**Ex 4 :**

**Post.js**

import React from 'react';

class Post extends React.Component {

render() {

return (

<div style={{ marginBottom: '1rem', padding: '1rem', border: '1px solid #ccc' }}>

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

<p>{this.props.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((err) => {

this.setState({ hasError: true });

console.error('Error loading posts:', err);

});

};

componentDidMount() {

this.loadPosts();

}

componentDidCatch(error, info) {

alert('Something went wrong: ' + error);

console.error('Error details:', info);

}

render() {

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 Posts from './Posts';

function App() {

return (

<div className="App" style={{ padding: '2rem' }}>

<h1>Welcome to BlogApp</h1>

<Posts />

</div>

);

}

export default App;

**Output :**

