4.REACTJS-HOL

**Post.js**

import React from 'react';

function Post({ title, body }) {

return (

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

<h3>{title}</h3>

<p>{body}</p>

</div>

);

}

export default Post;

**Posts.js**

import React, { Component } from 'react';

import Post from './Post';

class Posts extends 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) {

alert("An error occurred: " + error.message);

this.setState({ hasError: true });

}

render() {

const { posts, hasError } = this.state;

if (hasError) {

return <p>Something went wrong while loading posts.</p>;

}

return (

<div>

<h2>Blog Posts</h2>

{posts.map((post) => (

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

))}

</div>

);

}

}

export default Posts;

**App.js**

// src/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;