**React Handson – 4**

**CODE:**

**App.js: -**

import Posts from './Posts';

function App() {

  return (

    <div className="App">

      <Posts/>

    </div>

  );

}

export default App;

**Post.js: -**

export default function Post(props) {

  return (

    <div style={{ marginBottom: "20px", padding: "10px", border: "1px solid #ccc" }}>

      <h2>{props.title}</h2>

      <p>{props.body}</p>

    </div>

  );

}

**Posts.js: -**

import { Component } from 'react';

import Post from './Post';

class Posts extends Component {

  constructor(props) {

    super(props);

    this.state = {

      posts: [],

      hasError: false

    };

  }

  loadPosts = () => {

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

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

      .then(data => this.setState({ posts: data }))

      .catch(error => {

        this.setState({ hasError: true });

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

      });

  };

  componentDidMount() {

    this.loadPosts();

  }

  componentDidCatch(error, info) {

    alert("An error occurred while rendering posts.");

    console.error("componentDidCatch:", error, info);

  }

  render() {

    return (

      <div>

        <h1>Blog Posts</h1>

        {this.state.posts.slice(0, 10).map(post => (

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

        ))}

      </div>

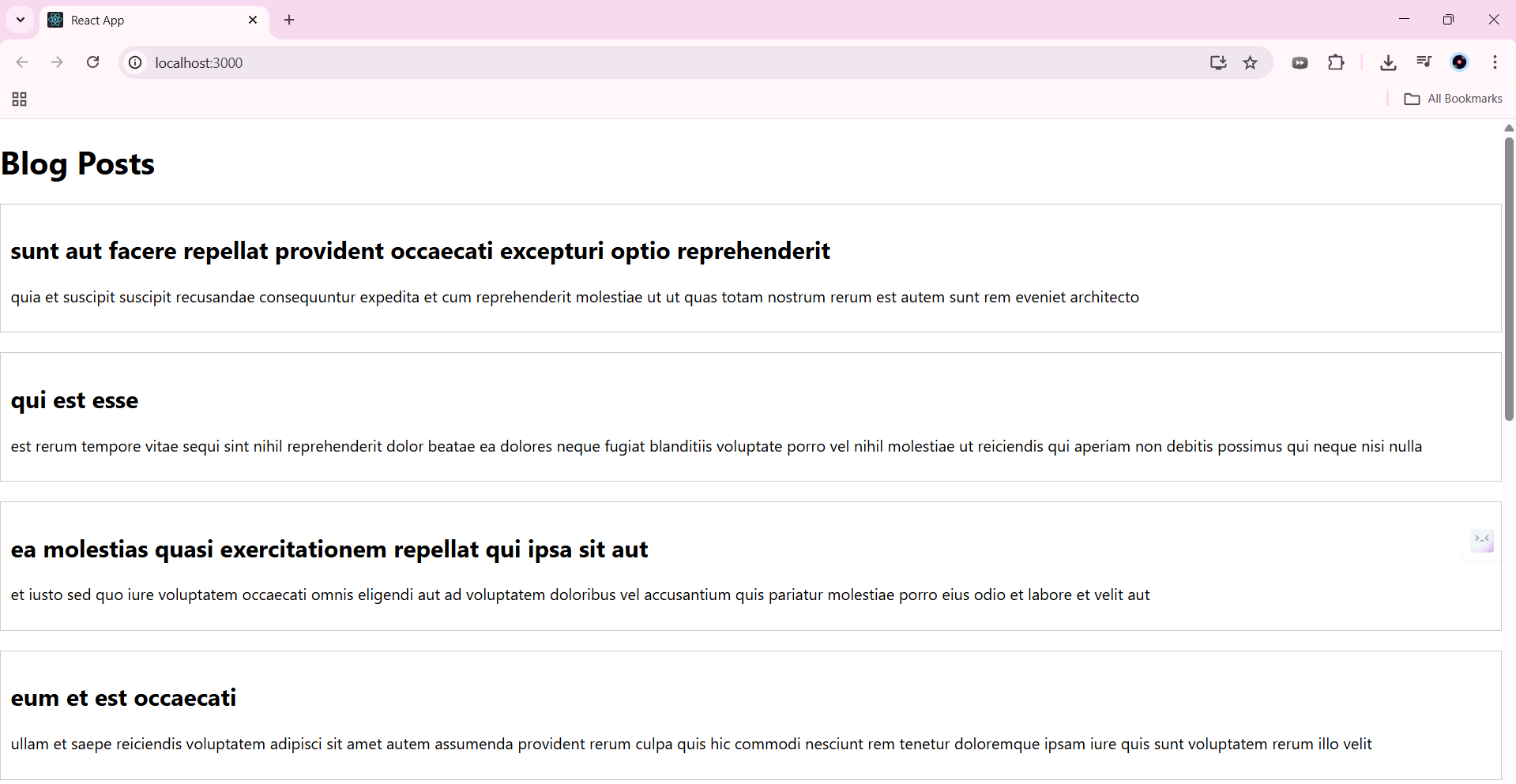
    );

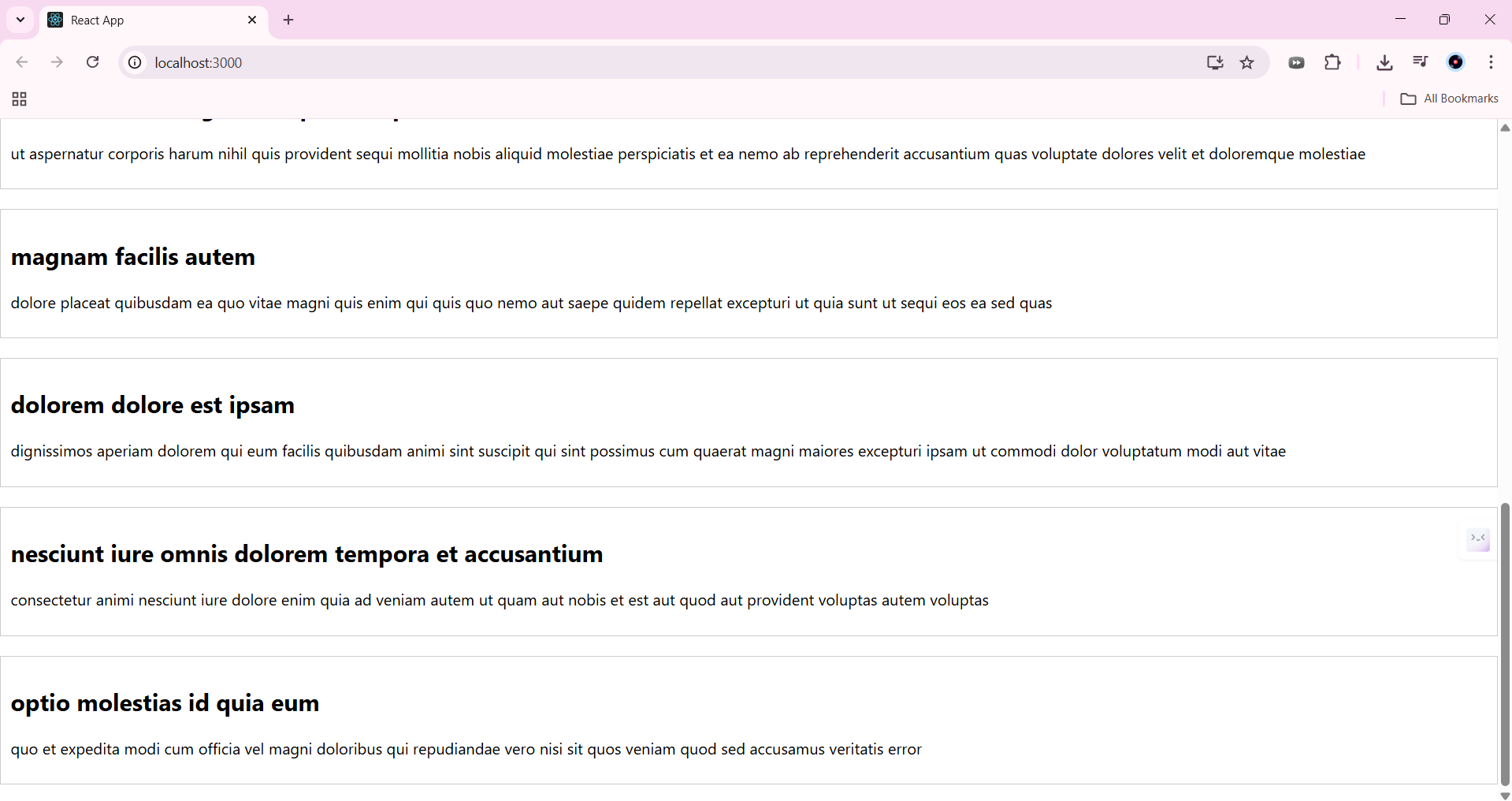
  }

}

export default Posts;

**OUTPUT:**

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