**Lab 2**

**Creating models folder**

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

namespace RetailInventory.Models

{

public class Category

{

public int Id { get; set; }

public required string Name { get; set; } *// required = must be set before saving*

public required List<Product> Products { get; set; }

}

}

* [**Product.cs**](http://product.cs)

namespace RetailInventory.Models

{

public class Product

{

public int Id { get; set; }

public required string Name { get; set; }

public decimal Price { get; set; }

public int CategoryId { get; set; }

public required Category Category { get; set; }

}

}

**Creating AppDbContext**

using Microsoft.EntityFrameworkCore;

using RetailInventory.Models;

namespace RetailInventory.Data

{

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,1433;Database=RetailInventoryDb;User Id=sa;Password=Your\_password123;Encrypt=False;TrustServerCertificate=True;"

);

}

}

}