**SUPERSET ID: 6408269**

**TOPIC : REACT**

**EXERCISE :4. REACTJS-HOL**

In command prompt,

npx create-react-app blogapp

cd blogapp

code .

in visual studio code,

**Post.js**

import React from 'react';

class Post extends React.Component {

render() {

return (

<div className="post">

<h3>{this.props.title}</h3>

<p>{this.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

};

}

// Load posts from API

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 });

});

};

// Lifecycle hook

componentDidMount() {

this.loadPosts();

}

// Lifecycle hook to catch errors

componentDidCatch(error, info) {

console.log("Error occurred:", error);

alert("Something went wrong in the component.");

}

render() {

return (

<div>

<h2>Blog Posts</h2>

{this.state.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 the Blog App</h1>

<Posts />

</div>

);

}

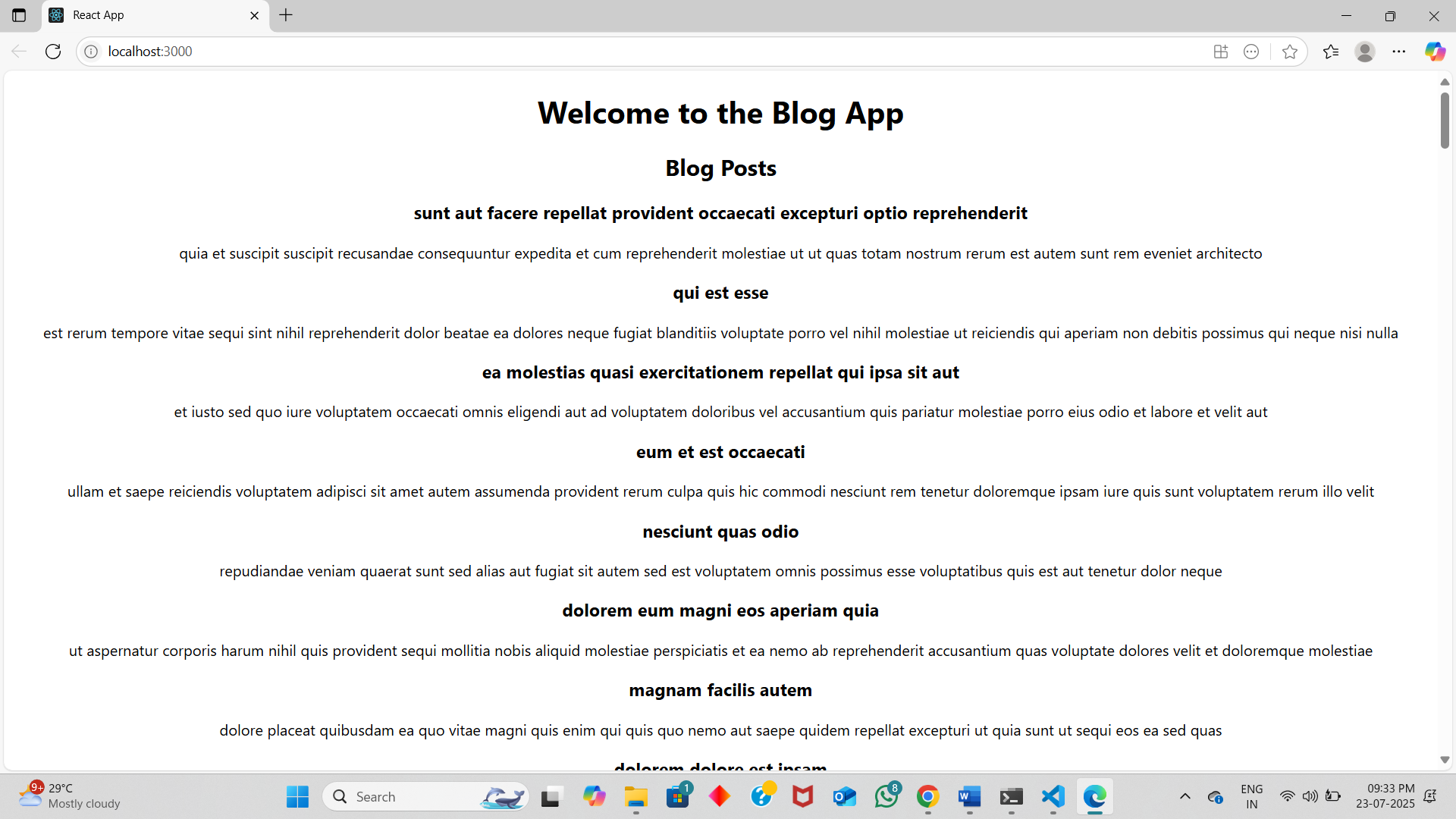
export default App;

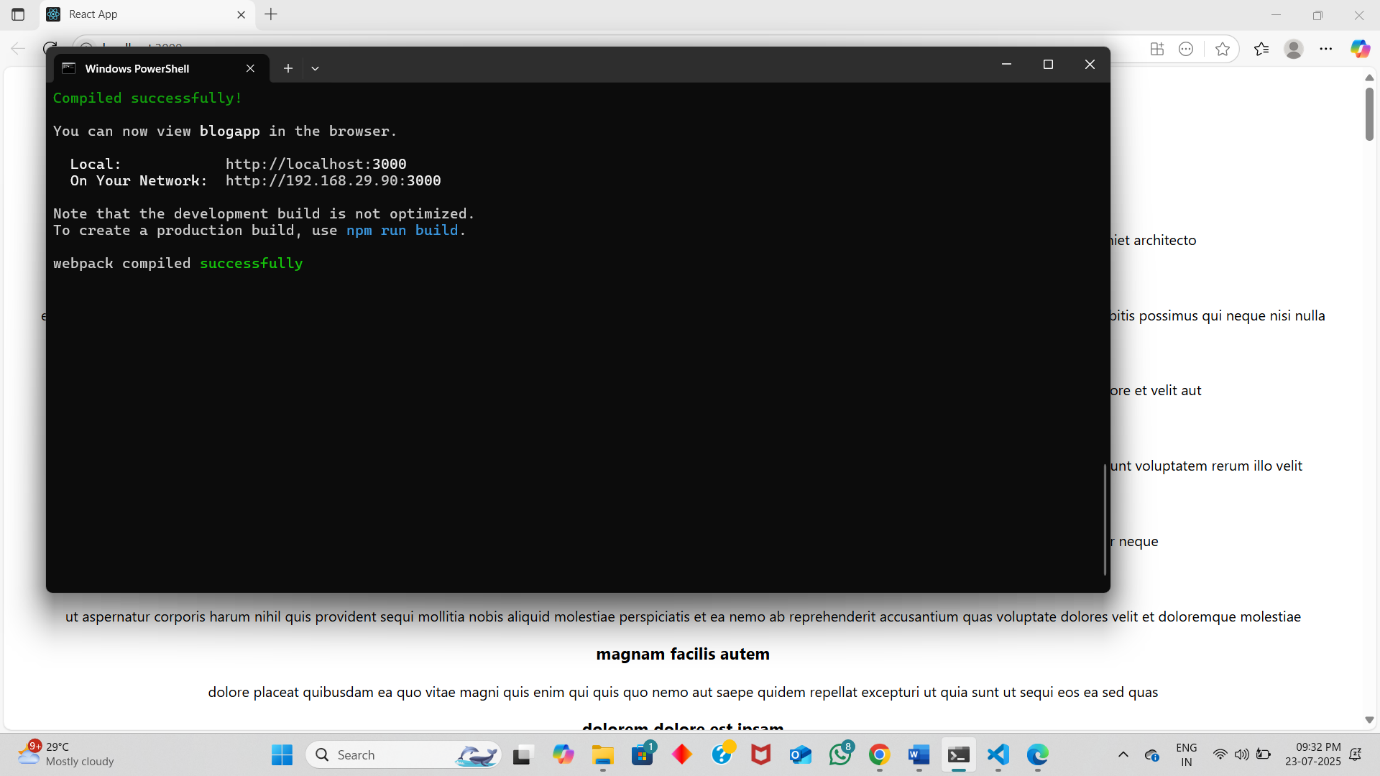
in command prompt,

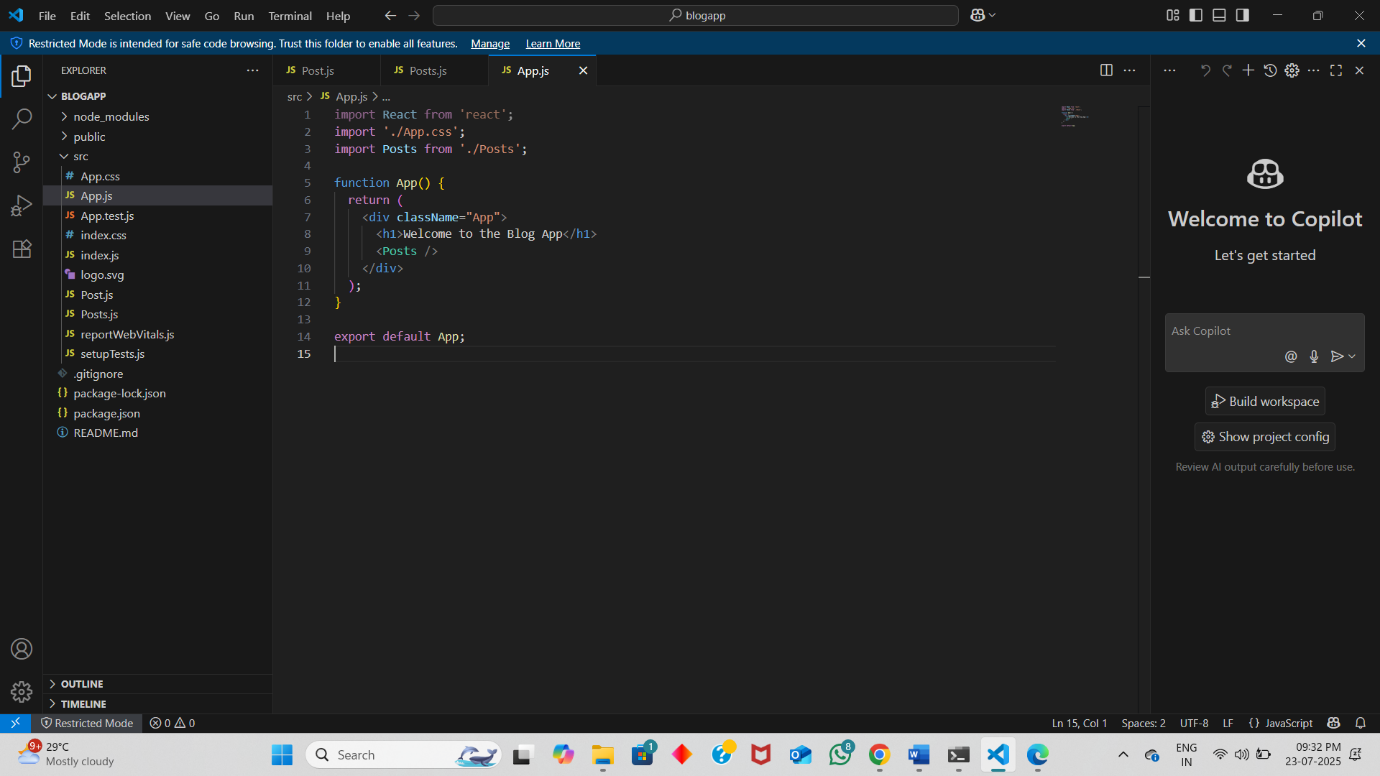
(to run)

npm start

**OUTPUT SCREENSHOTS:**

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