**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 from "react";

import Post from "./Post.js"

class Posts extends React.Component{

    constructor(props) {

    super(props);

    this.state = {

      posts: [],

    };

  }

  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);

        alert('Failed to load posts');

      });

  };

  componentDidMount() {

    this.loadPosts();

  }

  componentDidCatch(error, info) {

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

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

  }

  render() {

    return (

      <div>

        <h1>Blog Posts</h1>

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

          <div key={post.id}>

            <h2>{post.title}</h2>

            <p>{post.body}</p>

          </div>

        ))}

      </div>

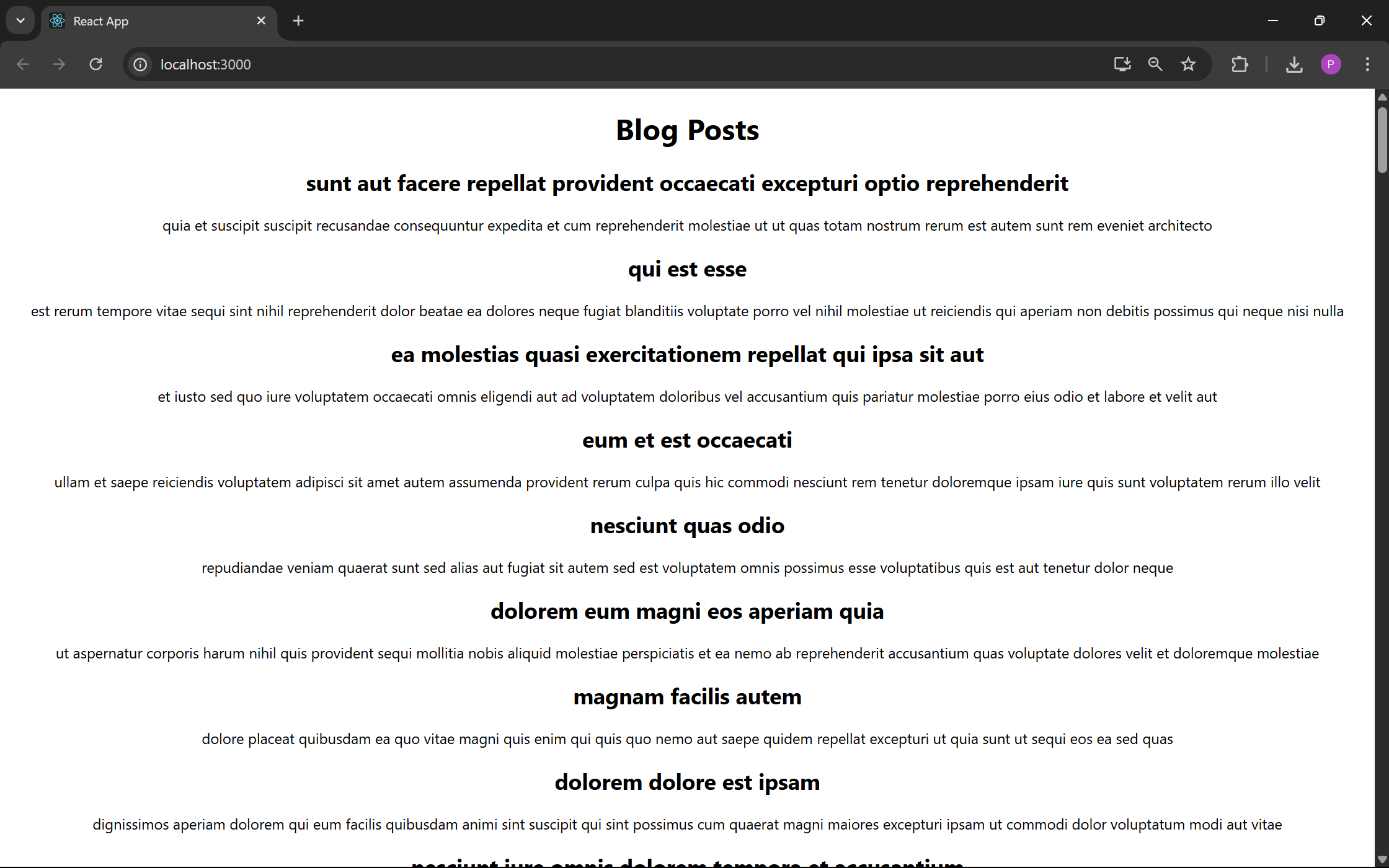
    );

  }

}

export default Posts;

**OUTPUT:**

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