React EXERCISE 4

src/Posts.js

import React from 'react';

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 });

})

.catch(error => {

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

this.setState({ hasError: true });

});

}

componentDidMount() {

this.loadPosts();

}

componentDidCatch(error, info) {

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

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

this.setState({ hasError: true });

}

render() {

if (this.state.hasError) {

return <h3 style={{ color: 'red' }}>Something went wrong while loading posts.</h3>;

}

return (

<div>

<h2>Posts</h2>

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

<div key={post.id}>

<h3>{post.title}</h3>

<p>{post.body}</p>

</div>

))}

</div>

);

}

}

export default Posts;

src/App.js

import React from 'react';

import './App.css';

import Posts from './Posts';

function App() {

return (

<div className="App">

<Posts />

</div>

);

}

export default App;

OUTPUT:

