**Lab 5: Retrieving Data from the Database**

**Program.cs**

using System.Text;

using Microsoft.EntityFrameworkCore;

using RetailStoreLab2;

using RetailStoreLab2.Models;

using System.Globalization;

class Program

{

static async Task Main(string[] args)

{

Console.OutputEncoding = Encoding.UTF8;

var culture = new CultureInfo("en-IN");

using var context = new AppDbContext();

var products = await context.Products.Include(p => p.Category).ToListAsync();

Console.WriteLine("\nAll Products:");

foreach (var p in products)

{

Console.WriteLine($"{p.Name} - {p.Price.ToString("C", culture)} - Category: {p.Category.Name}");

}

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

Console.WriteLine($"\nFind by ID (1): {product?.Name}");

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

Console.WriteLine($"\nExpensive Product: {expensive?.Name}");

}

}

**lab5-output-terminal**

