Dot net core and entity framework

This is for code-first approach

1. Create a model class
2. Create a db context



1. Open a PMC (NuGet Package Manager Console) and type

add-migration CreateSchoolDB

1. If encounter below error



Need to ensure

Microsoft.EntityFrameworkCore.SqlServer

Microsoft.EntityFrameworkCore.Tools

Have been installed

1. Once execute the command successfully, you may find



1. After creating a migration, we still need to create the database using the update-database command in the Package Manager Console.

This will create the database with the name and location specified in the connection string in the UseSqlServer() method. It creates a table for each DbSet property (Students and Courses) as shown below.



1. This was the first migration to create a database. Now, whenever we add or update domain classes or configurations, we need to sync the database with the model using **add-migration** and **update-database** commands.