**Steps:**

1. Create a React project named “blogapp”. Type the following in command prompt.

npx create-react-app blogapp

1. Navigate into the project folder.

cd blogapp

1. Create Post.js (src/Post.js)

class Post {

constructor(userId, id, title, body) {

this.userId = userId;

this.id = id;

this.title = title;

this.body = body;

}

}

export default Post;

1. Create Posts.js Component (src/Posts.js)

import React, { Component } from 'react';

import Post from './Post';

class Posts extends Component {

constructor(props) {

super(props);

this.state = {

posts: [],

hasError: false

};

}

1. Define loadPosts() Method

loadPosts = () => {

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

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

.then(data => {

const postsList = data.map(

post => new Post(post.userId, post.id, post.title, post.body)

);

this.setState({ posts: postsList });

})

.catch(error => {

console.error("Fetch error:", error);

this.setState({ hasError: true });

});

};

1. Use componentDidMount() Hook

componentDidMount() {

this.loadPosts();

}

1. Use componentDidCatch() Hook

componentDidCatch(error, info) {

alert("An error occurred in the Posts component.");

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

}

1. Implement render() Method

render() {

if (this.state.hasError) {

return <h2>Something went wrong while loading posts.</h2>;

}

return (

<div>

<h1>Posts</h1>

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

<div key={post.id}>

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

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

<hr />

</div>

))}

</div>

);

}

}

export default Posts;

1. Update App.js (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;

1. Run the Application

npm start

**Output:**

