Exercise 4:

import React from "react";

class Post {

  constructor(id, title, body) {

    this.id = id;

    this.title = title;

    this.body = body;

  }

}

class Posts extends React.Component {

  constructor(props) {

    super(props);

    this.state = {

      posts: [],

      error: null

    };

  }

  loadPosts = () => {

    fetch("https://jsonplaceholder.typicode.com/posts")

      .then((response) => {

        if (!response.ok) throw new Error("Network response was not ok");

        return response.json();

      })

      .then((data) => this.setState({ posts: data }))

      .catch((err) => this.setState({ error: err }));

  };

  componentDidMount() {

    this.loadPosts();

  }

componentDidCatch(error, info) {

    alert(`An error occurred: ${error.message}`);

    this.setState({ error });

  }

  render() {

    const { posts, error } = this.state;

    if (error) {

      return <div style={{ color: "red" }}>Error: {error.message}</div>;

    }

    return (

      <div>

        <h1>Posts</h1>

        {posts.map((post) => (

          <div key={post.id} style={{ marginBottom: "1.5em" }}>

            <h2>{post.title}</h2>

            <p>{post.body}</p>

          </div>

        ))}

      </div>

    );

  }

}

export default Posts;

//App

import React from "react";

import Posts from "./compo/Post";

function App() {

  return (

    <div className="App">

      <Posts />

    </div>

  );

}

export default App;

A screenshot of a computer

AI-generated content may be incorrect.