Objective

Build a simple e-commerce product listing page using the Fake Store API. The application should showcase your front-end skills and demonstrate a clean, user-friendly interface with the requirement to use a tool or framework of your choice .

Requirements

Fetch Data:
- Use the [Fake Store API](#) to fetch a list of products.
- Display the following information for each product:
  - Product Image
  - Title
  - Price
  - Rating

User Interface:

- Create a responsive layout using CSS Flex-box or Grid.
- Each product should be displayed in a card format with the image, title, price, and rating.
- Include a loading indicator while data is being fetched.
- Implement basic error handling to display a message if the data fetch fails.

Styling:

- Use CSS or a CSS framework (like Bootstrap or Tailwind) for styling.
- Ensure the design is mobile-friendly and visually appealing.

Deliverables

- Source code hosted on a platform like GitHub.
- A live demo link (e.g., on Vercel, Netlify, or similar).
- A brief README file explaining your approach, any challenges faced, and how to run the application locally.