**REACTJS-HOL  
Exercise:4**Create a new react application using *create-react-app* tool with the name as “blogapp”  
  
**Code:**

**App.js**import React from 'react';

import Posts from './Posts';

function App() {

  return (

    <div className="App">

      <Posts />

    </div>

  );

}

export default App;  
  
**Post.js**  
import React from 'react';

function Post(props) {

  return (

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

      <h2>{props.title}</h2>

      <p>{props.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 => {

        if (!response.ok) throw new Error("Failed to fetch posts");

        return response.json();

      })

      .then(data => {

        this.setState({ posts: data });

      })

      .catch(error => {

        console.error("Error loading posts:", error);

        this.setState({ hasError: true });

      });

  }

  componentDidCatch(error, info) {

    console.error("Error caught in componentDidCatch:", error);

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

  }

render() {

    if (this.state.hasError) {

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

    }

return (

      <div>

        <h1>Blog Posts</h1>

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

          <Post key={post.id} title={post.title} body={post.body} />

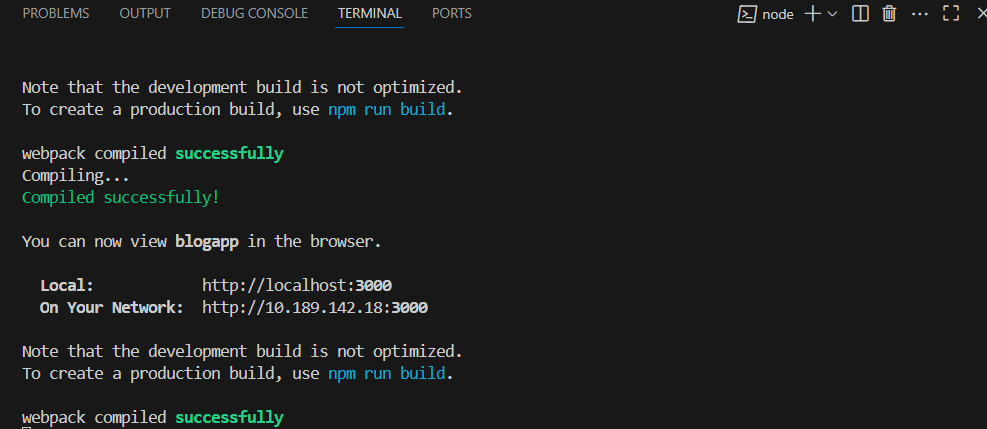
        ))}

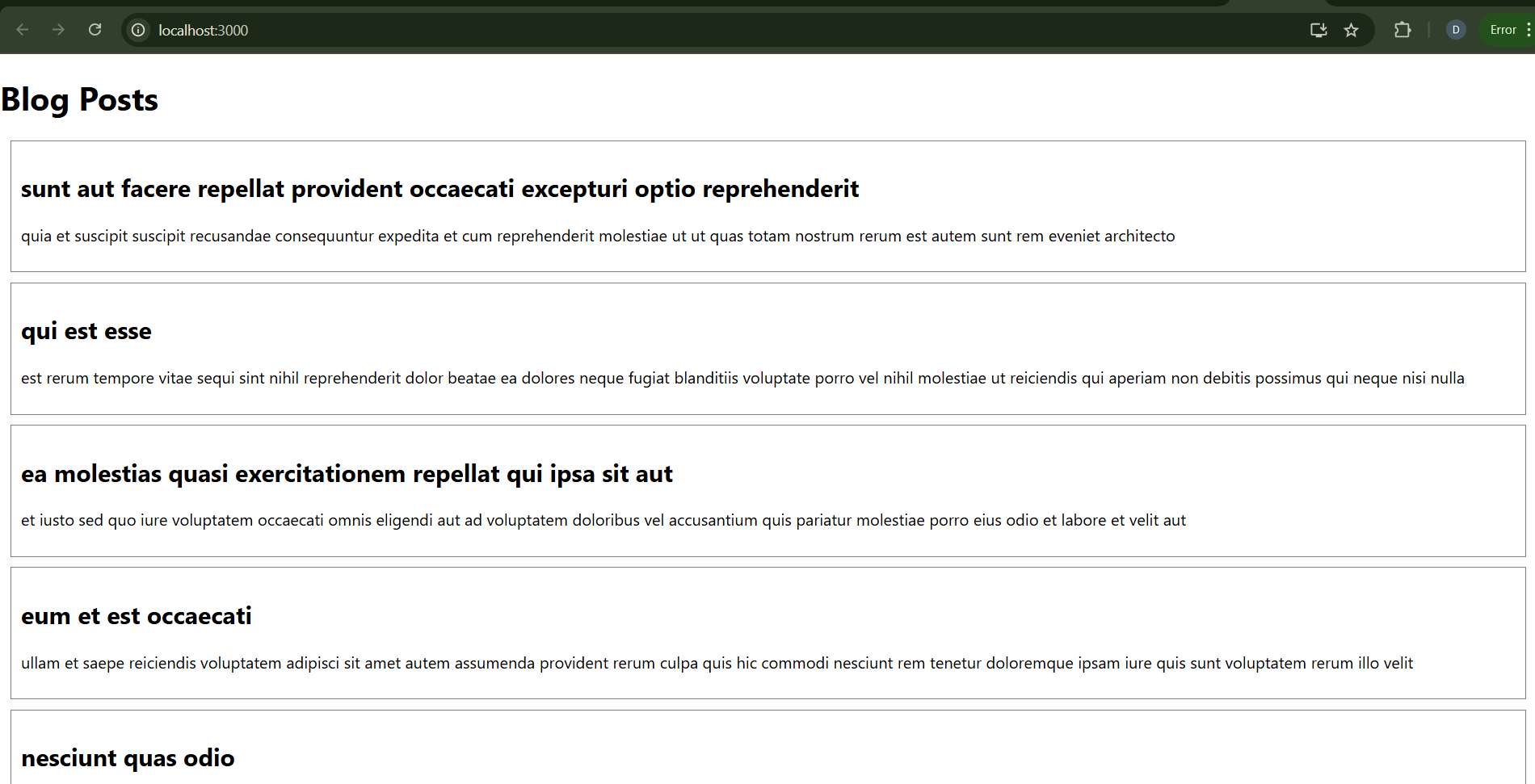
      </div>

    );

  }

}export default Posts;

**Output:  
**

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