Shopping Cart React Project

Project Summary

This project is a **Shopping Cart Web Application** built using **React.js**. It allows users to:

- View a list of products with images, names, and prices.
- Add products to the cart and automatically update the **total price**.
- Increase or decrease the quantity of items.
- Remove items from the cart.
- See a **live order summary** including subtotal, shipping, and final total.
- Add new products manually by entering name, price, and image URL through a form.

The UI design is inspired by **Amazon's shopping cart** with:

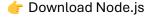
- Clean white product cards
- Orange price highlights
- Green "Free Shipping" label
- Yellow "Proceed to Buy" button
- A simple form to add new items

This project demonstrates **React state management** (useState), **dynamic rendering with map()**, and **modular component design with CSS styling**.

Steps to Create & Run This Project

1. Install Node.js

Make sure you have **Node.js & npm** installed.



Check installation:

node -v

npm -v

2. Create a React App

In your terminal, run:

npx create-react-app shopping-cart

cd shopping-cart

3. Create Components Folder

Inside the src/ folder, create a new folder named **components**.

4. Add Files

- Copy the **ShoppingCart.jsx** code into src/components/ShoppingCart.jsx
- Copy the **ShoppingCart.css** code into src/components/ShoppingCart.css

5. Update App.js

6. Run the Project

In your project folder, start the development server:

npm start

This will open the app in your default browser at: http://localhost:3000/

7. Features Implemented

- \checkmark Add, remove, and update item quantities
- ✓ Product images shown in cart
- ✓ User can add **custom products** with name, price & image
- \checkmark Real-time total calculation
- \checkmark Amazon-inspired UI with CSS styling