# WEEK 6 REACT (4)

THE CODE:

Posts.js:

// src/Posts.js

import React, { Component } from 'react';

import Post from './Post';

class Posts extends Component {

  constructor(props) {

    super(props);

    this.state = {

      posts: [],

      error: null

    };

  }

  loadPosts = () => {

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

      .then(response => response.json())

      .then(data => {

        const postList = data.map(

          post => new Post(post.userId, post.id, post.title, post.body)

        );

        this.setState({ posts: postList });

      })

      .catch(error => {

        this.setState({ error });

      });

  };

  componentDidMount() {

    this.loadPosts();

  }

  componentDidCatch(error, info) {

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

  }

  render() {

    const { posts } = this.state;

    return (

      <div>

        <h1>Blog Posts</h1>

        {posts.length === 0 && <p>Loading posts...</p>}

        {posts.map(post => (

          <div key={post.id} style={{ marginBottom: '20px' }}>

            <h3>{post.title}</h3>

            <p>{post.body}</p>

          </div>

        ))}

      </div>

    );

  }

}

export default Posts;

Post.js:

// src/Post.js

class Post {

  constructor(userId, id, title, body) {

    this.id = id;

    this.title = title;

    this.body = body;

  }

}

export default Post;

App.js:

// src/App.js

import React from 'react';

import Posts from './Posts';

function App() {

  return (

    <div className="App">

      <Posts />

    </div>

  );

}

export default App;

The output:

