**WEEK – 3 Assignments**

**Entity Framework Core 8. 0**

**Mandatory hands-on :-**

**Lab 2: Setting Up the Database Context for a Retail Store**

**Scenario:**

The retail store wants to store product and category data in SQL Server.

**Objective:**

Configure DbContext and connect to SQL Server

**1. Create Models :**

[**Category.cs**](http://category.cs) **:**

| **public class Category {  public int Id { get; set; }  public string Name { get; set; }  public List<Product> Products { get; set; } = new(); }** |
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[**Product.cs**](http://product.cs) **:**

| public class Product {  public int Id { get; set; }  public string Name { get; set; }  public decimal Price { get; set; }  public int CategoryId { get; set; }  public Category Category { get; set; } } |
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**2. Create AppDbContext:**

[**AppDbContext.cs**](http://appdbcontext.cs) **:**

| **using Microsoft.EntityFrameworkCore;  public class AppDbContext : DbContext {  public DbSet<Product> Products { get; set; }  public DbSet<Category> Categories { get; set; }   protected override void OnConfiguring(DbContextOptionsBuilder optionsBuilder)  {  optionsBuilder.UseSqlServer("Server=localhost;Database=RetailInventoryDb;Trusted\_Connection=True;TrustServerCertificate=True;");   } }** |
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