// src/Post.js

import React from 'react';

class Post extends React.Component {

  render() {

    const { title, body } = this.props;

    return (

      <div className="post">

        <h3>{title}</h3>

        <p>{body}</p>

      </div>

    );

  }

}

export default Post;

import React from 'react';

import Post from './Post';

class Posts extends React.Component {

  constructor(props) {

    super(props);

    this.state = {

      posts: [],

      error: null

    };

  }

  // Step 6: loadPosts method

  loadPosts = async () => {

    try {

      const response = await fetch('https://jsonplaceholder.typicode.com/posts');

      const data = await response.json();

      this.setState({ posts: data });

    } catch (err) {

      this.setState({ error: 'Failed to load posts' });

    }

  };

  // Step 7: componentDidMount

  componentDidMount() {

    this.loadPosts();

  }

  // Step 9: componentDidCatch

  componentDidCatch(error, info) {

    alert("An error occurred in Posts component: " + error);

  }

  // Step 8: render method

  render() {

    const { posts, error } = this.state;

    if (error) {

      return <p style={{ color: 'red' }}>{error}</p>;

    }

    return (

      <div>

        <h2>Blog Posts</h2>

        {posts.length === 0 ? (

          <p>Loading posts...</p>

        ) : (

          posts.map((post) => (

            <Post key={post.id} title={post.title} body={post.body} />

          ))

        )}

      </div>

    );

  }

}

export default Posts;

import React from 'react';

import './App.css';

import Posts from './Posts';

function App() {

  return (

    <div className="App">

      <h1>Welcome to BlogApp</h1>

      <Posts />

    </div>

  );

}

export default App;

