EF Core 8.0 HOL

Lab 5: Retrieving Data from the Database

Program.cs

using System;

using System.Linq;

using System.Threading.Tasks;

using Microsoft.EntityFrameworkCore;

class Program

{

static async Task Main(string[] args)

{

using var context = new AppDbContext();

Console.WriteLine("Retrieving All Products:");

var products = await context.Products.ToListAsync();

foreach (var p in products)

Console.WriteLine($"{p.Name} - ₹{p.Price}");

Console.WriteLine("\nFind Product with ID = 1:");

var product = await context.Products.FindAsync(1);

Console.WriteLine(product != null ? $"Found: {product.Name}" : "Product not found");

Console.WriteLine("\nFirst Expensive Product (Price > ₹50000):");

var expensive = await context.Products.FirstOrDefaultAsync(p => p.Price > 50000);

Console.WriteLine(expensive != null ? $"Expensive: {expensive.Name}" : "No expensive product found");

}

}

**OUTPUT:**

