**4. ReactJS-HOL**

**Post.js**

class Post {

    constructor(id,title,body)

    {

        this.id = id;

        this.title=title;

        this.body = body;

    }

}

export default Post;

**Posts.js**

import React, { Component } from 'react';

class Posts extends Component {

  constructor(props) {

    super(props);

    this.state = {

      posts: [],

      error: null,

    };

  }

  loadPosts = async () => {

    try {

      const response = await fetch('https://jsonplaceholder.typicode.com/posts');

      const data = await response.json();

      this.setState({ posts: data });

    } catch (err) {

      this.setState({ error: err.message });

    }

  };

  componentDidMount() {

    this.loadPosts();

  }

  render() {

    const { posts, error } = this.state;

    return (

      <div>

        <h2>Blog Posts</h2>

        {error && <p>Error: {error}</p>}

        {posts.map(post => (

      <div key={post.id}>

            <h3>{post.title}</h3>

            <p>{post.body}</p>

            <hr />

          </div>

        ))}

      </div>

    );

  }

}

export default Posts;

**App.js**

A screenshot of a computer program

Description automatically generated

Browser Output:

