🔨 Assignment 9 - Fetch data from API & display in Component

📝 Overview

In this assignment, you will build two components:

1️⃣ `ProductList` **Component** – Fetches product data from `https://fakestoreapi.com/products` and displays it in **Bootstrap cards**.
2️⃣ `RecipeList` **Component** – Fetches recipe data from `https://dummyjson.com/recipes` and displays it.

Both components should use **React Hooks (`useState` & `useEffect`)** to fetch data and update the UI dynamically.

📌 Problem 1: `ProductList` Component (Fetch & Display Products in Bootstrap Cards)

☑ Requirements

- Fetch **product data** from `https://fakestoreapi.com/products`.
- Display each product inside a **Bootstrap card**.
- Show product **title, image, price, and category**.

📝 Steps to Implement

1️⃣ Create a **state variable** to store products (`useState`).
2️⃣ Fetch product data using `fetch()` **inside** `useEffect` when the component mounts.
3️⃣ Use **Bootstrap cards** to display each product.

📌 Problem 2: `RecipeList` Component (Fetch & Display Recipes)

☑ Requirements

- Fetch **recipe data** from `https://dummyjson.com/recipes`.
- Display each recipe **title and ingredients list**.

📝 Steps to Implement

1️⃣ Create a **state variable** to store recipes (`useState`).
2️⃣ Fetch recipe data using `fetch()` **inside** `useEffect` when the component mounts.
3️⃣ Display the **recipe title and a list of ingredients**.