**Repository Pattern**

1)Create web api & name as any name(RepositoryTest)

2)Create new folder give name as Models new project & select class library as new project & give as entities.Give properties in the entities.

install nugget 4 package in entities folder.

3)Create new class in entities give Dbcontext in it.give table name and give this line

protected override void OnConfiguring(DbContextOptionsBuilder optionsBuilder)

=> optionsBuilder.UseSqlServer("Data Source=.;Initial Catalog=RepositoryDB;Integrated Security=True;TrustServerCertificate=True;");

& give builder.Services.AddDbContext in program.cs(RepositoryTest)

builder.Services.AddDbContext<ProductContext>(optionsAction: options => options.UseSqlServer(builder.Configuration.GetConnectionString("")));

4)Add-migration anyname & update-database

5)Create another project & select class library as new project & give as contract in it create new interface create crud method & give any name(IproductRepos) .after implement method for crud opertion.Right on the project Give Add references and click on entities

6)Create another project give name as Respositories.Create a new class give any name(ProductRepos)& inherit the (IproductRepos). Give Add references and click on entities & contract.implement all the methods here.

7)Add controllers in (RepositoryTest)