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**SUPERSET ID- 6363122**

**WEEK-6**

**REACT 4**

**Post.js**

import React from 'react';

class Post extends React.Component {

render() {

return (

<div style={{ marginBottom: '20px' }}>

<h3>{this.props.title}</h3>

<p>{this.props.body}</p>

</div>

);

}

}

export default Post;

**Posts.js**

import React from 'react';

import Post from './Post';

class Posts extends React.Component {

constructor(props) {

super(props);

this.state = {

posts: [],

hasError: false

};

}

loadPosts() {

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

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

.then(data => this.setState({ posts: data.slice(0, 5) })) // load only first 5 posts

.catch(error => {

console.error("Error fetching posts:", error);

this.setState({ hasError: true });

});

}

componentDidMount() {

this.loadPosts();

}

componentDidCatch(error, info) {

alert("An error occurred while loading posts.");

console.error("Error caught in componentDidCatch:", error, info);

}

render() {

if (this.state.hasError) {

return <h2 style={{ color: 'red' }}>Something went wrong.</h2>;

}

return (

<div>

<h2>Blog Posts</h2>

{this.state.posts.map(post => (

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

))}

</div>

);

}

}

export default Posts;

**App.js**

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;

**OUTPUT:**

