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

**Scenario:**

The store wants to display product details on the dashboard.

**Objective:**

Use Find, FirstOrDefault, and ToListAsync to retrieve data.

**Steps:**

**1. Retrieve All Products:**

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

foreach (var p in products)

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

**2. Find by ID:**

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

Console.WriteLine($"Found: {product?.Name}");

**3. FirstOrDefault with Condition:**var expensive = await context.Products.FirstOrDefaultAsync(p => p.Price > 5000

0);

Console.WriteLine($"Expensive: {expensive?.Name}");

