**Project Setup**

1. Run the following commands in your terminal:
2. nvm use 16
3. cd reactapp
4. npm install
5. npm start
6. The app should run on **PORT: 8081**

**Folder Structure**

reactapp/

│

├── src/

│ ├── components/

│ │ ├── header.jsx

│ │ ├── display.jsx

│ │ └── footer.jsx

│ │

│ ├── App.js

│ ├── App.css

│ └── index.js

│

└── package.json

**1. Header Component (header.jsx) — Functional**

**Purpose:** Displays the title and navigation menu.

import React from "react";

function Header() {

  return (

    <header>

      <h1>Neo Daily Quote App</h1>

      <nav>

        <ul style={{ listStyleType: "none", padding: 0 }}>

          <li>All Quotes</li>

          <li>Add Quote</li>

          <li>Favorite Quotes</li>

        </ul>

      </nav>

    </header>

  );

}

export default Header;

**2. Display Component (display.jsx) — Class-based**

**Purpose:** Shows a loading message and a placeholder image.

import React, { Component } from 'react';

class Display extends Component {

  render() {

    return (

      <div>

        <p>Quote Loading ...</p>

        <img src="placeholder.jpg" alt="Placeholder" />

      </div>

    );

  }

}

export default Display;

**3. Footer Component (footer.jsx) — Functional**

**Purpose:** Displays copyright.

import React from "react";

function Footer() {

  const year = new Date().getFullYear();

  return (

    <footer>

      <p>Copyright {year} Quote App. All rights reserved.</p>

    </footer>

  );

}

export default Footer;

**4. App Component (App.js) — Class-based**

**Purpose:** Orchestrates layout and renders Header, Display, and Footer.

import React, { Component } from "react";

import Header from "./components/header";

import Display from "./components/display";

import Footer from "./components/footer";

import "./App.css";

class App extends Component {

render() {

return (

<div className="app">

<Header />

<Display />

<Footer />

</div>

);

}

}

export default App;

**5. CSS Styling (App.css)**

You can add simple styling for consistent layout:

body {

margin: 0;

font-family: Arial, sans-serif;

background-color: #f4f4f9;

}

.app {

text-align: center;

padding: 20px;

}

.header {

background-color: #282c34;

color: white;

padding: 20px 0;

}

.nav-menu {

list-style-type: none;

display: flex;

justify-content: center;

gap: 30px;

padding: 0;

margin: 10px 0 0 0;

}

.display {

margin: 40px 0;

}

.footer {

background-color: #282c34;

color: white;

padding: 15px 0;

position: fixed;

bottom: 0;

width: 100%;

}

**Expected Output (Sample Layout)**

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Neo Daily Quote App

All Quotes | Add Quote | Favorite Quotes

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Quote Loading...

[Spinner Image]

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Copyright 2025 Quote App. All rights reserved.

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**Final Checks**

* Ensure you **use class-based components** for App and Display.
* Ensure **exact text** matches:
  + "Quote Loading..."
  + alt="Placeholder"
  + "Copyright {year} Quote App. All rights reserved."
* Confirm folder names and component names match exactly.

Would you like me to include a **compressed .zip project folder layout** (with all React files ready to run)? I can generate and share that next.