REACT:

4.React-HOL

Create a new react application using *create-react-app* tool with the name as “blogapp”

Code:

Post.js:

import React from 'react';

function Post({ title, body }) {

  return (

    <div style={{ border: '1px solid gray', margin: '10px', padding: '10px' }}>

      <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,

    };

  }

  componentDidMount() {

    this.loadPosts();

  }

  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 });

      });

  }

  componentDidCatch(error, info) {

    alert('An error occurred while rendering the component.');

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

  }

  render() {

    const { posts, hasError } = this.state;

    if (hasError) {

      return <h2>Something went wrong.</h2>;

    }

    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:

import React from 'react';

import './App.css';

import Posts from './Posts';

function App() {

  return (

    <div className="App">

      <h1>Welcome to Blog App</h1>

      <Posts />

    </div>

  );

}

export default App;

Output:





