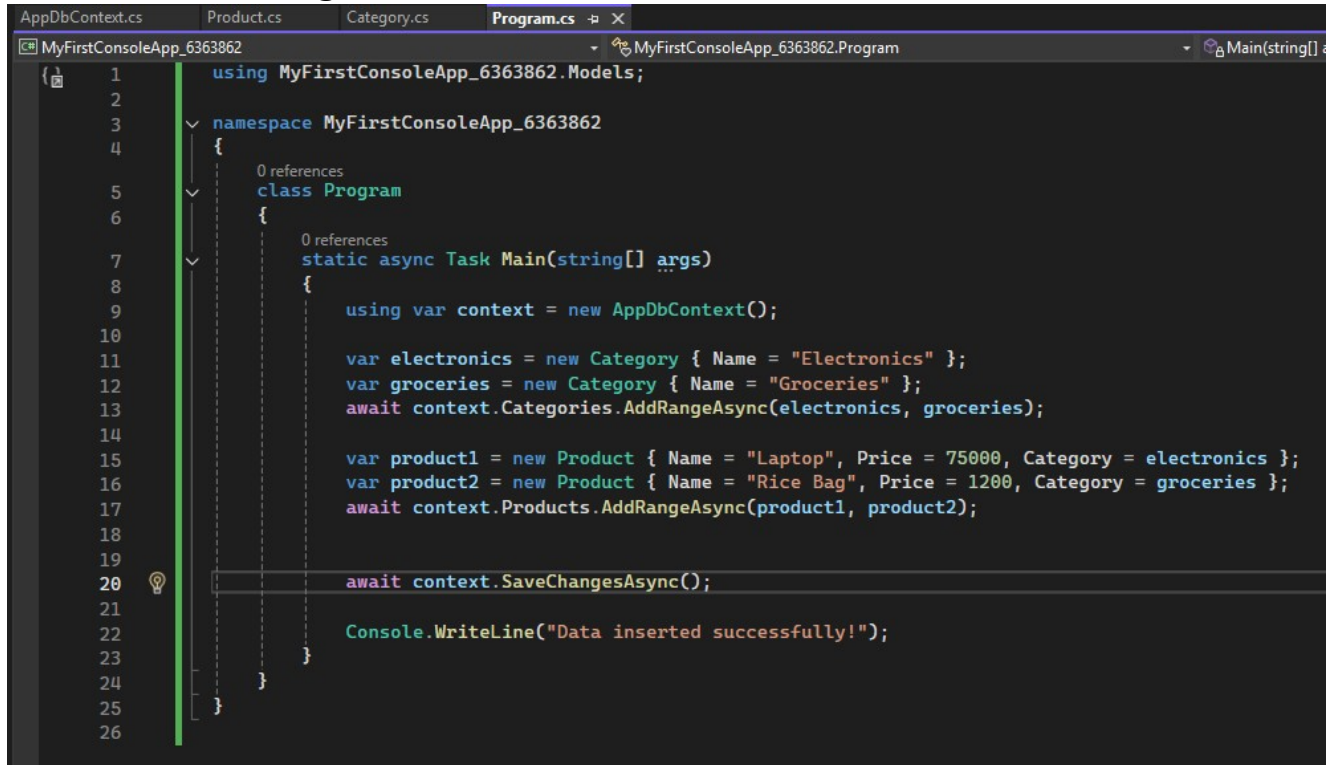# EF Core 8.0 Guided Hands-On Exercises
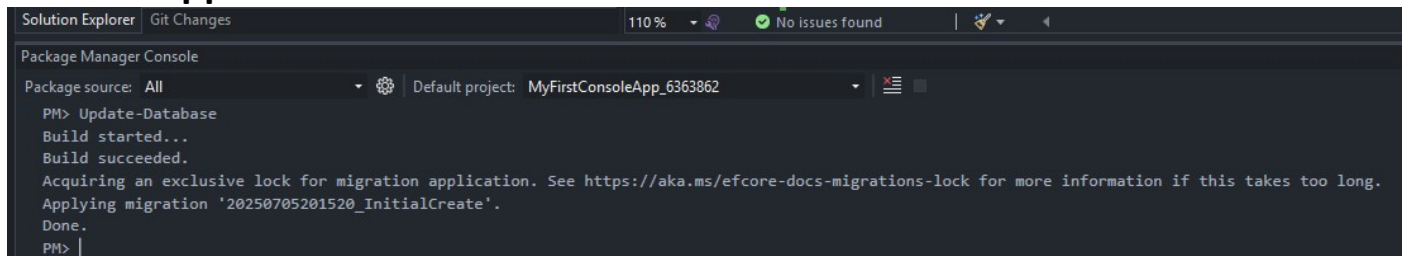
Lab 4: Inserting Initial Data into the Database

Insert Data in Program.cs:
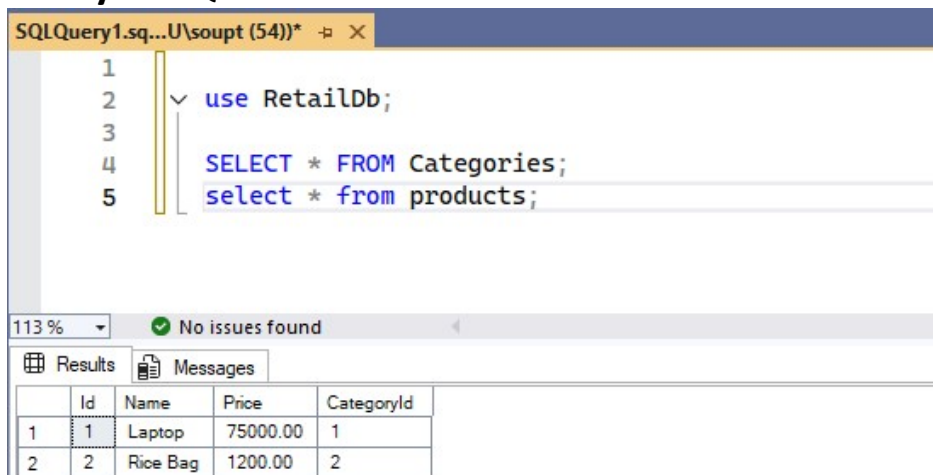
```csharp
using MyFirstConsoleApp_6363862.Models;

namespace MyFirstConsoleApp_6363862
{
    class Program
    {
        static async Task Main(string[] args)
        {
            using var context = new AppDbContext();

            var electronics = new Category { Name = "Electronics" };
            var groceries = new Category { Name = "Groceries" };
            await context.Categories.AddRangeAsync(electronics, groceries);

            var product1 = new Product { Name = "Laptop", Price = 75000, Category = electronics };
            var product2 = new Product { Name = "Rice Bag", Price = 1200, Category = groceries };
            await context.Products.AddRangeAsync(product1, product2);


            await context.SaveChangesAsync();

            Console.WriteLine("Data inserted successfully!");
        }
    }
}
```

Run the App:

```
PM> Update-Database
Build started...
Build succeeded.
Acquiring an exclusive lock for migration application. See https://aka.ms/efcore-docs-migrations-lock for more information if this takes too long.
Applying migration '20250705201520_InitialCreate'.
Done.
PM> |
```

Verify in SQL Server:

```sql
use RetailDb;

SELECT * FROM Categories;
select * from products;
```

	Id	Name	Price	CategoryId
1	1	Laptop	75000.00	1
2	2	Rice Bag	1200.00	2