Follow Udemy <https://www.udemy.com/course/build-rest-apis-with-aspnet-core-web-api-entity-framework/learn/lecture/29933586#overview>

Database connection string for my system SSMS: **Server=localhost;Database=master;Trusted\_Connection=True;**

1. create solution .net core web api project using .net frame work 6

2.create model folder and in this create domain folder and in this create domain objects

3. Install two packedges

**INSTALL ENTITY FRAMEWORK CORE NUGET PACKAGES**

* Microsoft.Entityframeworkcore.SqlServer
* Microsoft.Entityframeworkcore.Tools

4. Create a folder Data and in this create file for dbcontext(NZwalksdbcontext)

5. create connection string in app setting.json file

6. Inject dbcontext(NZwalksdbcontext) in services collection for this go to progarm.cs file and inject db context (before builder)

7. Run migration script in packedge manager console

* Add-Migration
* Update-Database

8.Seed data in dababase

9. create new controller (select controller form add)

10. Create Regios repository

11.implement Repository class

12. In Repository class Create ctor in the class and fetch the database so use dbcontext which declear in program.cs like NZwalksDBcontext

13. Add interface and its implemenatation in service using dependency injection in program.cs file

14.Then implement in regions controller (now we can get data from database)

15. For getALL create DTO in Models (if some changes (client for current version api not hve to make changes its bad practice))

16.Install using automapper to map DTOs

17.In manage nuget packedes

* Automapper
* Automapper.Extensions.Microsoft.DependencyInjection

18. create profile for Mapper create folder profile and create class

19.Now inject in program.cs add after repositiry (by using this all profile will be map using assembly not do this again an d again)

20. now create a private filed in cotroller in mapper