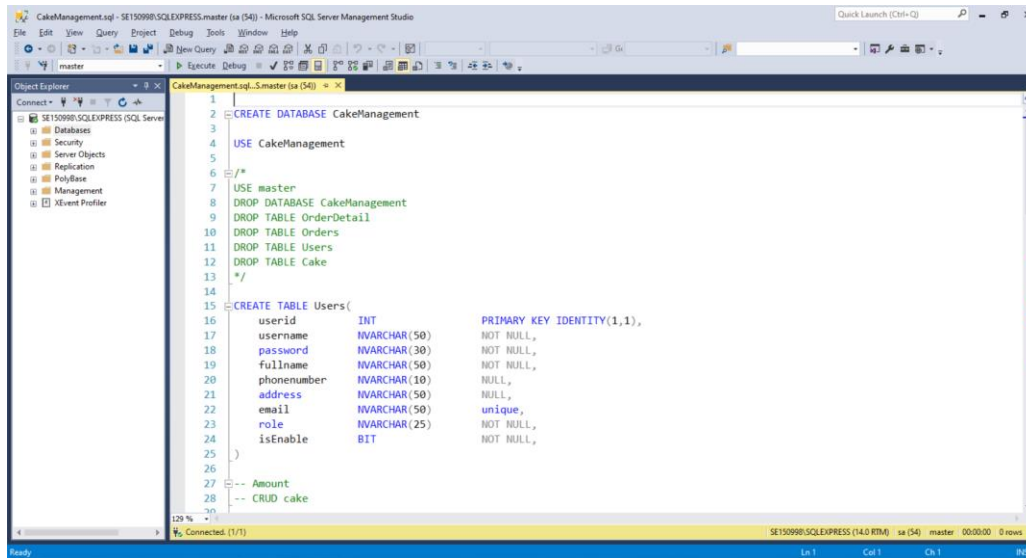


PREPARATION

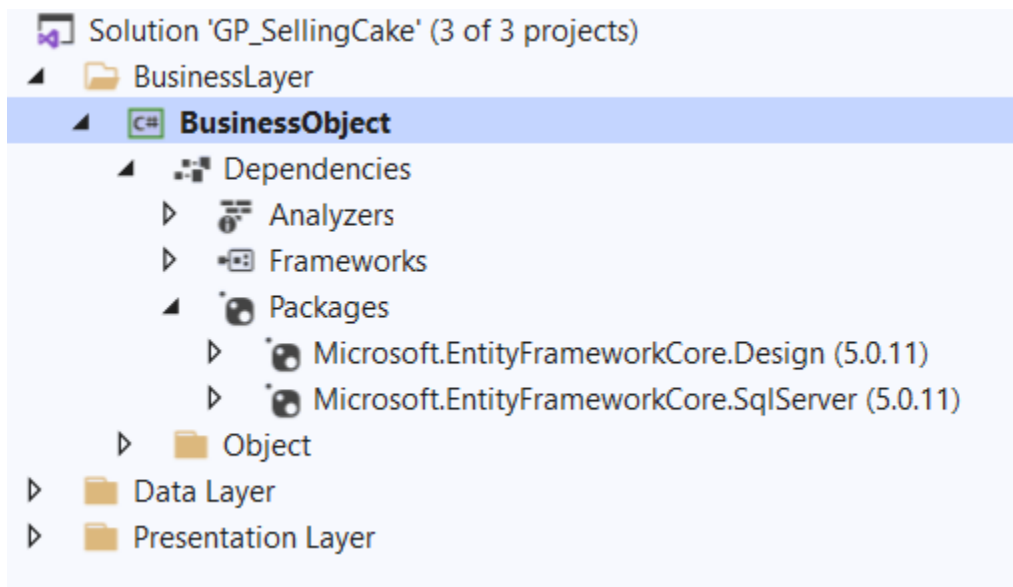
Hello, this is the preparation tutorial before running the Selling Cake's solution.

Step 1: Execute the CakeManagement.sql in Microsoft SQL Server (Don't worry, this is sql so you don't have to mind about version of Microsoft SQL Server)



Step 2: Check the 2 packages of BusinessObject

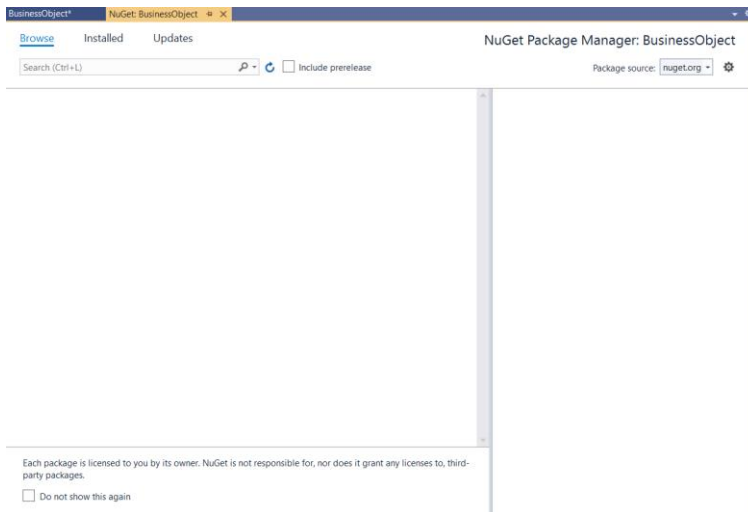
- Microsoft.EntityFrameworkCore.Design
- Microsoft.EntityFrameworkCore.Sql



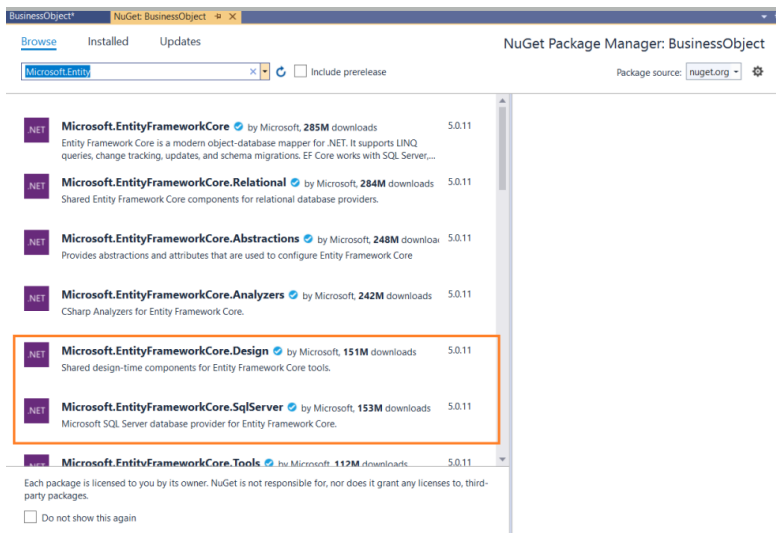
- Note: If the project BusinessObject doesn't have these, please follow as below steps:

Step 2.1: Click the BusinessObject

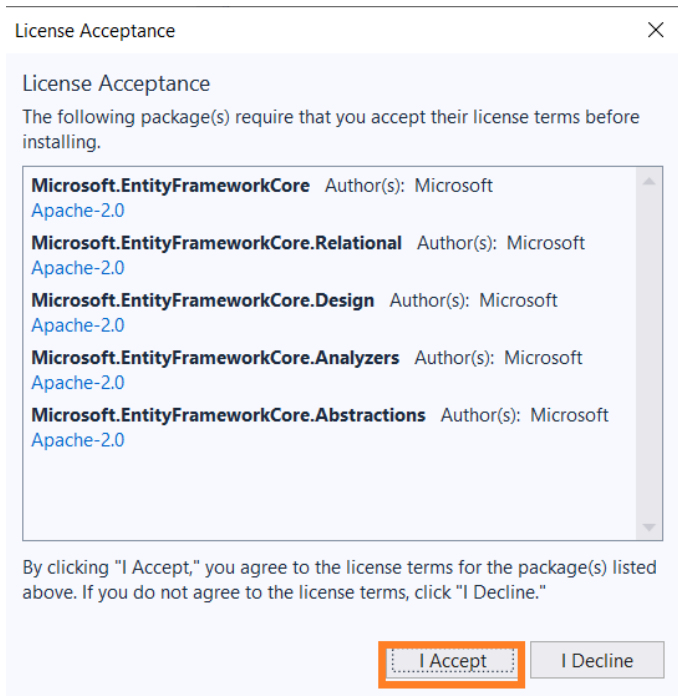
Step 2.2: Find Project | Manage NuGet Package... |



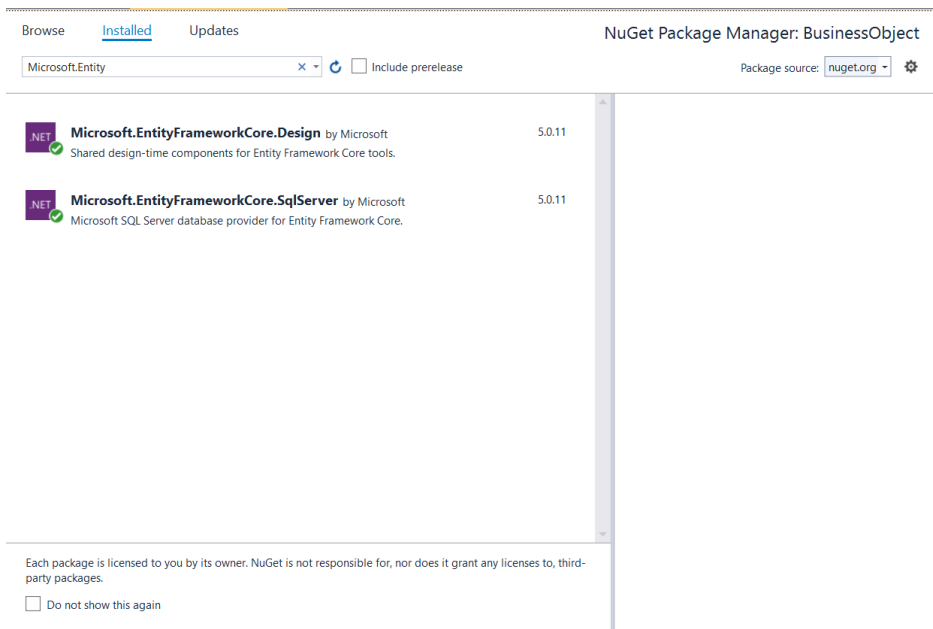
Step 2.3: Click Browser | Search “Microsoft.Entity” | Download Microsoft.EntityFrameworkCore.Design and Microsoft.EntityFrameworkCore.SqlServer



- **Note:** If the “License Acceptance” appears, clicks “I Accept”

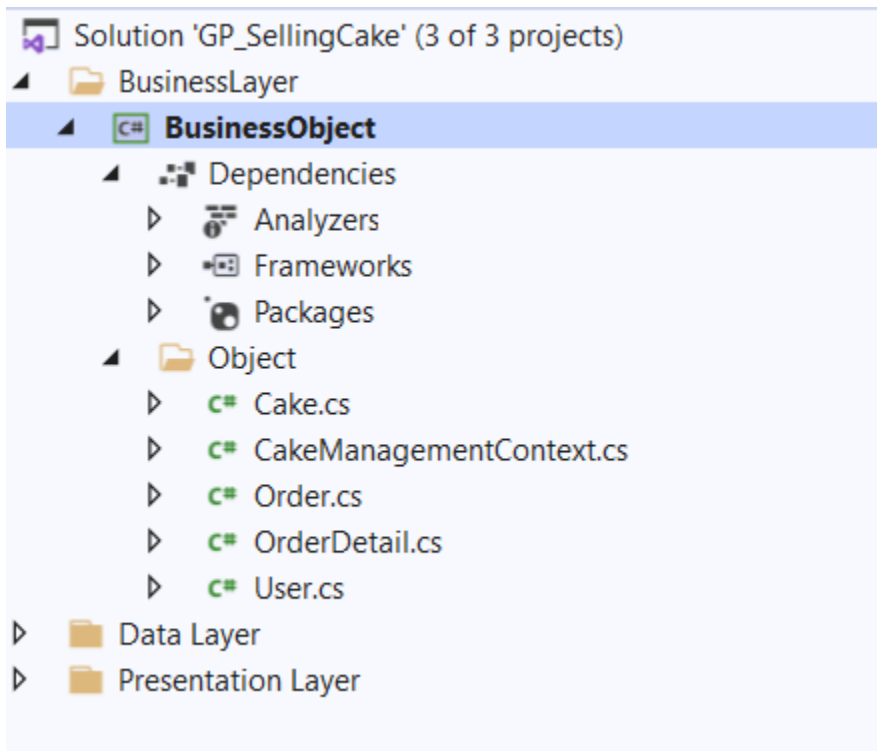


Step 2.4: Click “Installed” to check whether 2 packages are installed or not



Step 2.5: Click “Build” | “Build Solution”

Step 3: Check the Object of BusinessObject whether there are 4 classes or not



- **Note:** If Object doesn't have 4 classes, please follow as below steps:

Step 3.1: Click View | Terminal | Then type “./BusinessObject” in the first line of terminate to show as a second line

```
Developer PowerShell
+ Developer PowerShell | [Icons] | [Settings]
*****
** Visual Studio 2019 Developer PowerShell v16.11.2
** Copyright (c) 2021 Microsoft Corporation
*****
PS C:\Users\DELL\Downloads\GP_SellingCake-phuong> cd ./BusinessObject
PS C:\Users\DELL\Downloads\GP_SellingCake-phuong\BusinessObject>
```

Step 3.2: Type as below into a second line

```
dotnet ef dbcontext scaffold "Server=(local);uid=sa;pwd=123;database=CakeManagement"
Microsoft.EntityFrameworkCore.SqlServer --output-dir Object
```

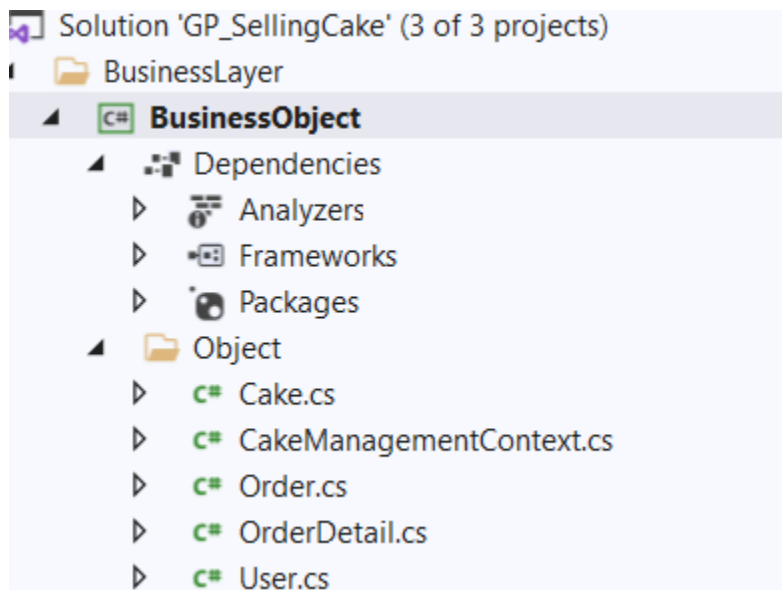
Then Enter

```
Developer PowerShell
+ Developer PowerShell
*****
** Visual Studio 2019 Developer PowerShell v16.11.2
** Copyright (c) 2021 Microsoft Corporation
*****
PS C:\Users\DELL\Downloads\GP_SellingCake-phuong> cd ../BusinessObject
PS C:\Users\DELL\Downloads\GP_SellingCake-phuong\BusinessObject> dotnet ef dbcontext scaffold "Server=(local);uid=sa;pwd=123;database=CakeManagement" Microsoft.EntityFrameworkCore.SqlServer --output-dir Object
```

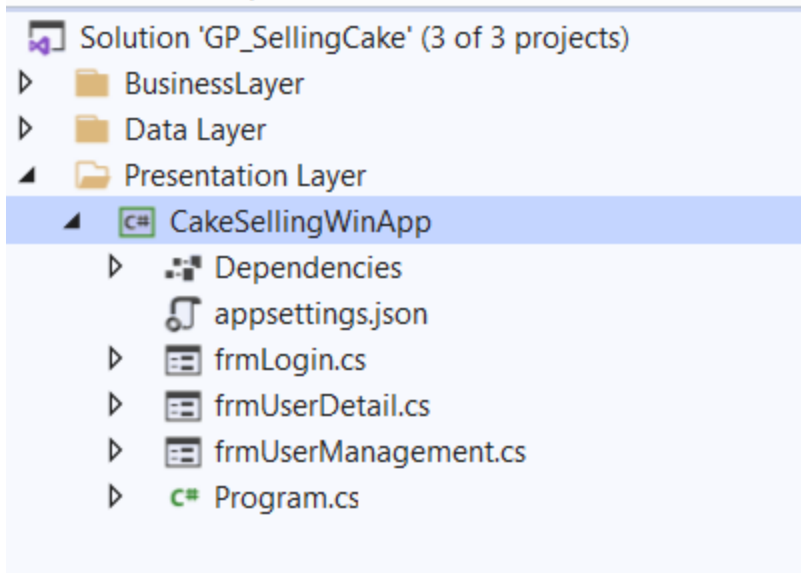
Step 3.3: After it announces the Build succeeded, check the Object

```
Developer PowerShell
+ Developer PowerShell
*****
** Visual Studio 2019 Developer PowerShell v16.11.2
** Copyright (c) 2021 Microsoft Corporation
*****
PS C:\Users\DELL\Downloads\GP_SellingCake-phuong> cd ../BusinessObject
PS C:\Users\DELL\Downloads\GP_SellingCake-phuong\BusinessObject> dotnet ef dbcontext scaffold "Server=(local);uid=sa;pwd=123;database=CakeManagement" Microsoft.EntityFrameworkCore.SqlServer --output-dir Object
Build started...
Build succeeded.
The Entity Framework tools version '5.0.10' is older than that of the runtime '5.0.11'. Update the tools for the latest features and bug fixes.
To protect potentially sensitive information in your connection string, you should move it out of source code. You can avoid scaffolding the connection string by using the Name= syntax to read it from configuration - see https://go.microsoft.com/fwlink/?linkid=2131148. For more guidance on storing connection strings, see http://go.microsoft.com/fwlink/?LinkId=723263.
```

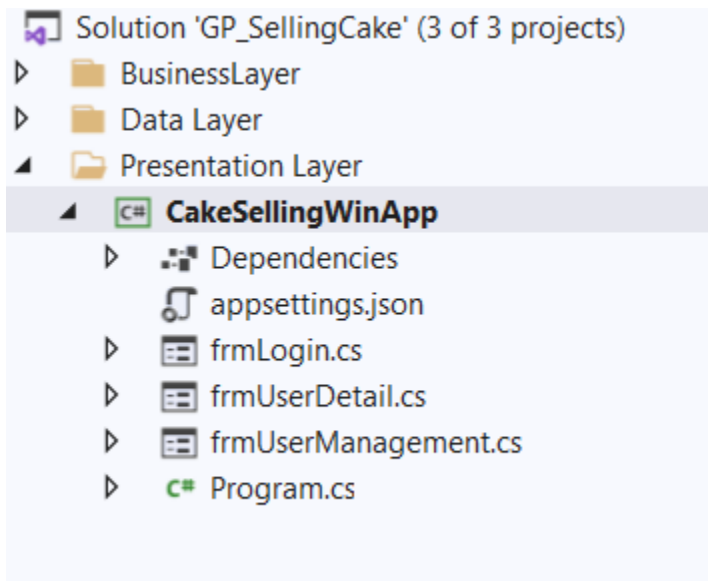
- Check the result



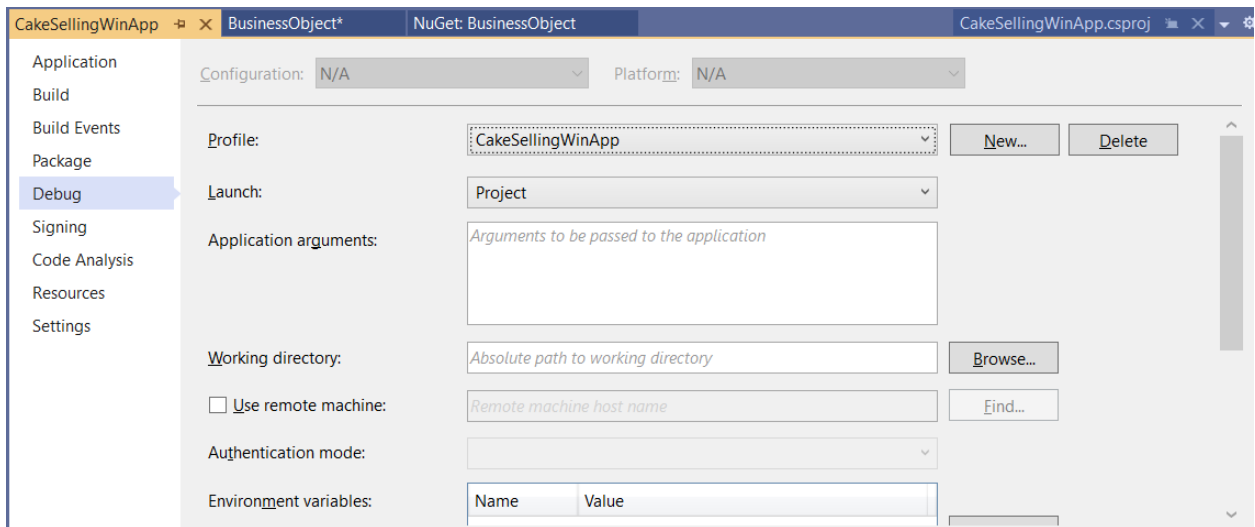
Step 4.1: To run the solution, click “CakeSellingWinApp” in Presentation Layer



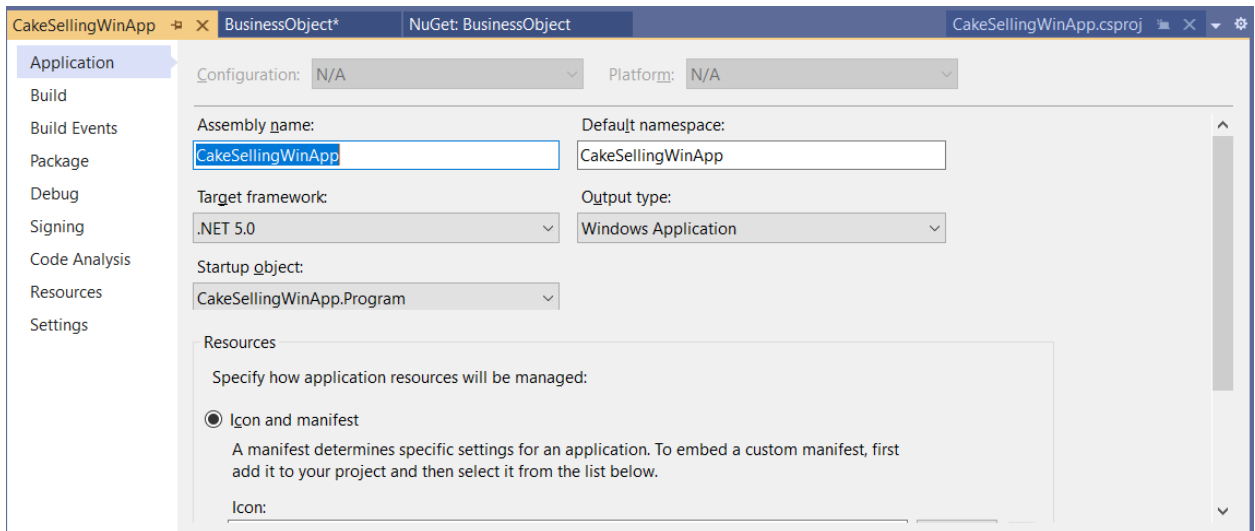
Step 4.2: Click Project | Set as Startup Project



Step 4.3: Click Debug | CakeSellingWinApp Debug Properties



Step 4.4: Click “Application” | Choose “CakeSellingWinApp.Progarm” in Startup Object



Step 4.5: Ctrl + S to save

Step 4.6: Click into CakeSellingWinApp to run

