Exercise - 5

# Steps and Code Implementation

## Post.js

import React from 'react';  
  
class Post extends React.Component {  
 render() {  
 return (  
 <div>  
 <h2>{this.props.title}</h2>  
 <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((res) => res.json())  
 .then((data) => this.setState({ posts: data.slice(0, 5) }))  
 .catch((err) => {  
 console.error('Fetch error:', err);  
 this.setState({ hasError: true });  
 });  
 }  
  
 componentDidMount() {  
 this.loadPosts();  
 }  
  
 componentDidCatch(error, info) {  
 alert('An error occurred in the Posts component: ' + error);  
 }  
  
 render() {  
 if (this.state.hasError) {  
 return <h1>Something went wrong while loading posts.</h1>;  
 }  
  
 return (  
 <div>  
 <h1>Posts</h1>  
 {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">  
 <Posts />  
 </div>  
 );  
}  
  
export default App;

# Output

