

TODO App

First we need to create a winform application.

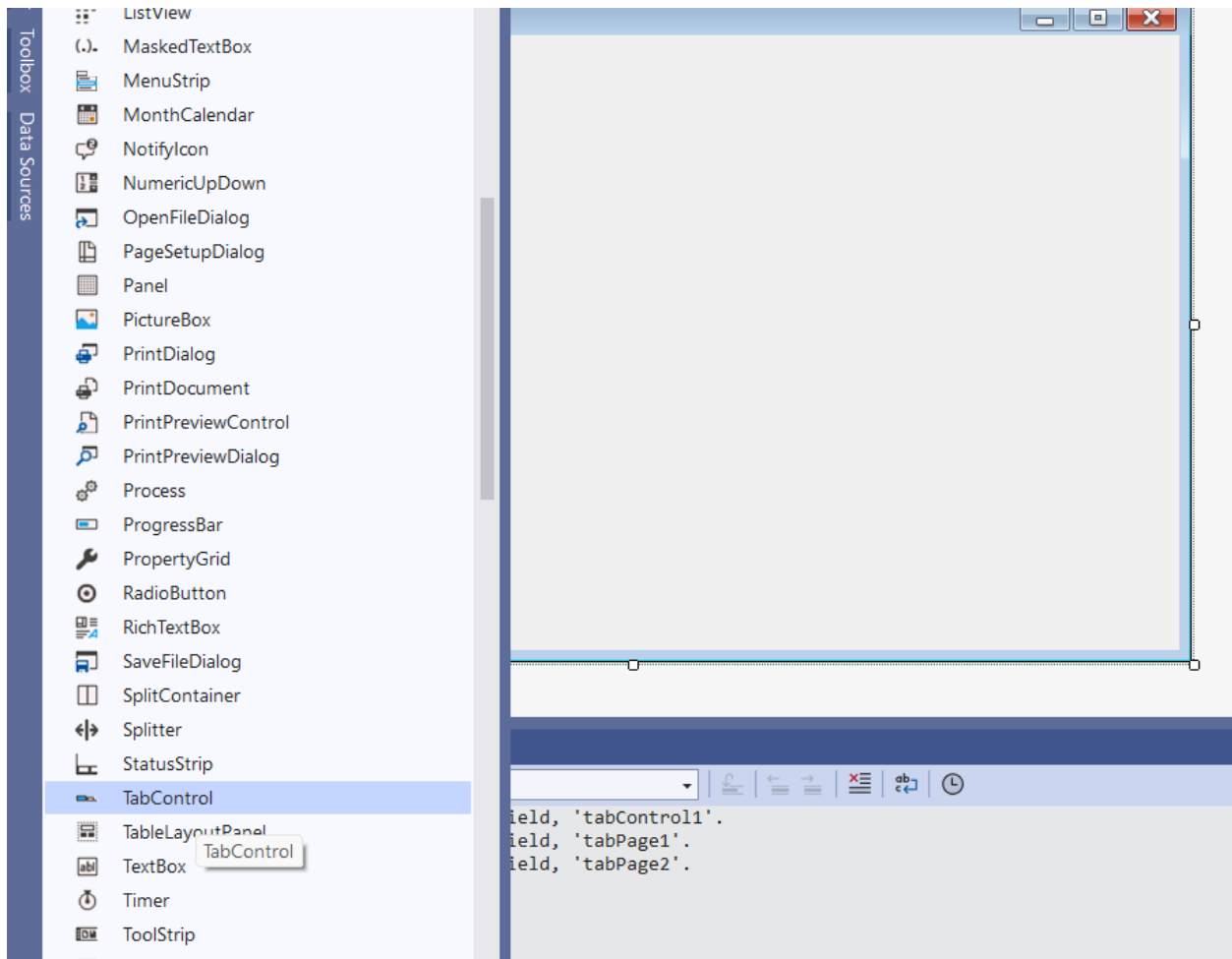
The Project Name and Solution name need to be different

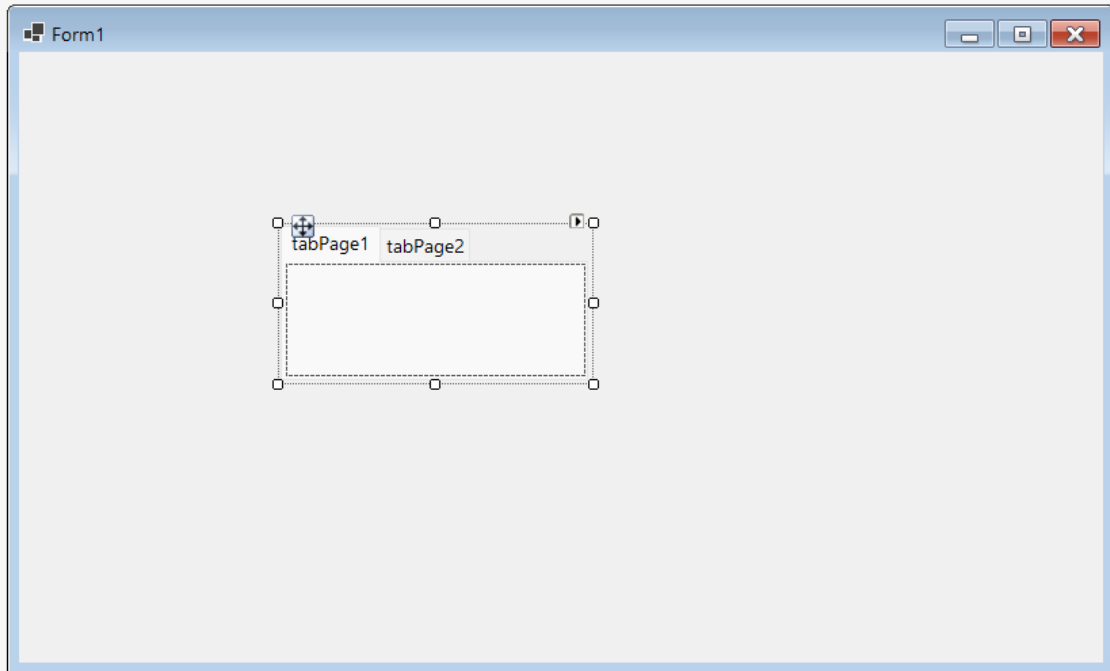
Project Name: ToDo_Winform

Solution Name: ToDoApp

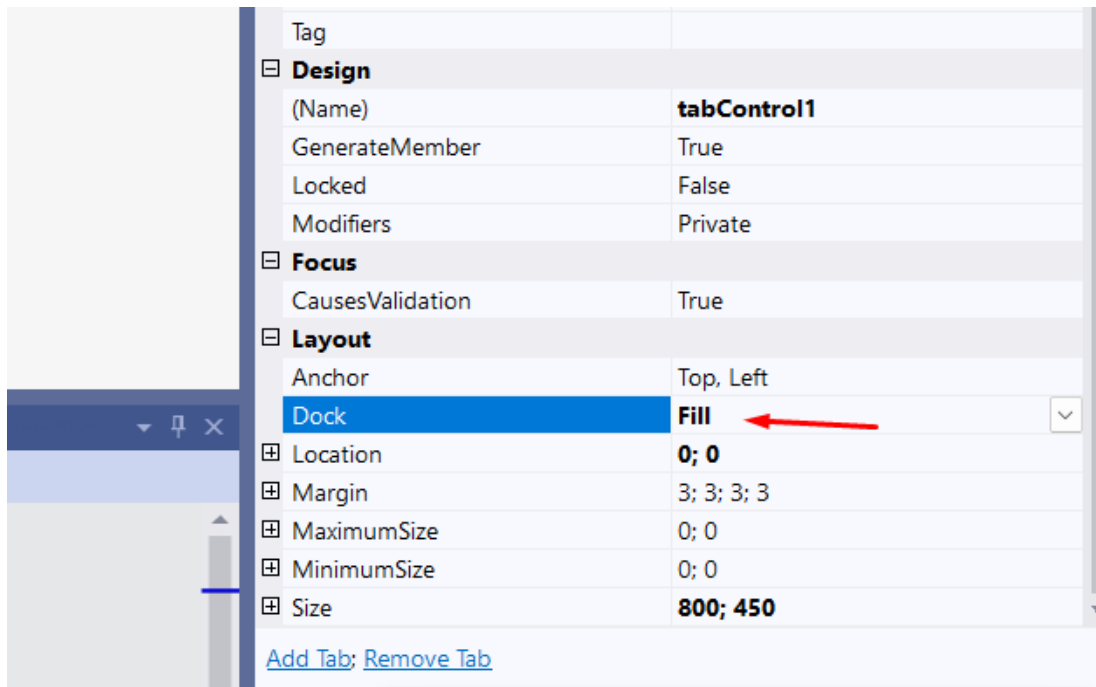
Then we open the toolbox and add some controls

First is Tab control that we dock it to the window

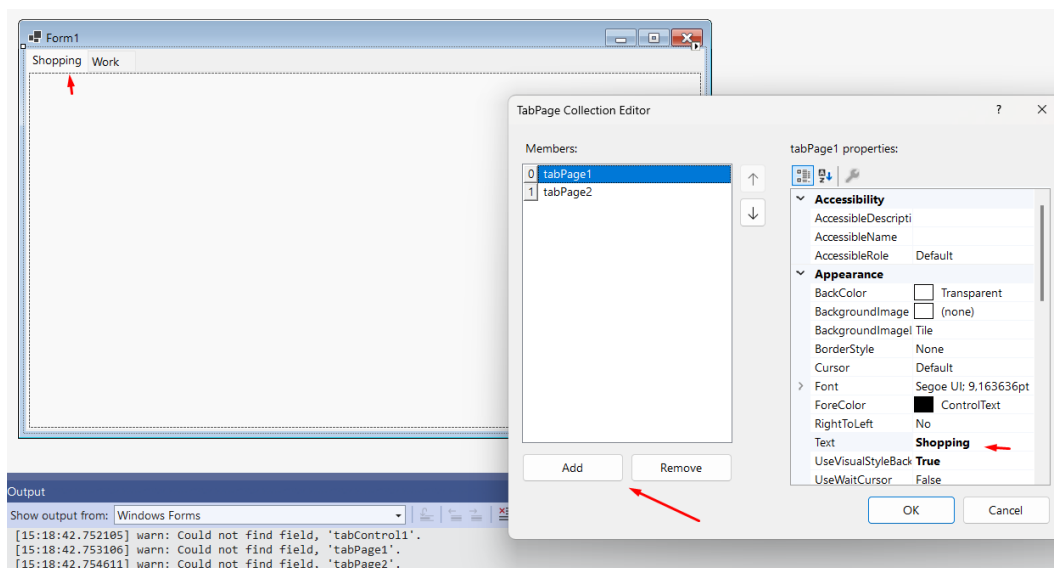
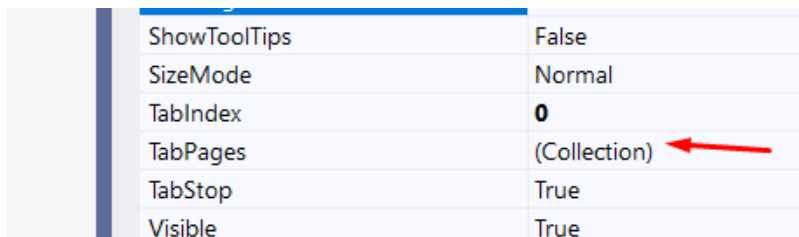




GenerateMember	True
Locked	False
Modifiers	Private
Focus	
CausesValidation	True
Layout	
Anchor	Top, Left
Dock	None
Location	193; 128
Margin	3; 3; 3; 3
MaximumSize	0; 0
MinimumSize	0; 0
Size	229; 115
Add Tab ; Remove Tab	



Then we change the text in the tabs in the TabPages option



Plus we add a new tab

In the shopping tabs we add some controls

The image displays two screenshots of a Windows Forms application, illustrating the process of adding controls to the 'Shopping' tab.

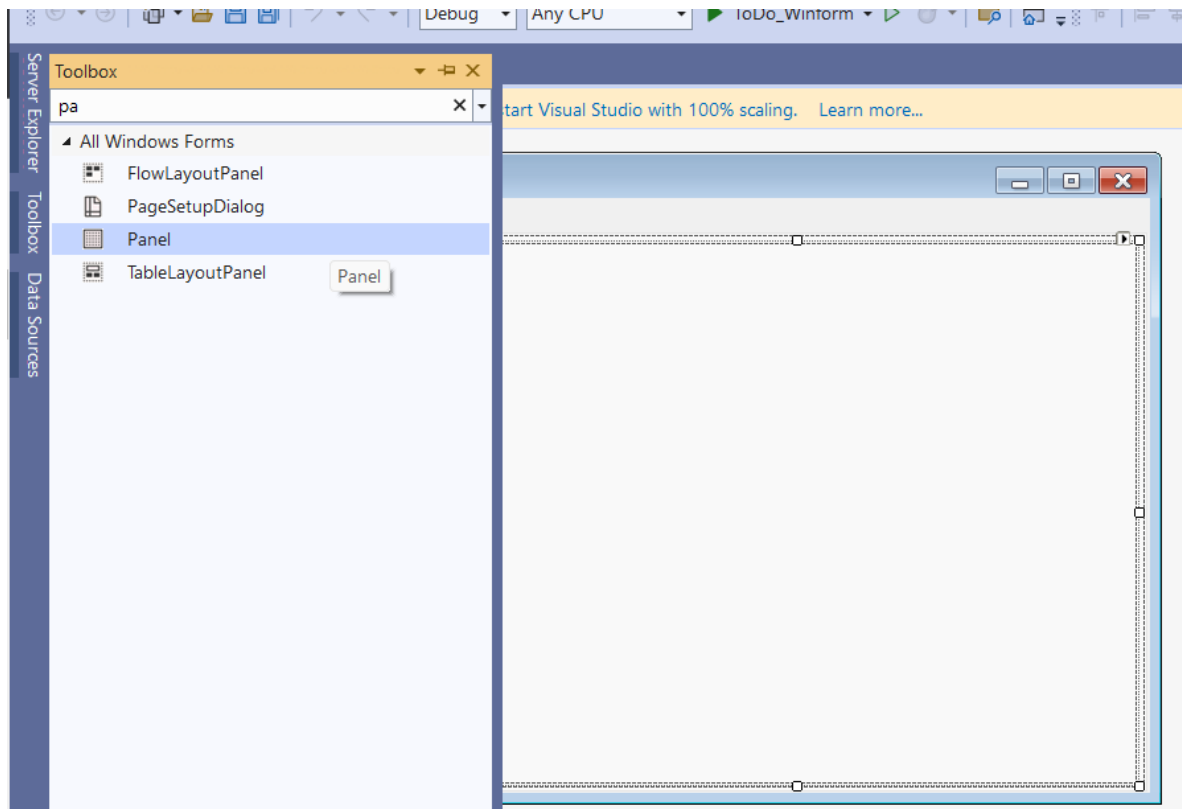
Top Screenshot: Shows the 'Shopping' tab selected. Three controls are being added, each highlighted with a red rectangle and labeled in red text:

- Input text:** A text input field.
- Inut quantity:** A quantity input field (likely a numeric up/down control).
- button submit:** A submit button.

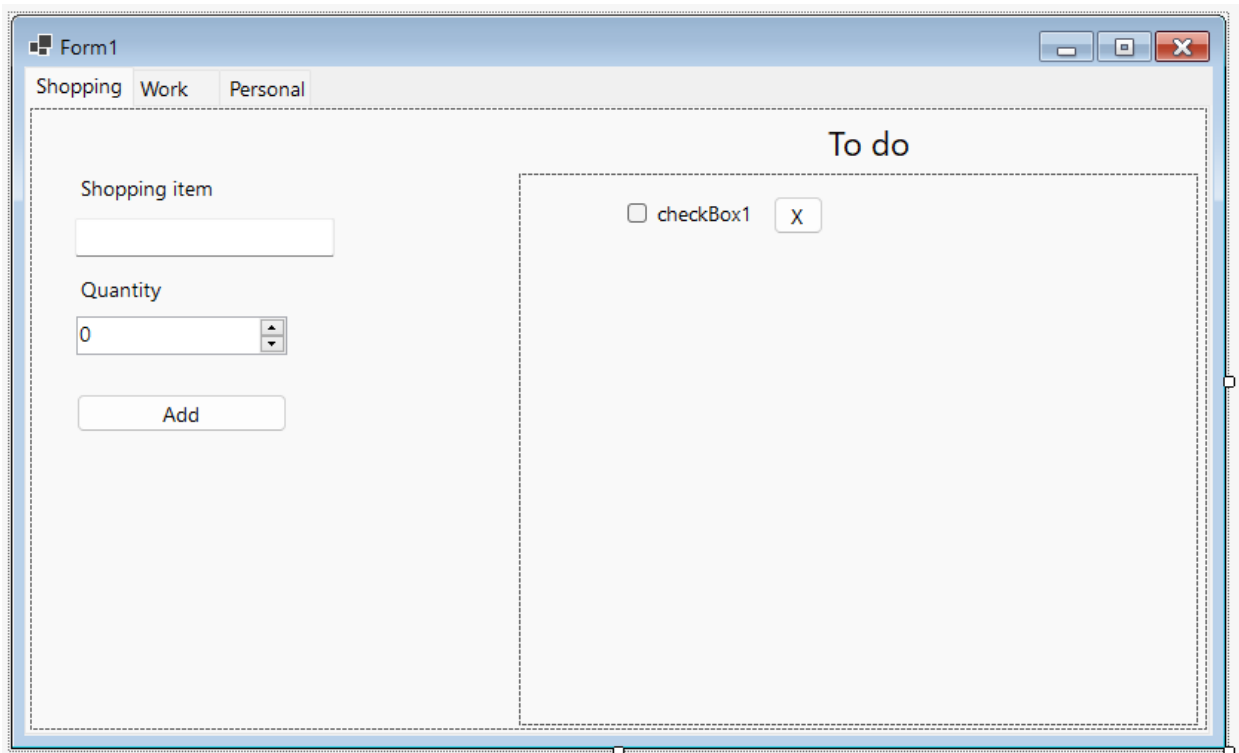
Bottom Screenshot: Shows the completed 'Shopping' tab. The controls are now integrated into the form layout:

- Shopping item:** A text input field.
- Quantity:** A numeric up/down control with the value '0' displayed.
- Add:** A button labeled 'Add'.

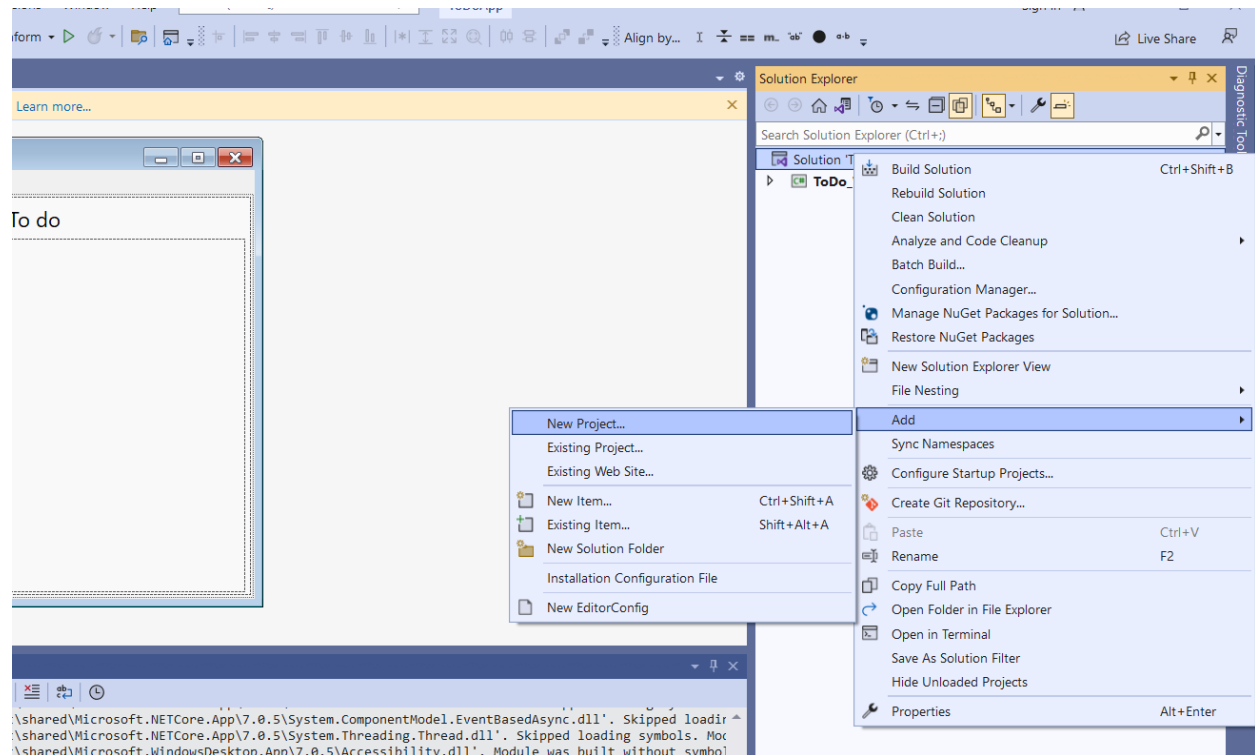
The next thing we do is add a panel on the right that we will use to insert some to dos



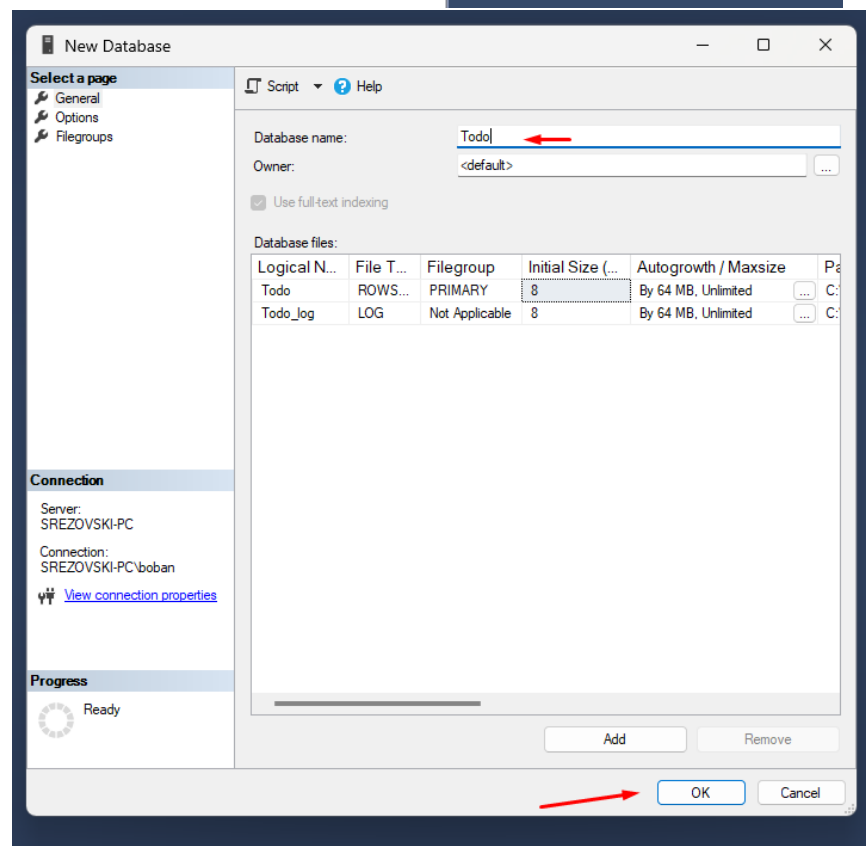
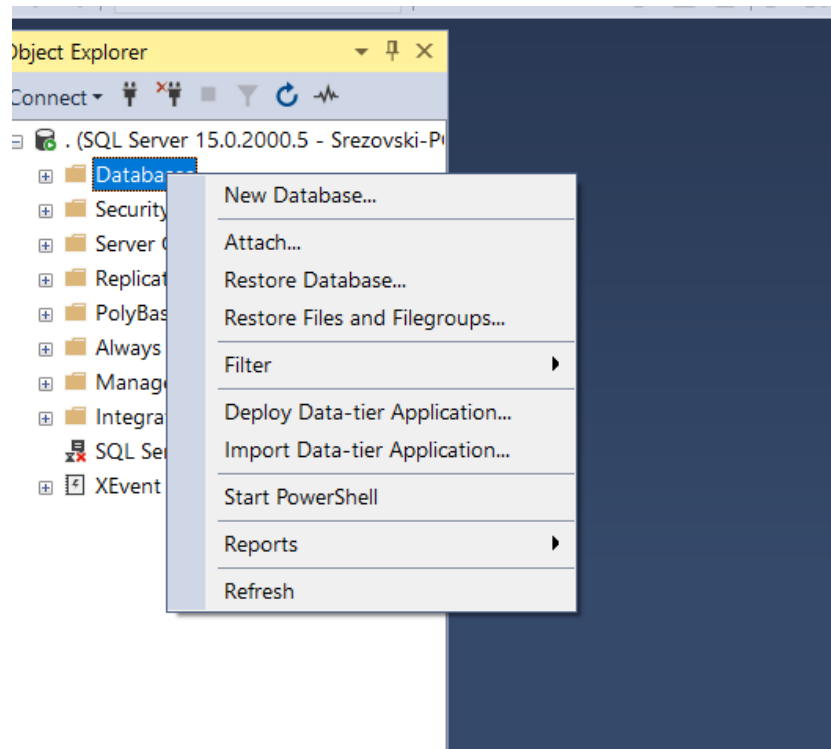
And add some controls inside to look like this



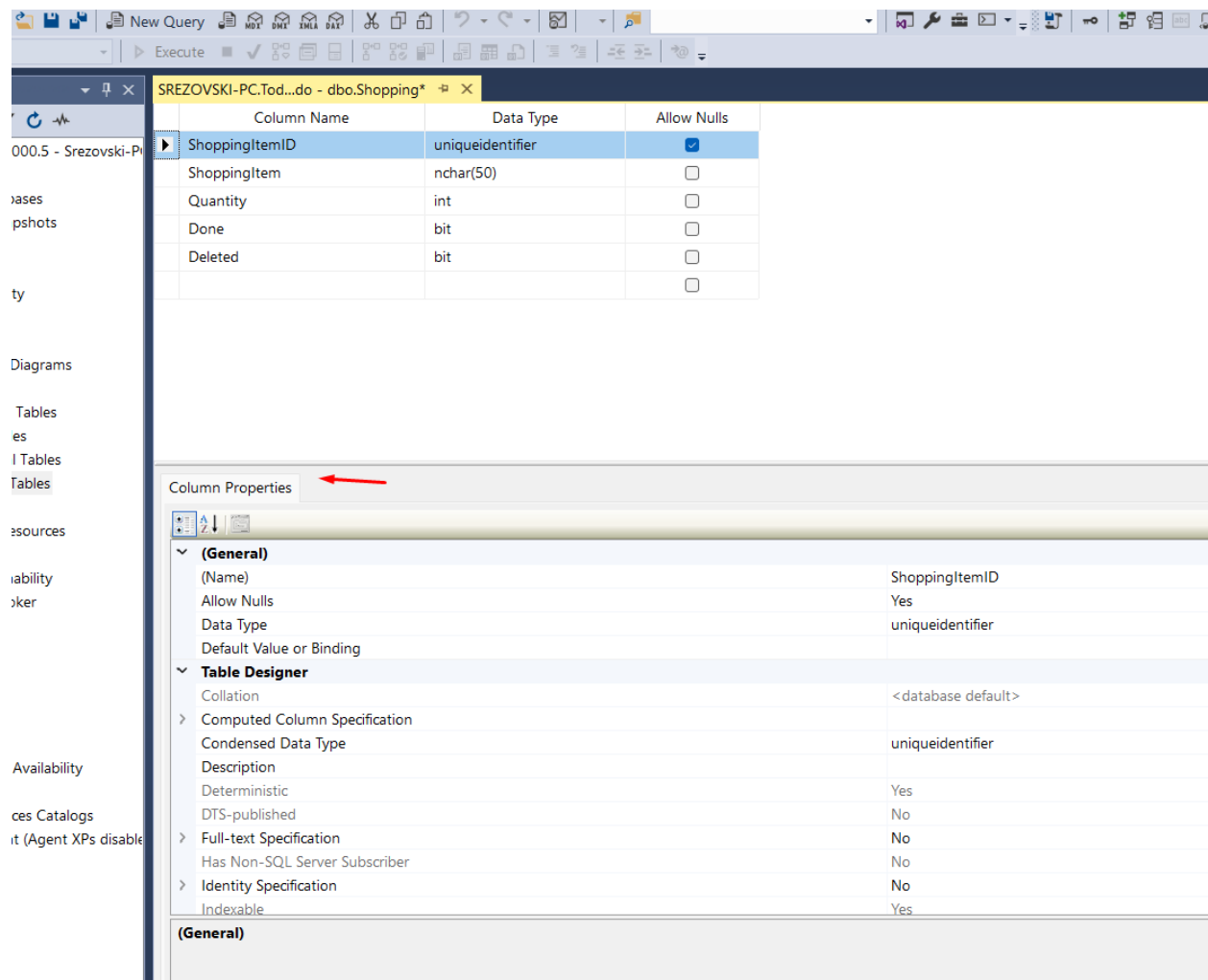
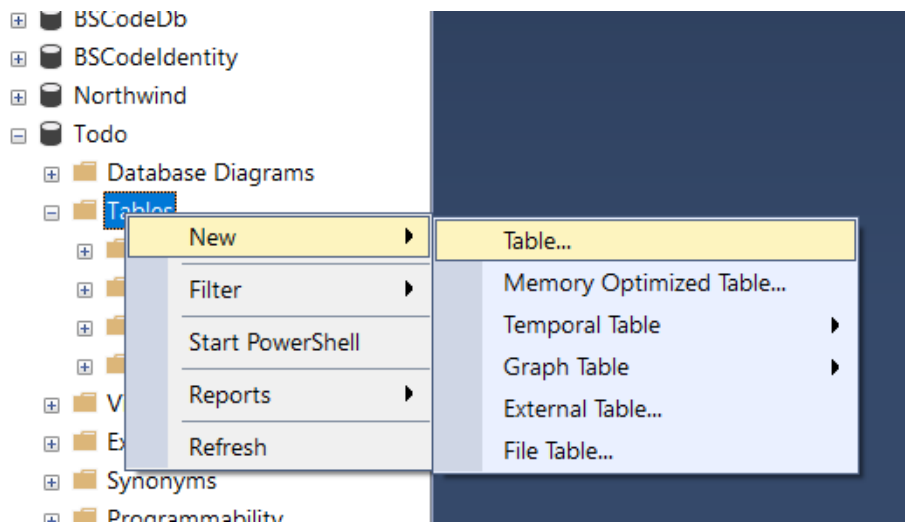
Now we create a class library for the db
Name: ToDo_Db

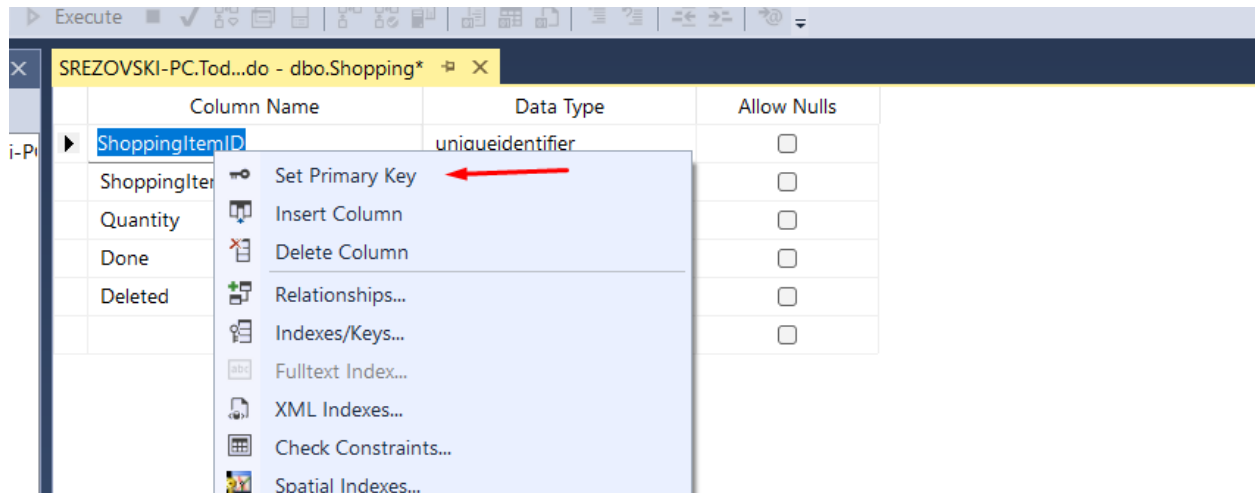


Now we need a db to use for scaffolding. Open SQL Server Menagment studio and add a new Database
Name: Todo

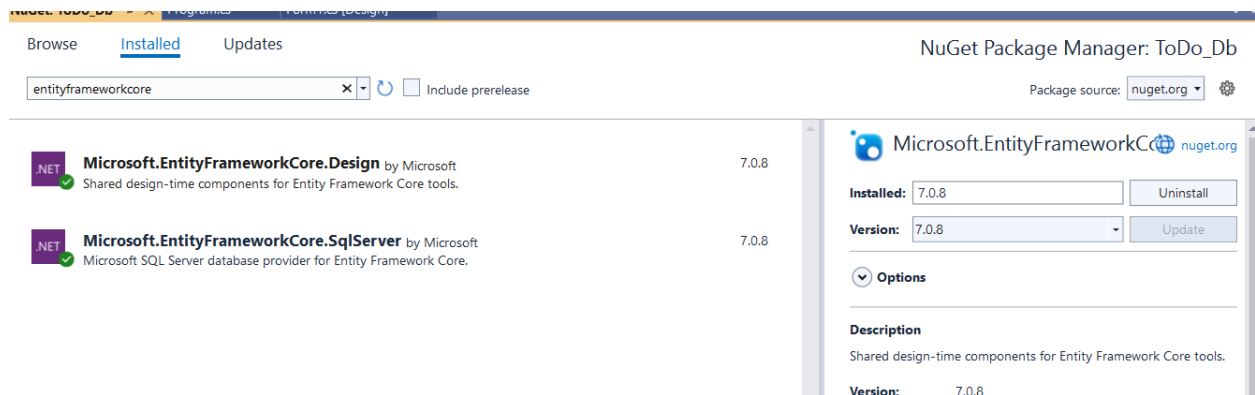


Next we add a table





Now we add entityframeworkcore nuget packages to the class lib



Then we open the class lib in the terminal and scaffold the database

The screenshot displays the Visual Studio interface with three main components:

- Package Manager Console:** Shows the search for `Microsoft.EntityFrameworkCore.Design` on `nuget.org`. The version `7.0.8` is selected. Buttons for `Uninstall` and `Update` are visible.
- Solution Explorer:** Shows the project structure for `ToDoApp` (2 of 2 projects). The `ToDo_Db` project is selected, and the `Open in Terminal` context menu item is highlighted.
- Developer PowerShell:** Shows the command to scaffold the database:

```
PS C:\Users\boban\OneDrive\CA-Classes\FN2\Repo\Csharp11DotNet7\ToDoApp\ToDo_Db> dotnet ef dbcontext scaffold "Data Source=.;Initial Catalog=ToDo;Integrated Security=true;TrustServerCertificate=True;" Microsoft.EntityFrameworkCore.SqlServer --output-dir Models --namespace Todo.Shared --data-annotations
```

