**React Hands On 4**

**Step 1:**

Open cmd and type

npm install –g create-react-app

**Step 2:**

Then type

Npx create-react-app blogapp

**Step 3:**

Then navigate to that app and open it in vscode using

Code .

**Step 4:**

Create a new file called post.js as follows

import React, { Component } from 'react';

class Post extends Component {

  render() {

    const { title, body } = this.props;

    return (

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

        <h3>{title}</h3>

        <p>{body}</p>

      </div>

    );

  }

}

export default Post;

**Step 5:**

Create another file called posts.java which will extract all the posts from a website

import React, { Component } from 'react';

import Post from './Post';

class Posts extends Component {

  constructor(props) {

    super(props);

    this.state = {

      posts: [],

    };

  }

  loadPosts() {

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

      .then((res) => res.json())

      .then((data) => {

        this.setState({ posts: data });

      })

      .catch((err) => {

        alert("Error loading posts: " + err.message);

      });

  }

  componentDidMount() {

    this.loadPosts();

  }

  componentDidCatch(error, info) {

    alert("An error occurred: " + error.toString());

  }

  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;

**Step 6:**

Edit the App.js as follows and run the app

import React from 'react';

import './App.css';

import Posts from './Posts';

function App() {

  return (

    <div className="App">

      <h1>Welcome to Blog App</h1>

      <Posts />

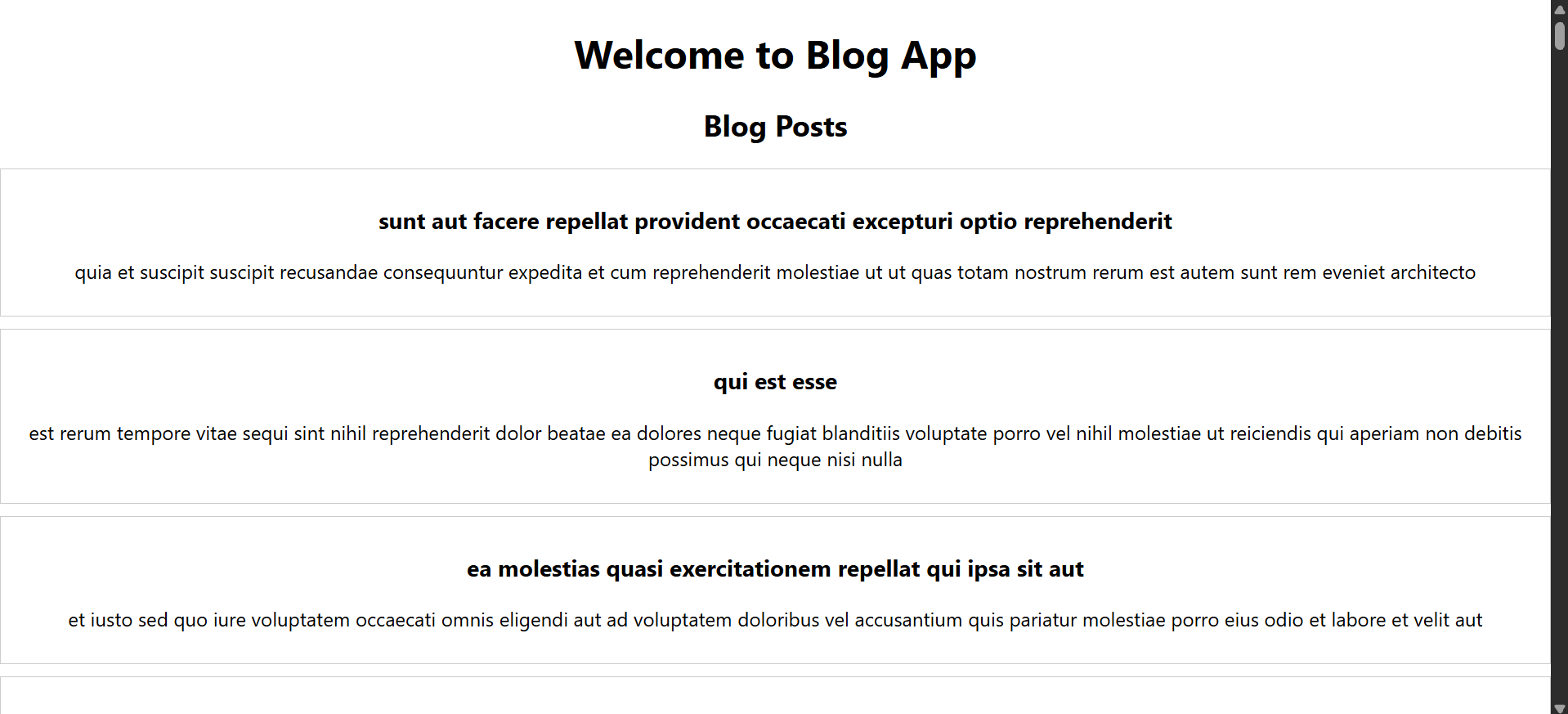
    </div>

  );

}

export default App;

**Output:**

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