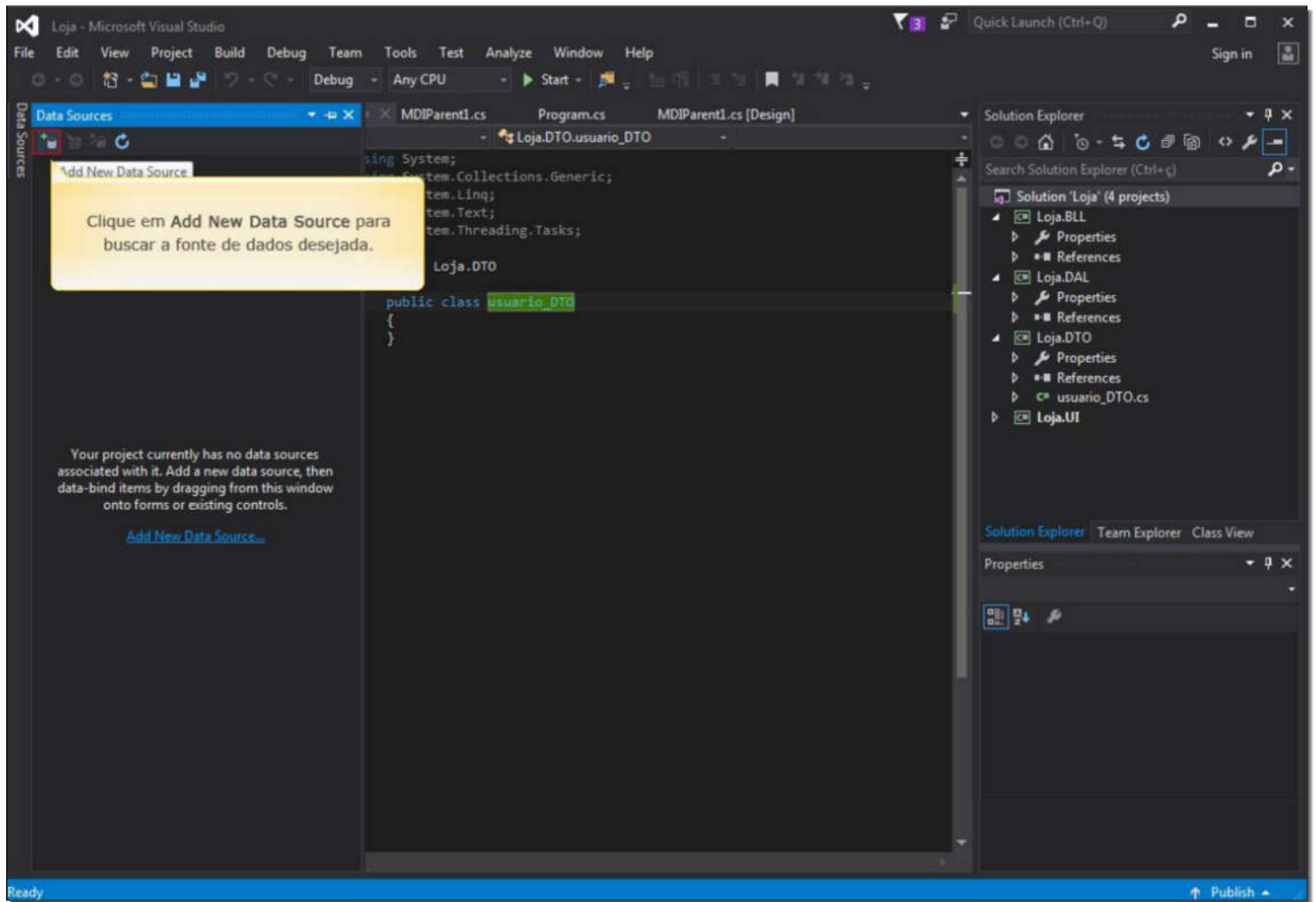
- Loja.BLL
 - Properties
 - References
- Loja.DAL
 - Properties
 - References
- Loja.DTO
 - Properties
 - References
 - usuario.DTO.cs
- Loja.UI

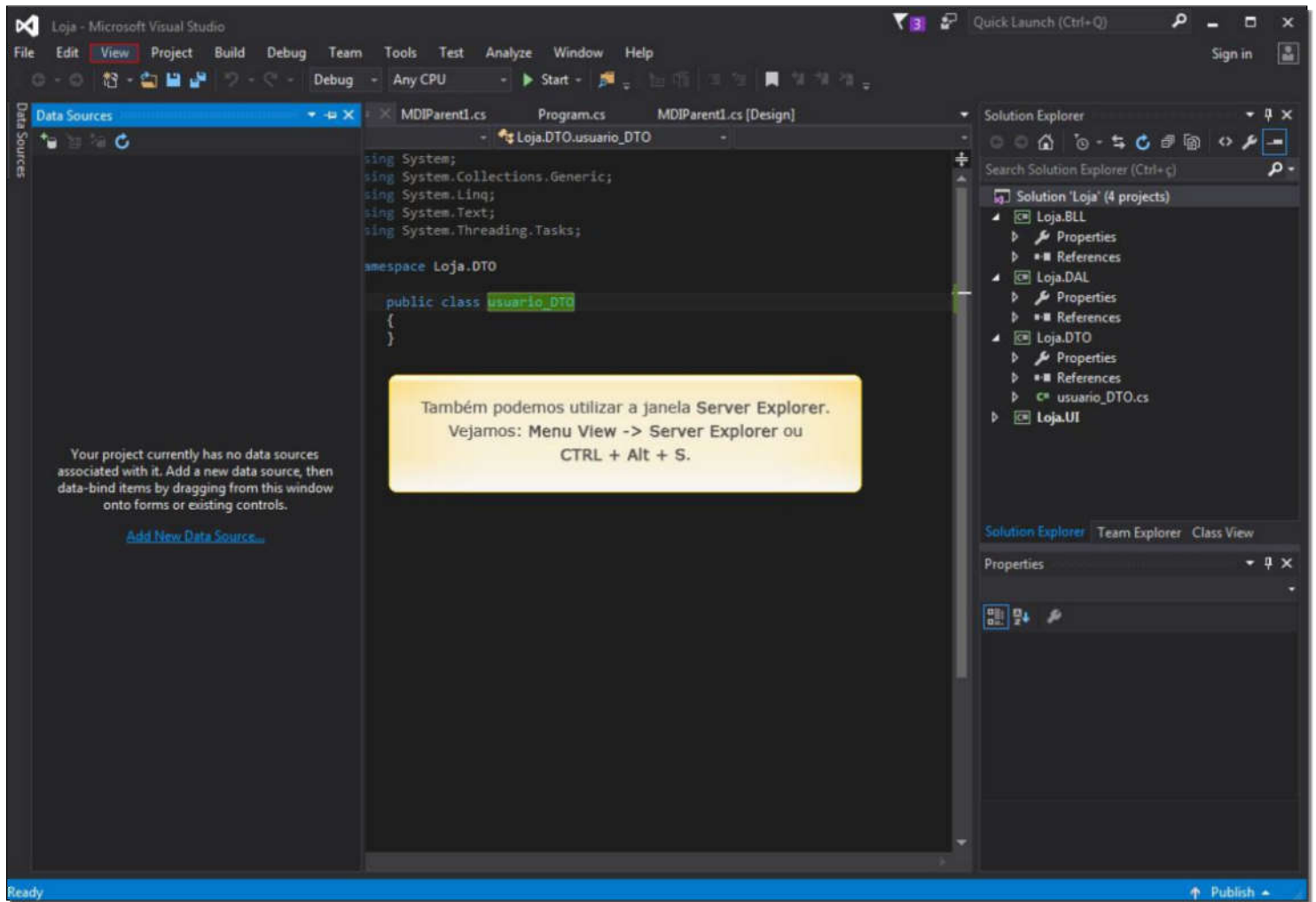
Solution Explorer Team Explorer Class View

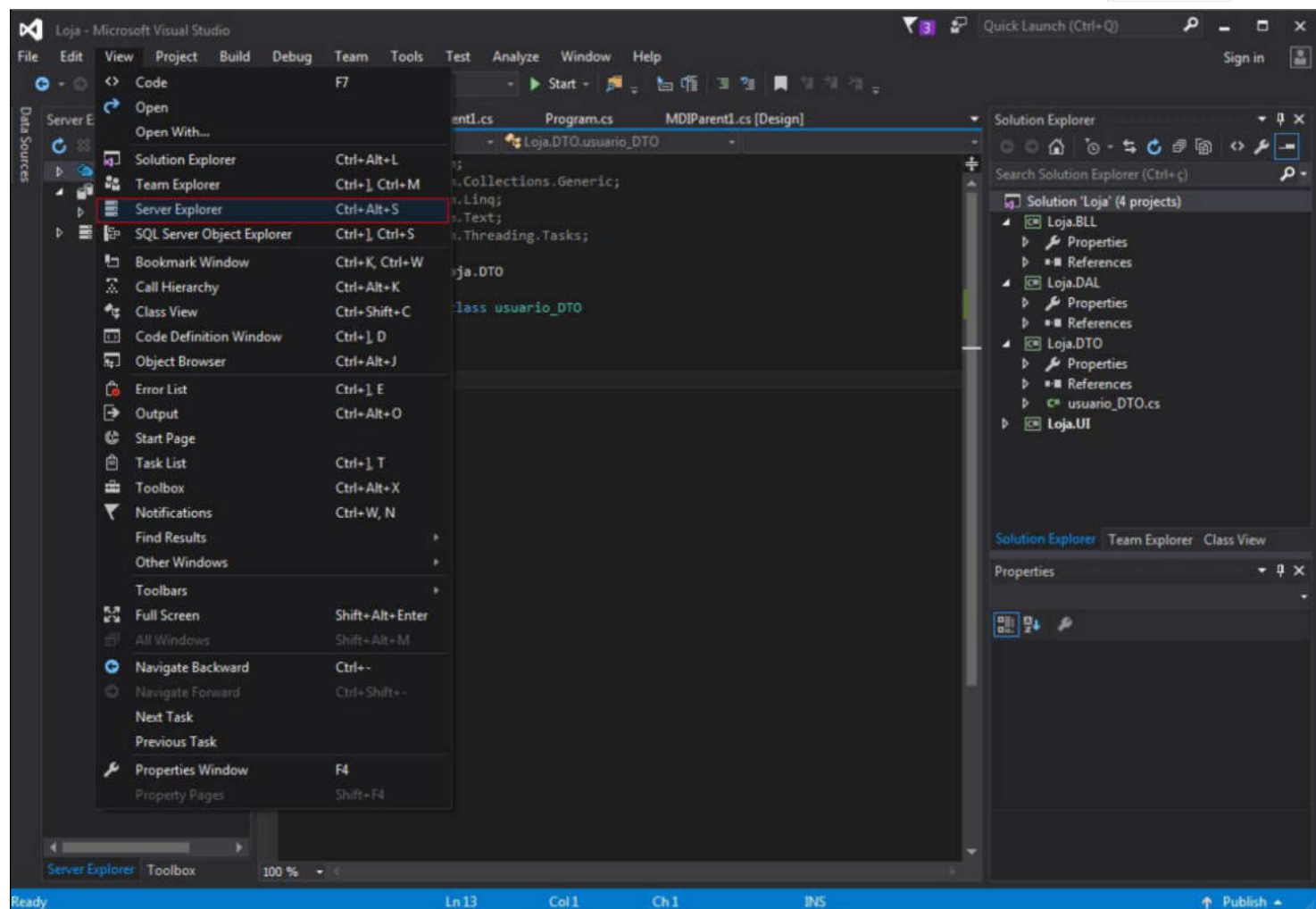
Properties

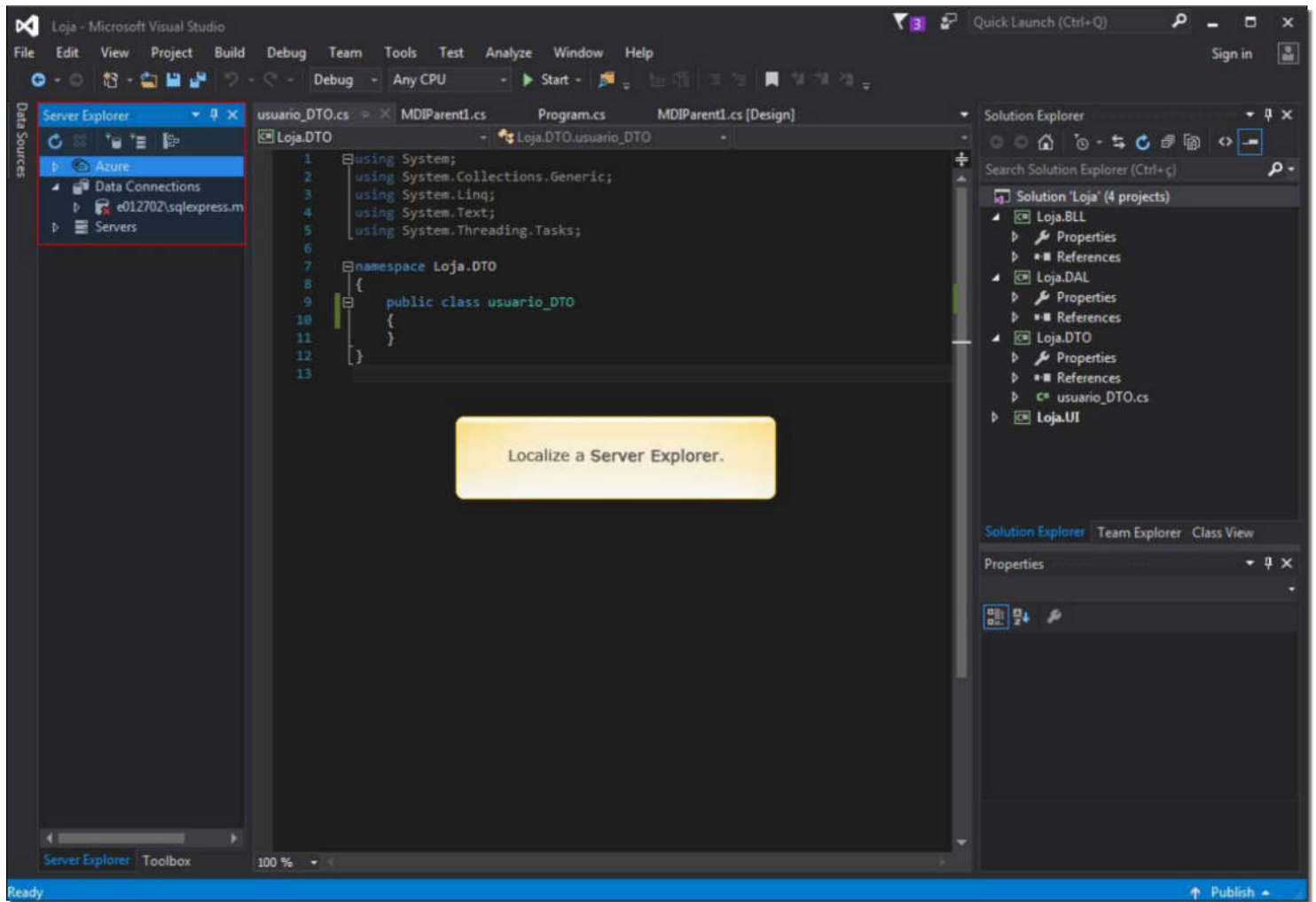
Ready Ln 9 Col 29 Ch 29 INS Publish

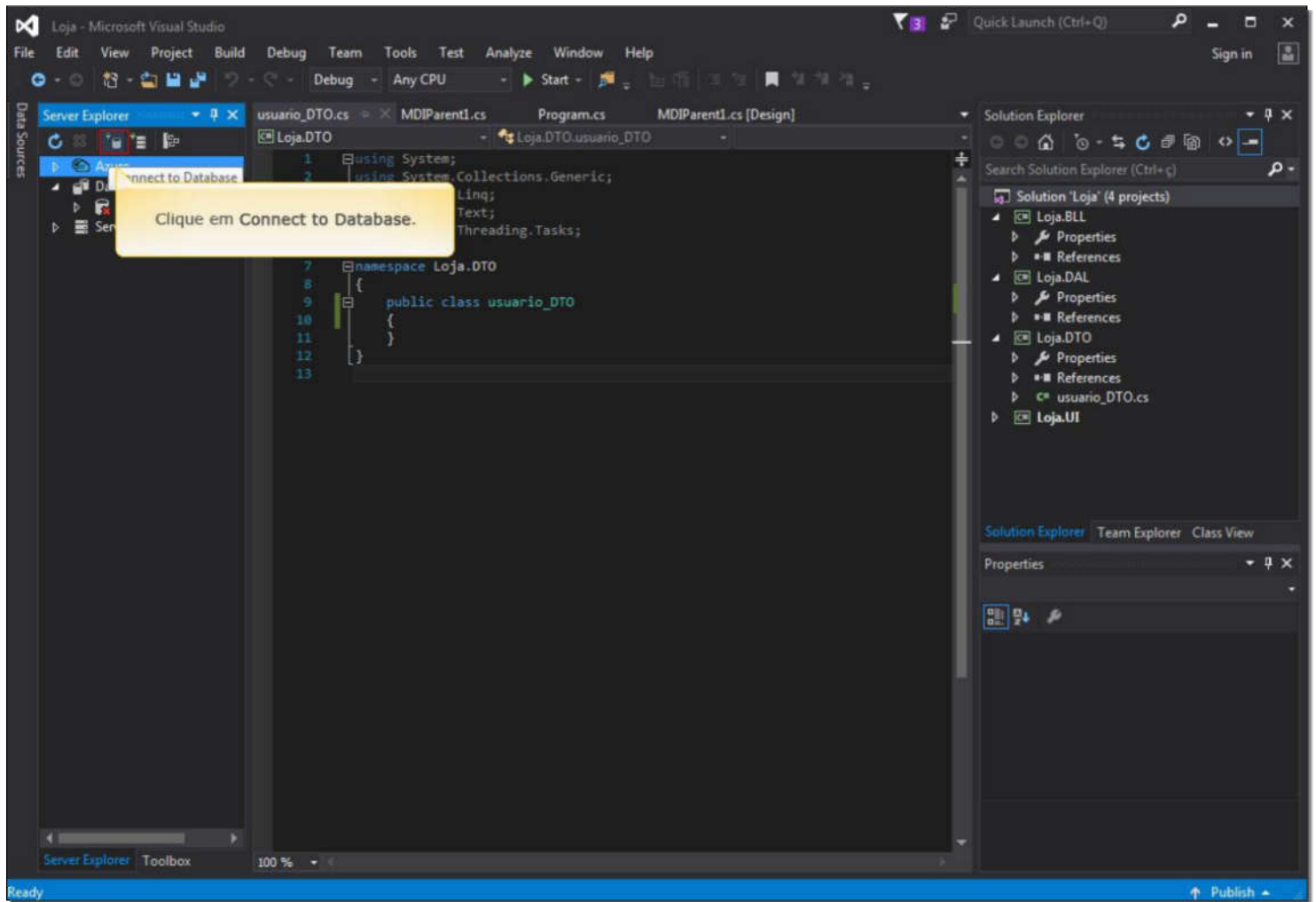


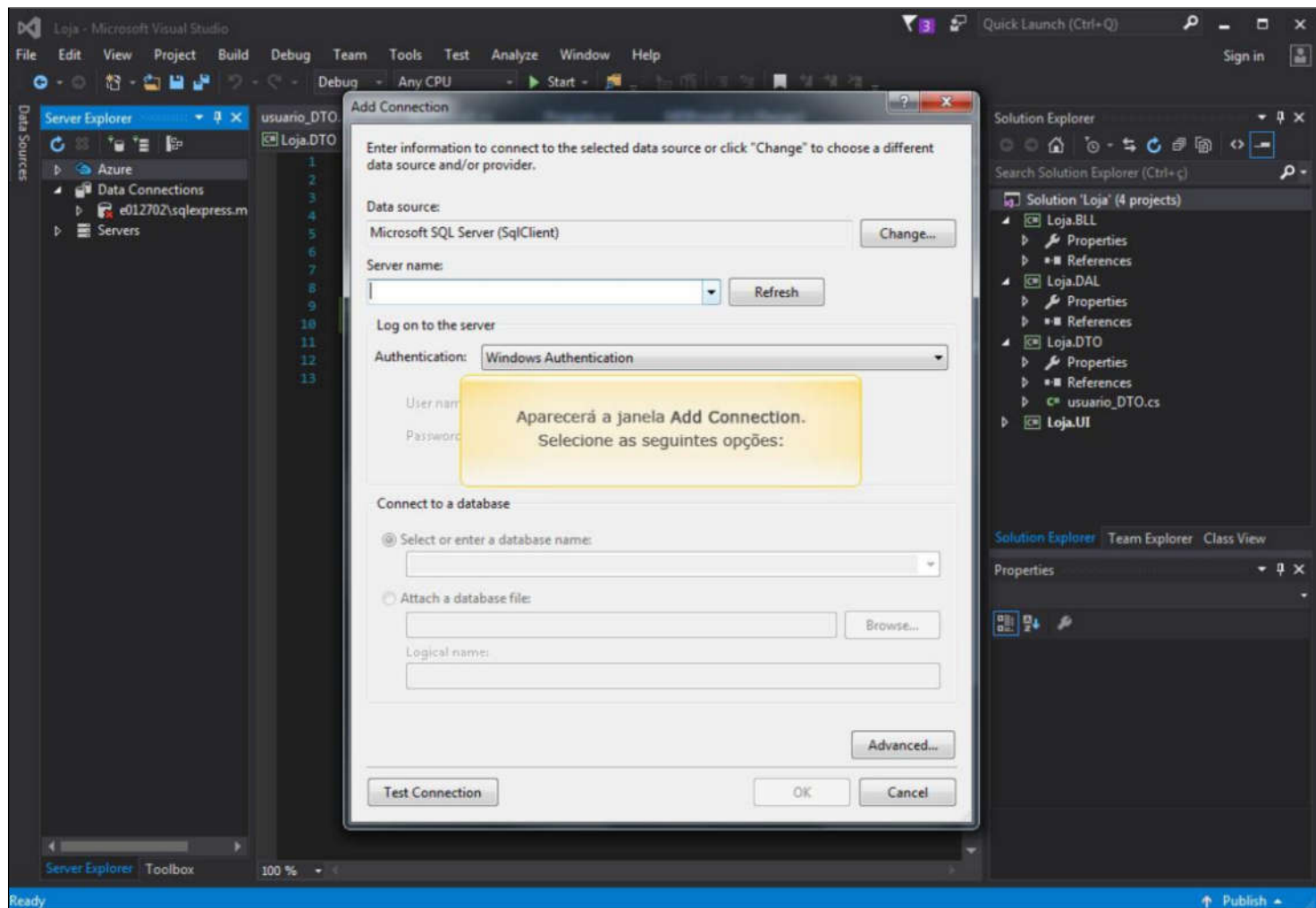


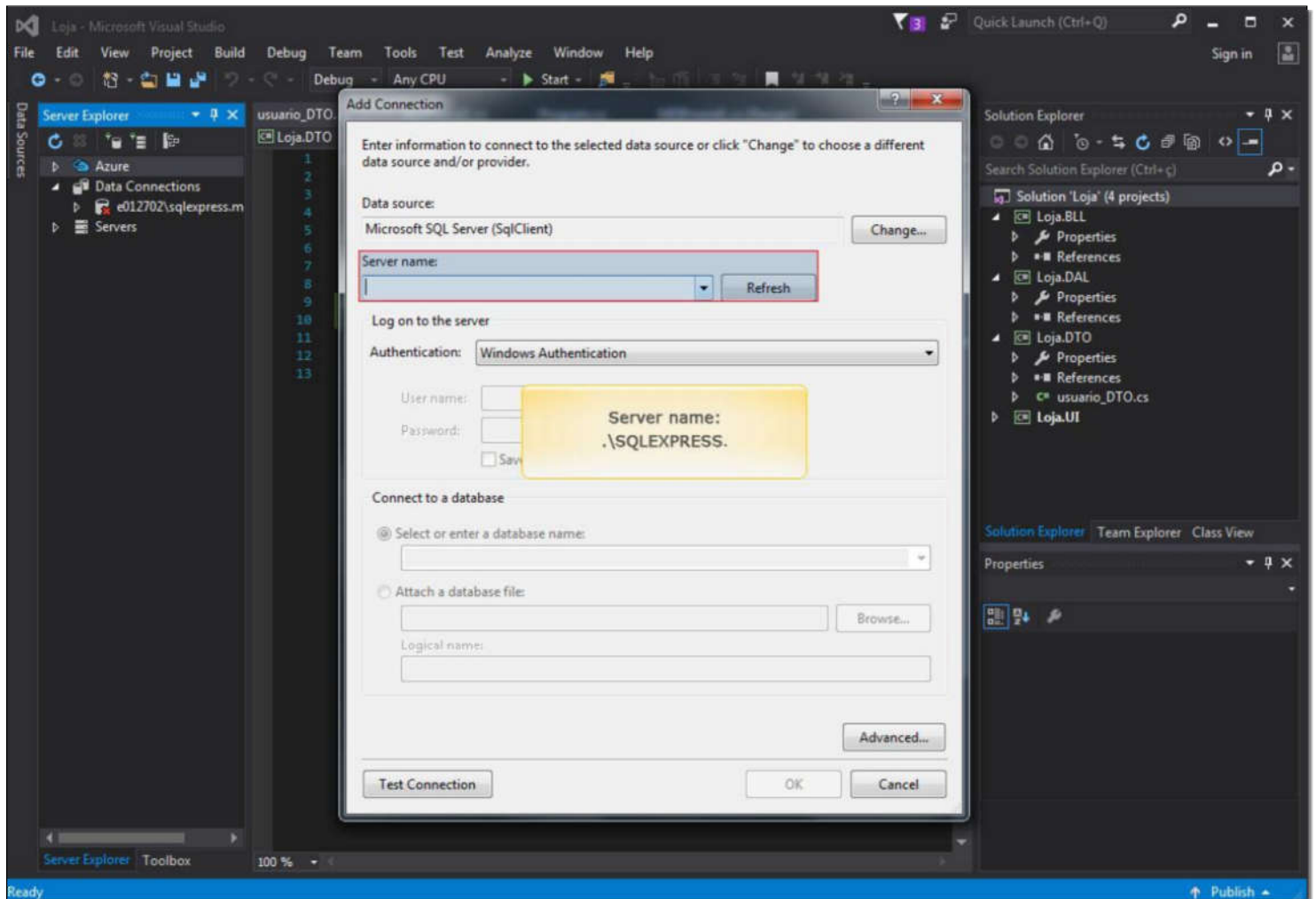


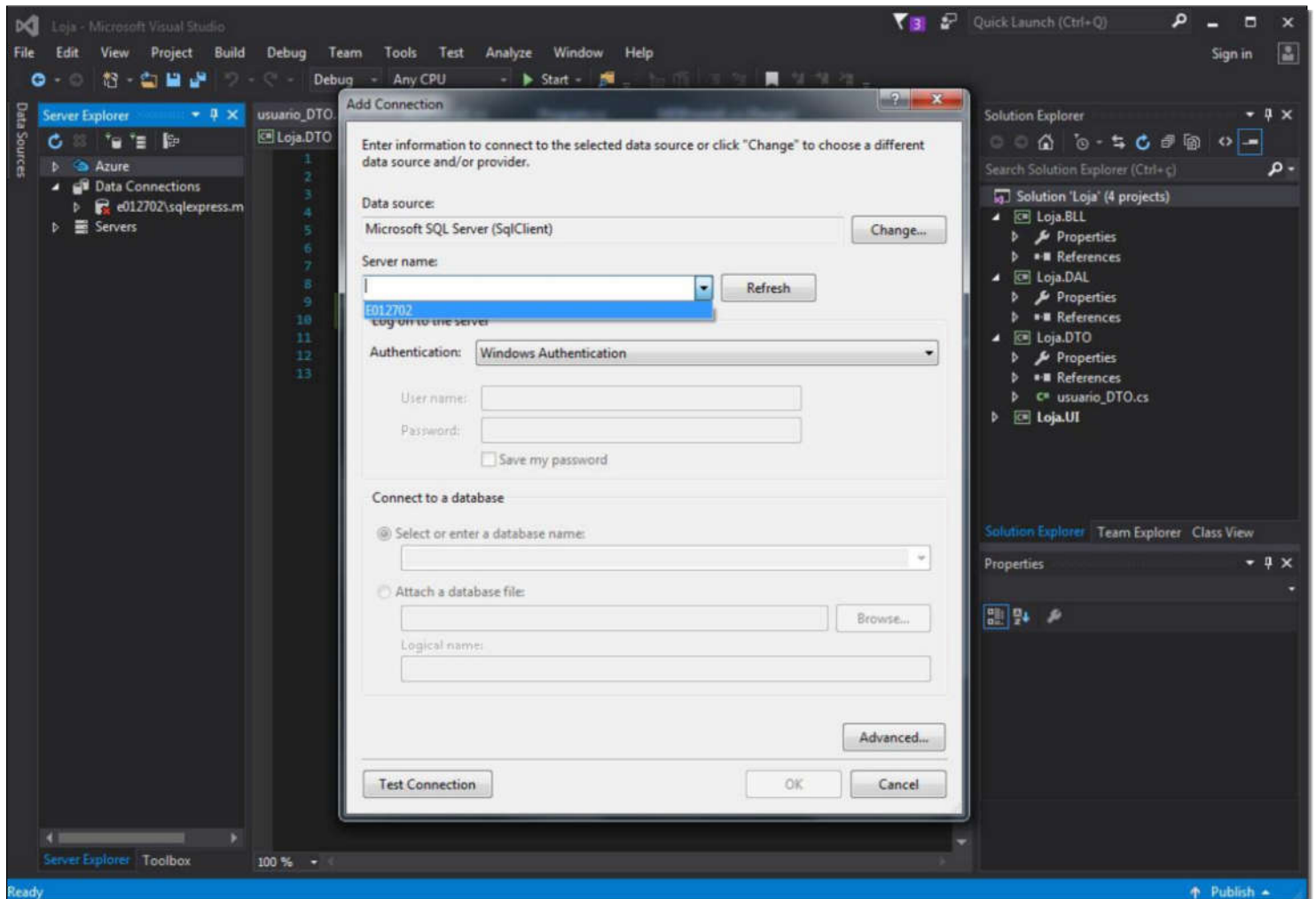


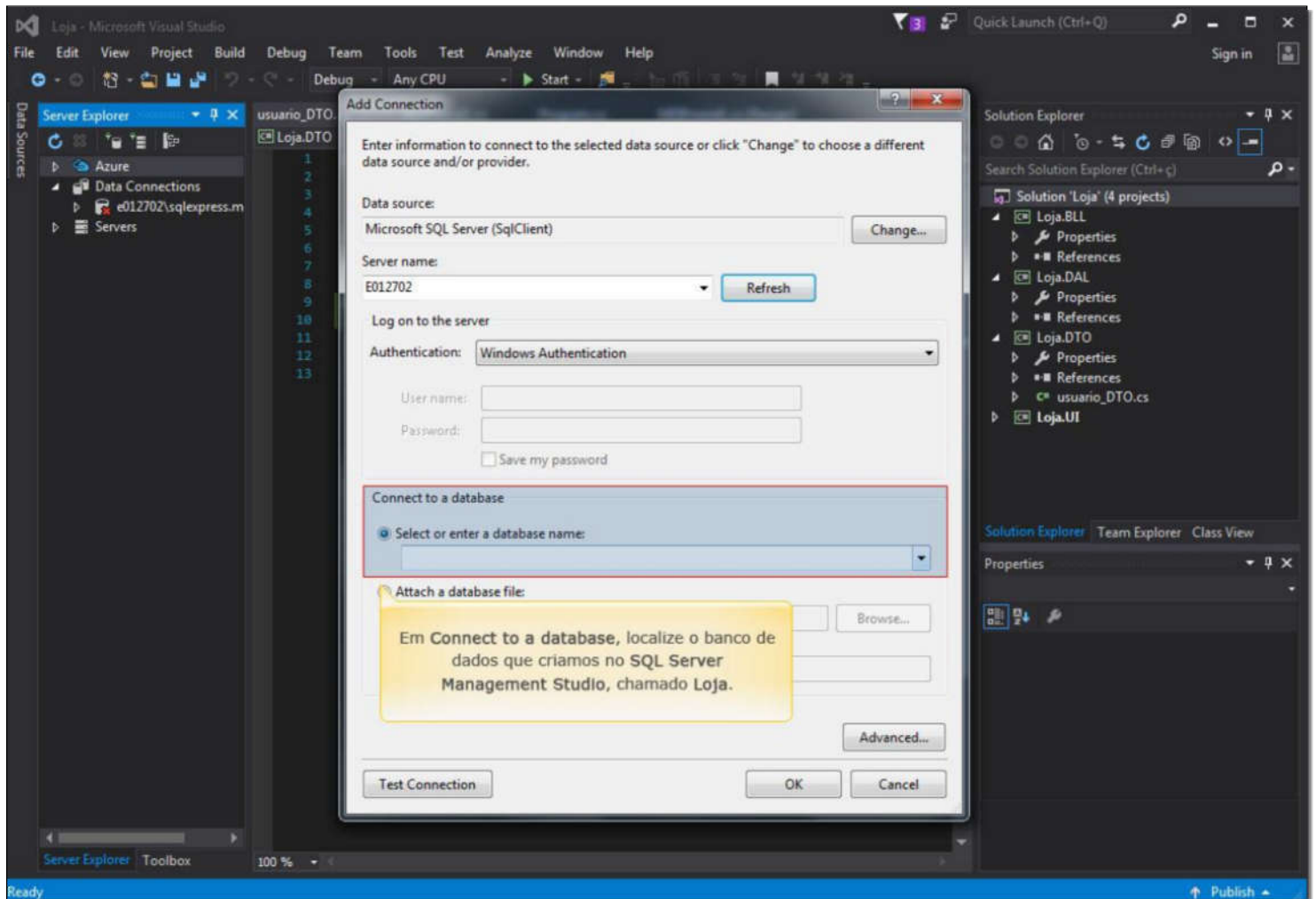


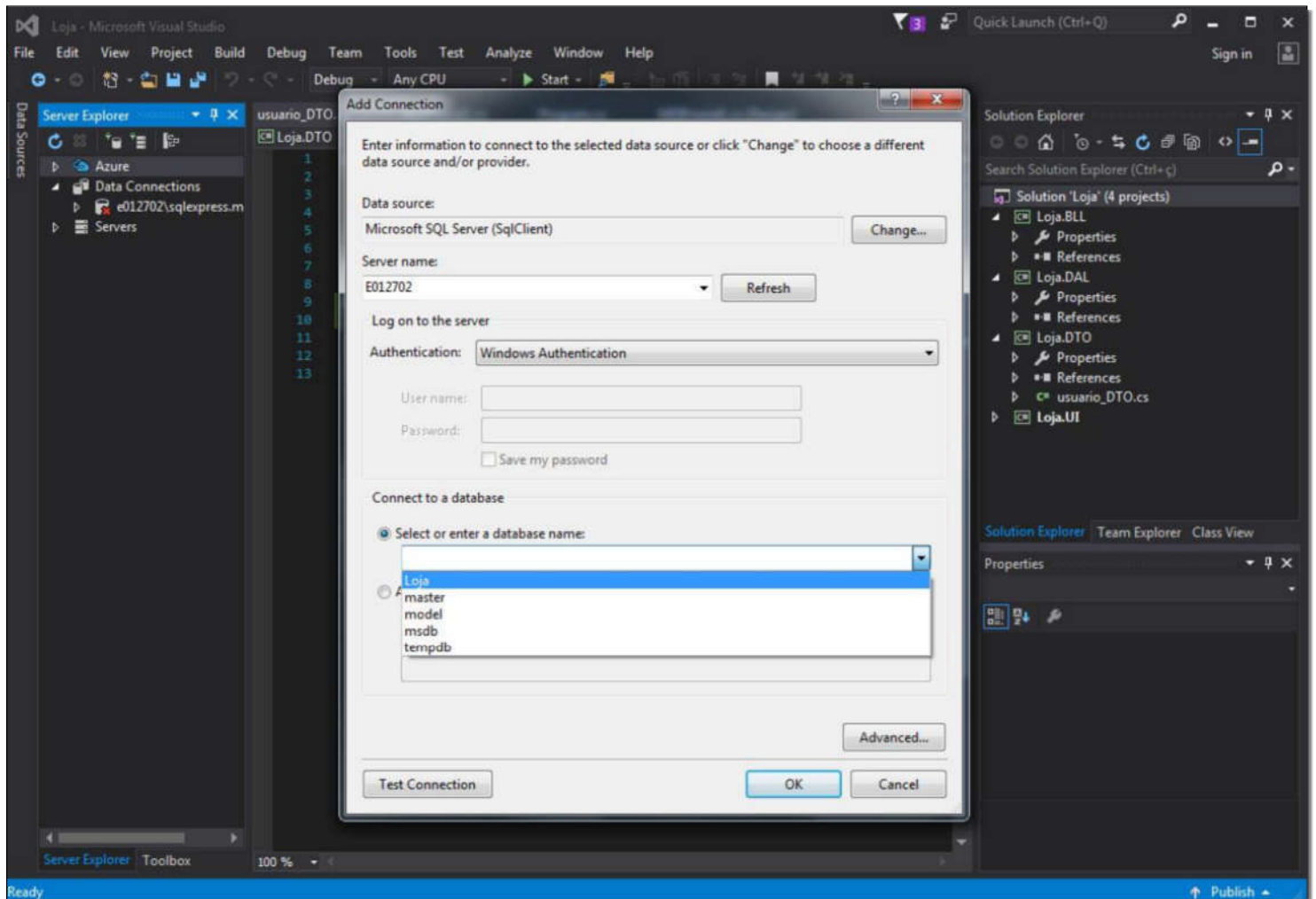


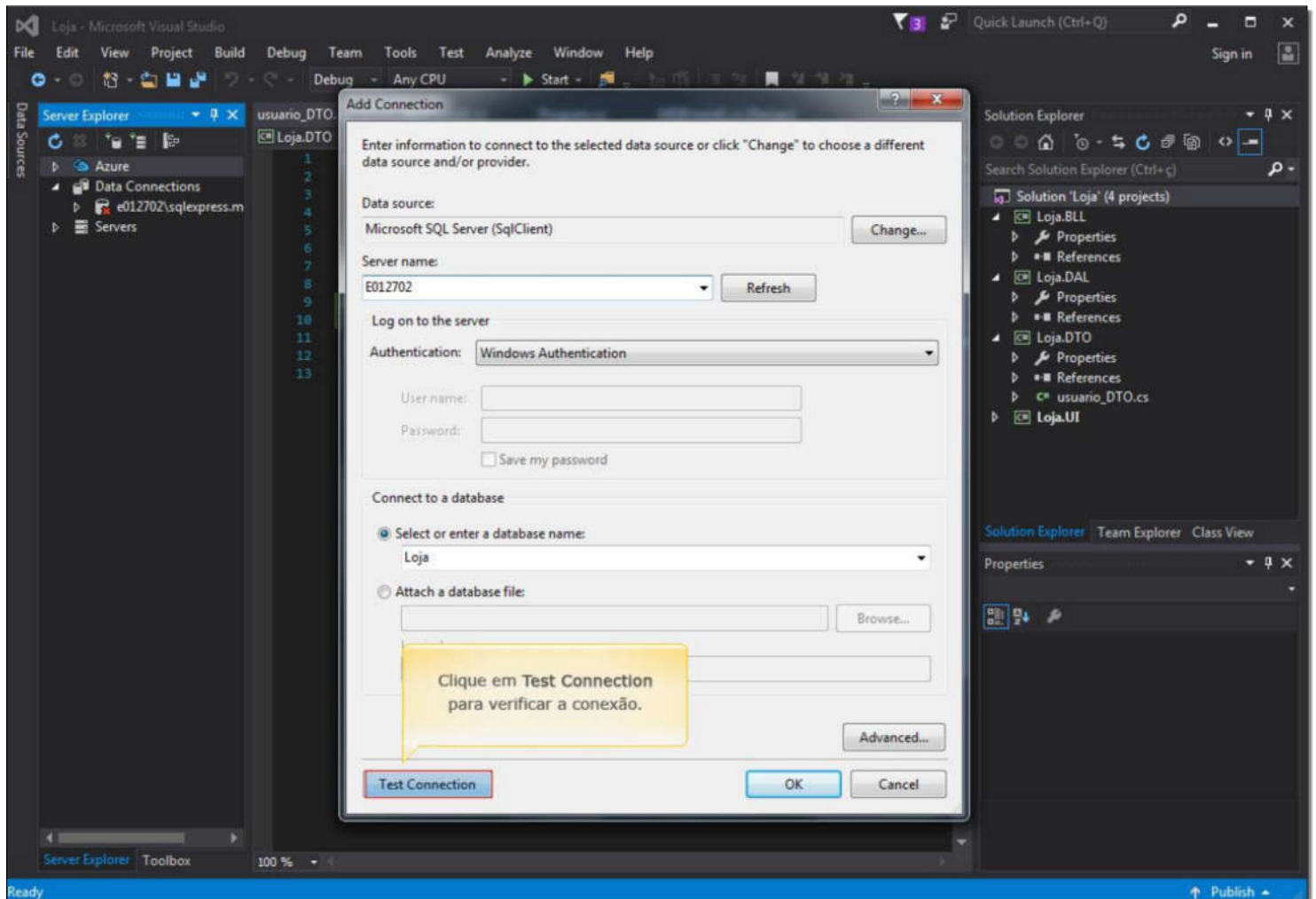


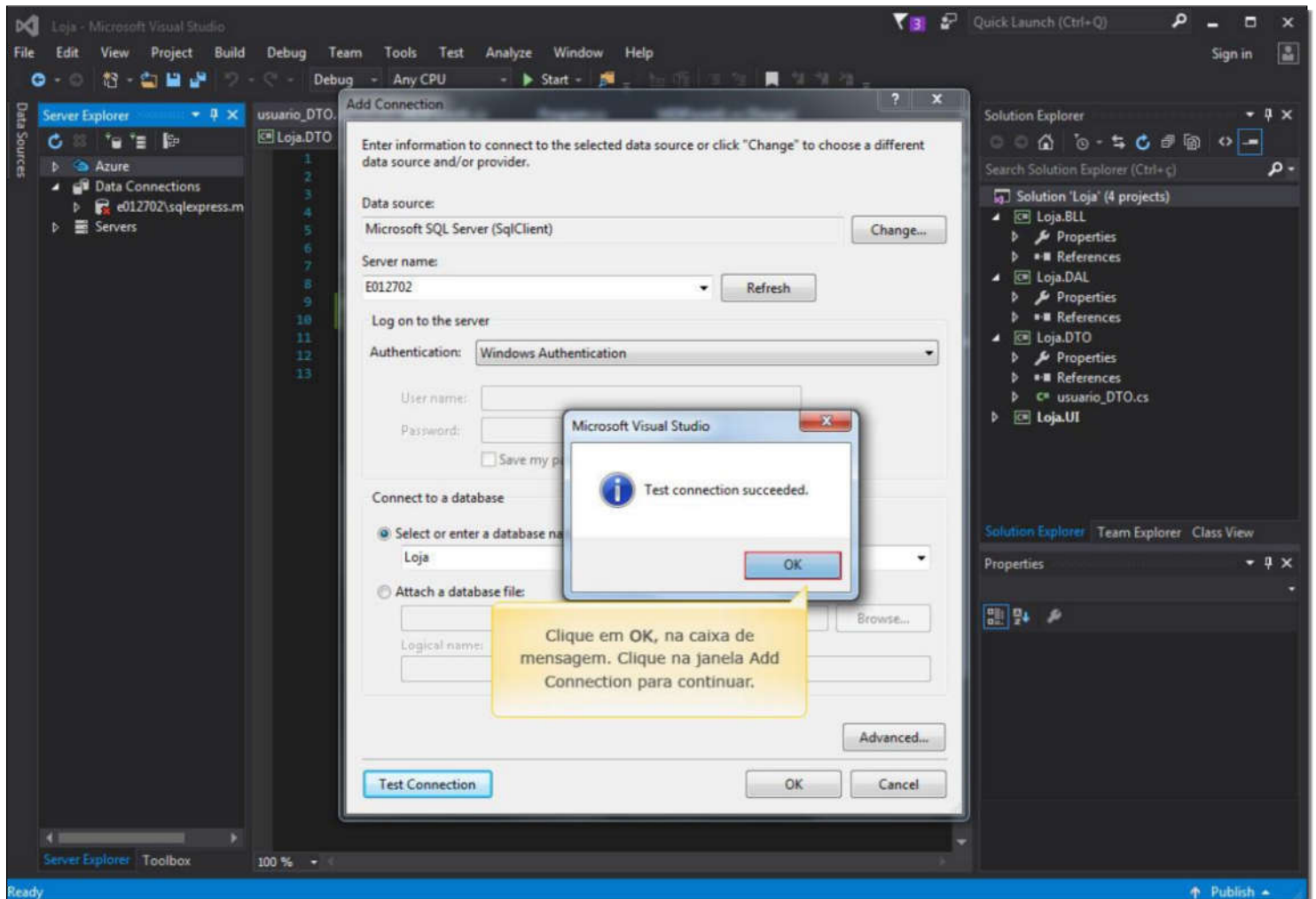


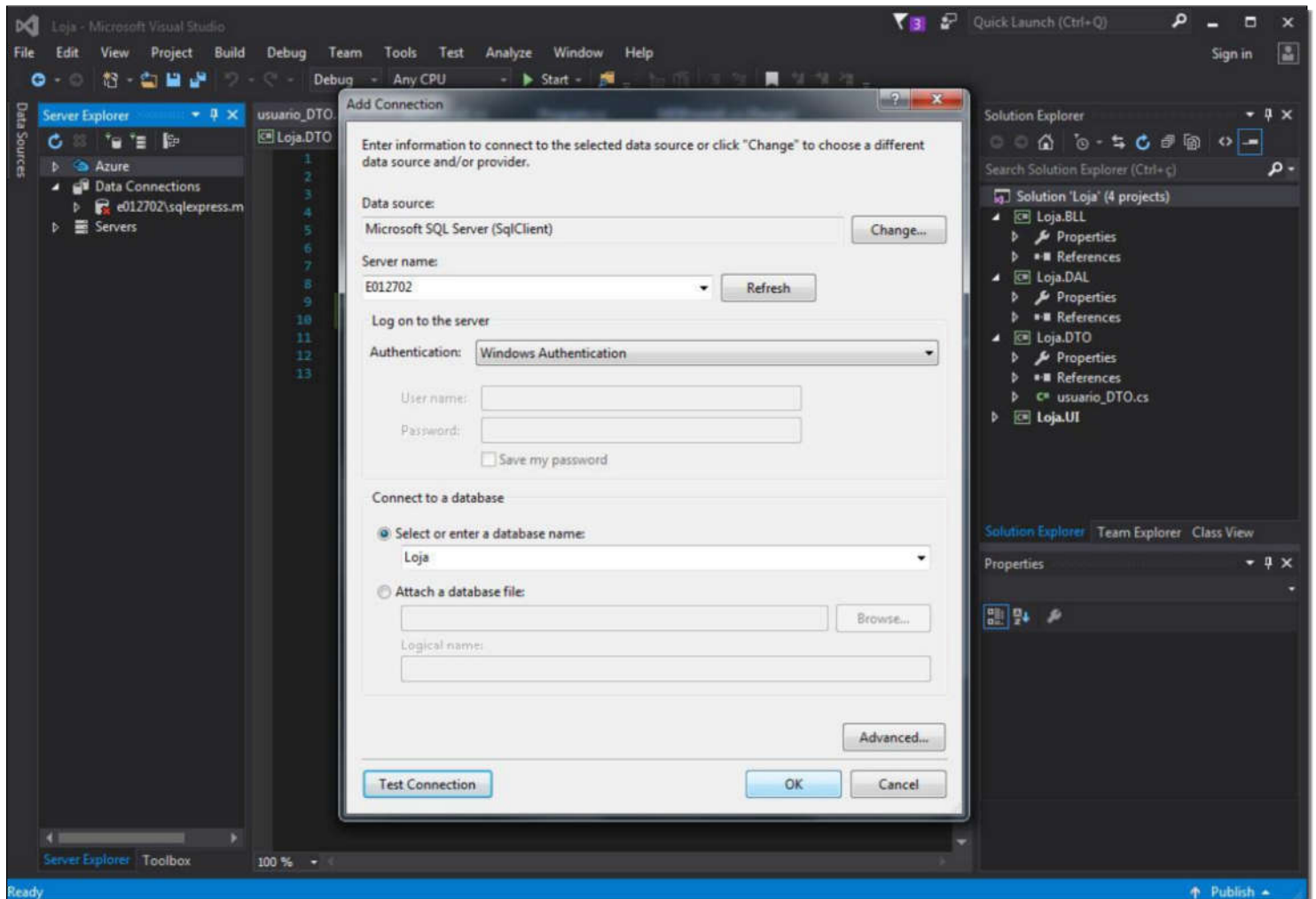


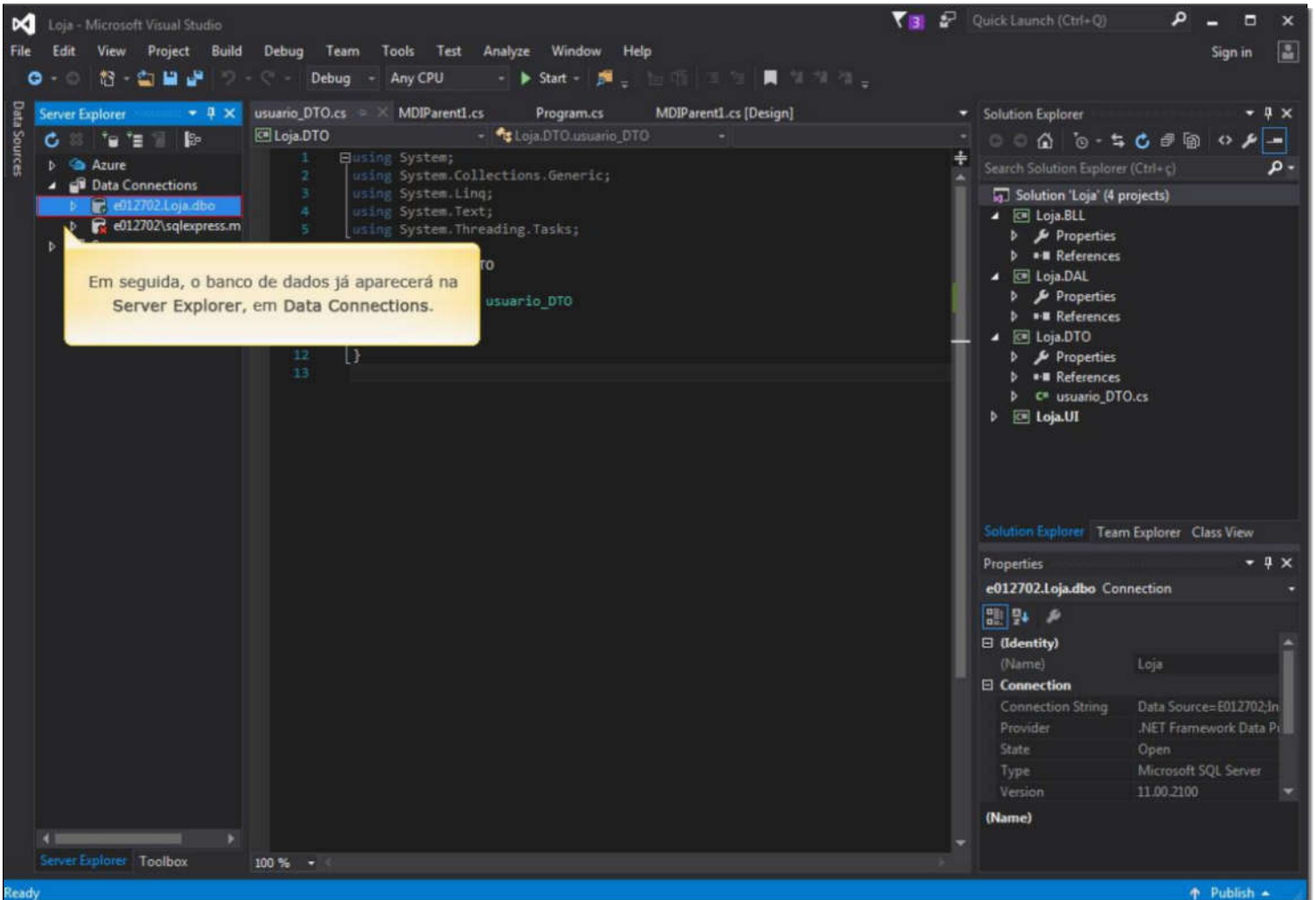












Loja - Microsoft Visual Studio

File Edit View Project Build Debug Team Tools Test Analyze Window Help

Debug Any CPU Start

Server Explorer

Data Sources

Azure

Data Connections

e012702.Loja.dbo

e012702.sqlexpress.m

Em seguida, o banco de dados já aparecerá na Server Explorer, em Data Connections.

usuario.DTO.cs MDIParent1.cs Program.cs MDIParent1.cs [Design]

Loja.DTO

```
1 using System;
2 using System.Collections.Generic;
3 using System.Linq;
4 using System.Text;
5 using System.Threading.Tasks;
```

12 }
13

Solution Explorer

Search Solution Explorer (Ctrl+ç)

Solution 'Loja' (4 projects)

- Loja.BLL
 - Properties
 - References
- Loja.DAL
 - Properties
 - References
- Loja.DTO
 - Properties
 - References
- usuario.DTO.cs
- Loja.UI

Solution Explorer Team Explorer Class View

Properties

e012702.Loja.dbo Connection

(Identity)

(Name) Loja

Connection

Connection String Data Source=E012702;In

Provider .NET Framework Data Pi

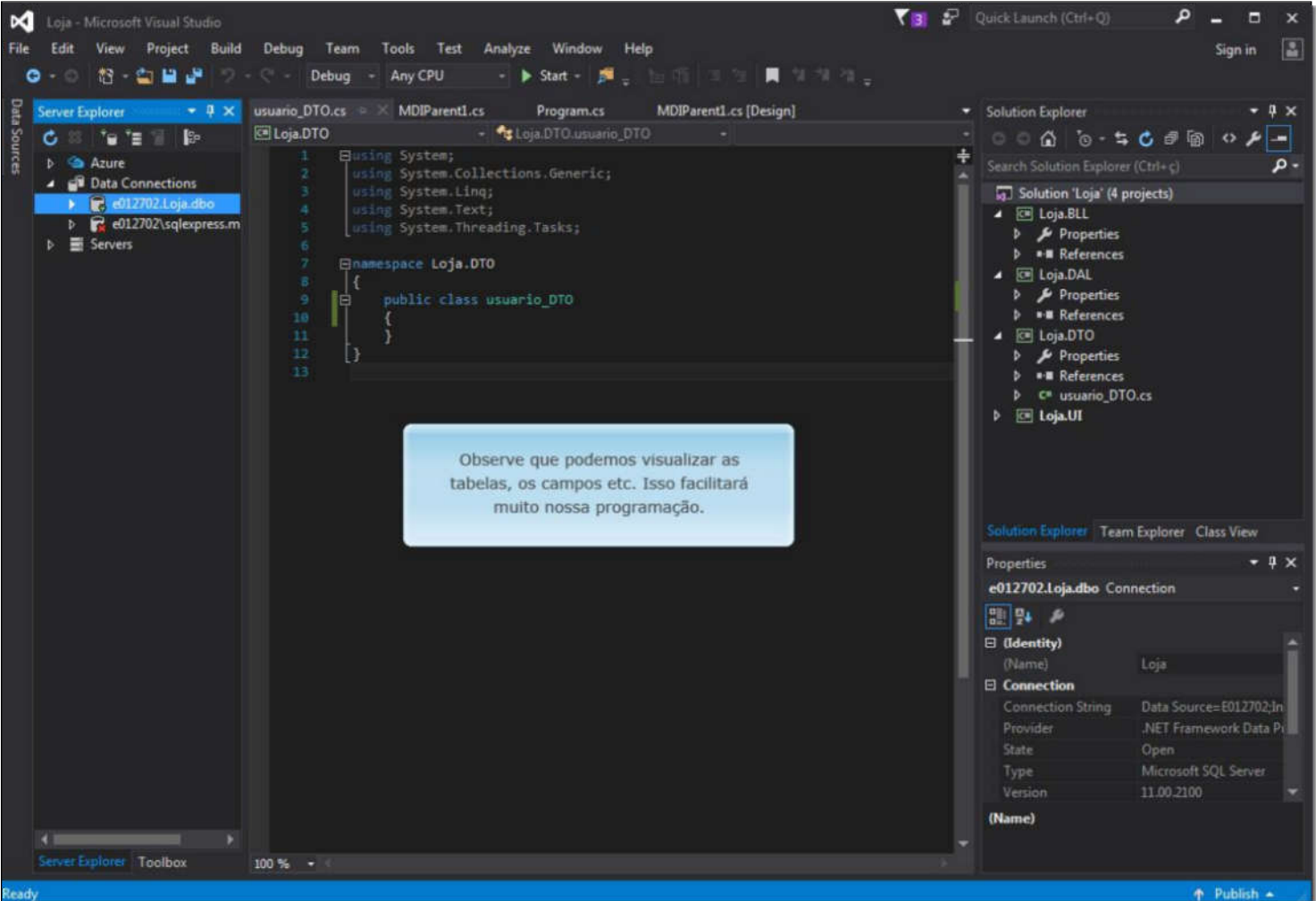
State Open

Type Microsoft SQL Server

Version 11.00.2100

(Name)

Ready Publish



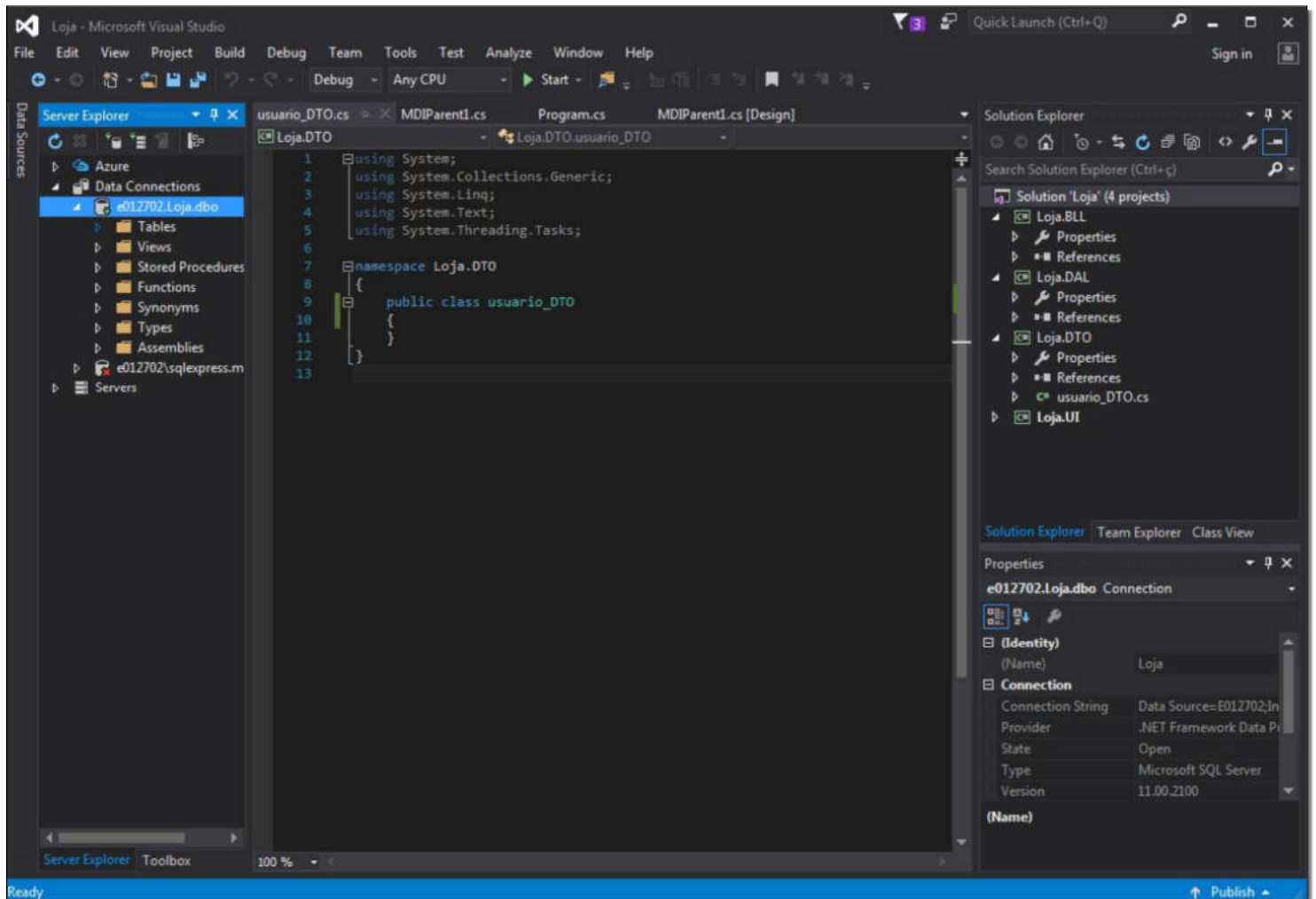
The screenshot displays the Microsoft Visual Studio IDE with the 'Loja' solution open. The central editor shows the 'usuario.DTO.cs' file, which contains the following code:

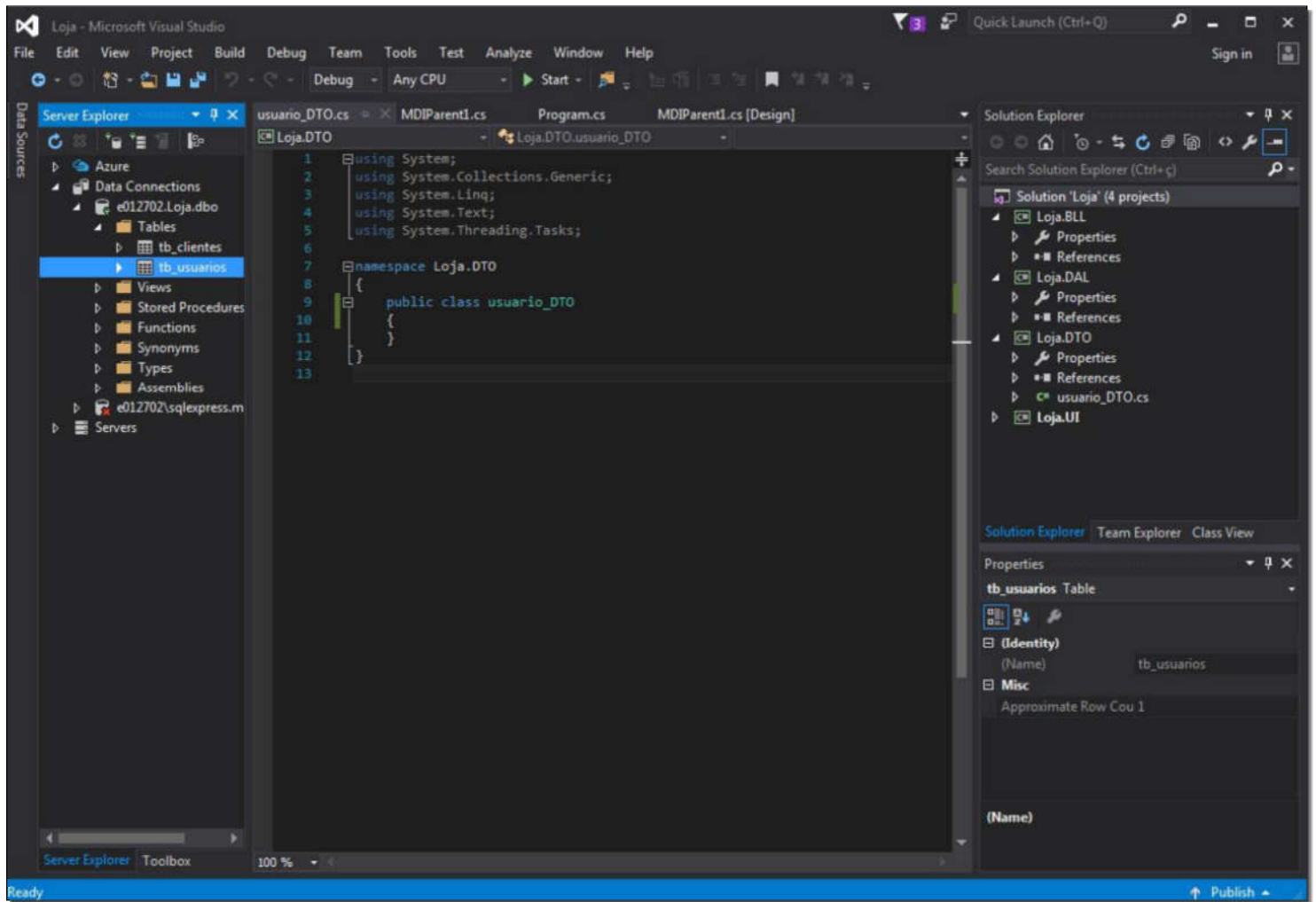
```
1 using System;
2 using System.Collections.Generic;
3 using System.Linq;
4 using System.Text;
5 using System.Threading.Tasks;
6
7 namespace Loja.DTO
8 {
9     public class usuario DTO
10     {
11     }
12 }
13
```

A blue callout box in the center of the editor area contains the text: "Observe que podemos visualizar as tabelas, os campos etc. Isso facilitará muito nossa programação."

The left sidebar shows the 'Server Explorer' with 'Data Connections' expanded, highlighting 'e012702.Loja.dbo'. The right sidebar shows the 'Solution Explorer' with the project structure: 'Loja' (4 projects) including 'Loja.BLL', 'Loja.DAL', 'Loja.DTO', and 'Loja.UI'. Below the Solution Explorer, the 'Properties' window shows the 'e012702.Loja.dbo Connection' details:

e012702.Loja.dbo Connection	
(Identity)	
(Name)	Loja
Connection	
Connection String	Data Source=E012702;In
Provider	.NET Framework Data Pi
State	Open
Type	Microsoft SQL Server
Version	11.00.2100





The screenshot displays the Microsoft Visual Studio IDE with the following components:

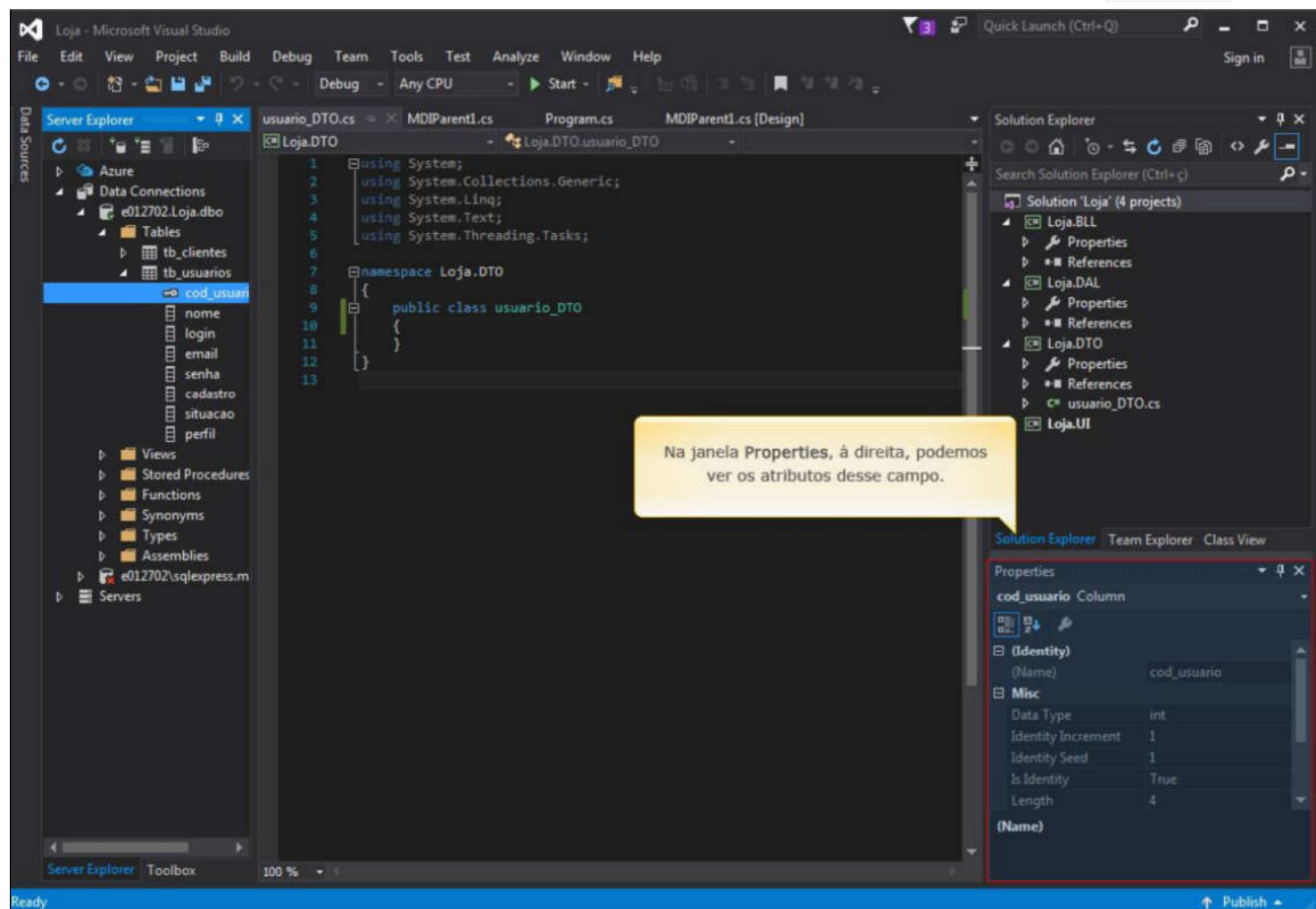
- Server Explorer:** Shows a data connection to 'e012702.Loja.dbo'. Under the 'Tables' folder, 'tb_usuarios' is selected.
- Code Editor:** Displays the file 'usuario.DTO.cs' with the following code:

```
1 using System;
2 using System.Collections.Generic;
3 using System.Linq;
4 using System.Text;
5 using System.Threading.Tasks;
6
7 namespace Loja.DTO
8 {
9     public class usuario DTO
10     {
11     }
12 }
13
```
- Solution Explorer:** Shows the project structure for 'Solution 'Loja' (4 projects)':
 - Loja.BLL
 - Properties
 - References
 - Loja.DAL
 - Properties
 - References
 - Loja.DTO
 - Properties
 - References
 - usuario.DTO.cs
 - Loja.UI
- Properties Window:** Shows the 'tb_usuarios Table' with the following details:
 - (Identity)**: (Name) tb_usuarios
 - Misc**: Approximate Row Cou 1
 - (Name)**: (Name)

The status bar at the bottom indicates 'Ready' and 'Publish'.

Selecione a tb_usuarios e o campo cod_usuario, por exemplo.

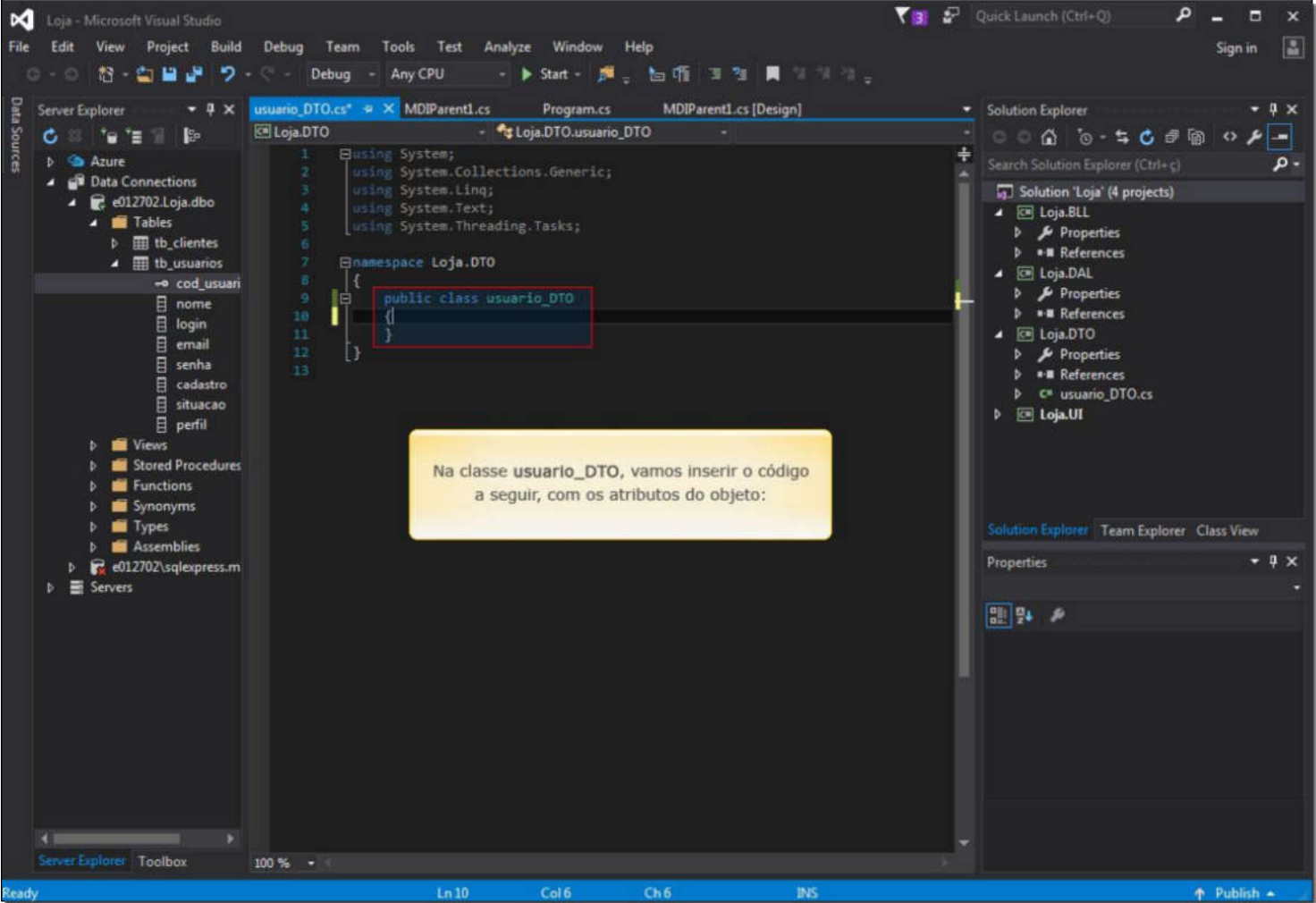
```
1 using System;
2 using System.Collections.Generic;
3 using System.Linq;
4 using System.Text;
5 using System.Threading.Tasks;
6
7 namespace Loja.DTO
8 {
9     public class usuario.DTO
10     {
11     }
12 }
13
```



Na janela Properties, à direita, podemos ver os atributos desse campo.

Properties

cod_usuario Column	
(Identity)	
(Name)	cod_usuario
Misc	
Data Type	int
Identity Increment	1
Identity Seed	1
Is Identity	True
Length	4
(Name)	



The screenshot displays the Microsoft Visual Studio IDE with the following components:

- Server Explorer:** Shows a database connection to 'e012702.Loja.dbo' with tables 'tb_clientes' and 'tb_usuarios'. The 'tb_usuarios' table structure is visible, including fields like 'cod_usuari', 'nome', 'login', 'email', 'senha', 'cadastro', 'situacao', and 'perfil'.
- Solution Explorer:** Shows a solution named 'Loja' containing four projects: 'Loja.BLL', 'Loja.DAL', 'Loja.DTO', and 'Loja.UI'. The 'Loja.DTO' project is currently selected.
- Code Editor:** Displays the file 'usuario.DTO.cs' within the 'Loja.DTO' namespace. The code includes the following using statements:

```
1 using System;  
2 using System.Collections.Generic;  
3 using System.Linq;  
4 using System.Text;  
5 using System.Threading.Tasks;
```

Below these, the 'namespace Loja.DTO' is defined, and a new class 'public class usuario.DTO' is being created, with the opening curly brace highlighted by a red box.
- Callout Box:** A yellow box with the text: "Na classe usuario.DTO, vamos inserir o código a seguir, com os atributos do objeto:" (In the usuario.DTO class, we will insert the code below, with the attributes of the object:).

The status bar at the bottom indicates 'Ready', 'Ln 10', 'Col 6', 'Ch 6', 'INS', and a 'Publish' button.

```
public class usuario_DTO
/* Nesta classe DTO temos os atributos dos objetos
 * Public para que ele seja acessível externamente.
 * Propriedade Get e Set para acessar o conteúdo */
{
    public int cod_usuario { get; set; }
    public string nome { get; set; }
    public string login { get; set; }
    public string email { get; set; }
    public string senha { get; set; }
    public DateTime cadastro { get; set; }
    public string situacao { get; set; }
    public int perfil { get; set; }
}
```