

Introduction in .Net Core -> Lab 5 (Florin Olariu & Dan Nastasa)

Prerequisites:

- a) Basic knowledge Entity Framework Core
- b) Awareness Web API
- c) Awareness 3 tiers application design

Note: The exercise can be used to learn:

- Entity Framework Core
- How Repository Pattern works
- Basic DI/IoC
- How the layers/tiers are interacting with each other(a discussion should take place in regards with tiers/layers)
- What decoupling means

Exercise:

1. Using the knowledge accumulated during the course and the project structure from the Kata create a design for an Web API which allows us to make Car Management(Id, Name, IsElectric) and exposes the following operations :
 - a. AddCar
 - b. EditCar
 - c. DeleteCar
 - d. GetAllCars
 - e. GetCarById
 - f. GetElectricCars

Note:

1. Use the basic DDD when designing classes.
2. Make use of correct encapsulation