**WEEK-6**

**SINGLE PAGE APPLICATION FRAMEWORK-REACT**

**Superset ID: 6407550**

**4.ReactJS HOL**

**PROJECT FOLDER: blogapp**

**Post.js**

// src/Post.js

class Post {

  constructor( id, title, body) {

    this.id = id;

    this.title = title;

    this.body = body;

  }

}

export default Post;

**Posts.js**

// src/Posts.js

import React, { Component } from 'react';

import Post from './Post';

class Posts extends Component {

  constructor(props) {

    super(props);

    this.state = {

      posts: []

    };

  }

  loadPosts = async () => {

    try {

      const res = await fetch('https://jsonplaceholder.typicode.com/posts');

      const data = await res.json();

      const postObjects = data.map(post => new Post(post.id, post.title, post.body));

      this.setState({ posts: postObjects });

    } catch (error) {

      console.error('Error fetching posts:', error);

    }

  };

  componentDidMount() {

    this.loadPosts();

  }

  componentDidCatch(error, info) {

    alert('An error occurred: ' + error);

  }

  render() {

    return (

      <div>

        <h1>Blog Posts</h1>

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

          <div key={post.id}>

            <h3>{post.title}</h3>

            <p>{post.body}</p>

          </div>

        ))}

      </div>

    );

  }

}

export default Posts;

**App.js**

import logo from './logo.svg';

import './App.css';

// src/App.js

import React from 'react';

import Posts from './Posts';

function App() {

  return (

    <div className="App">

      <Posts />

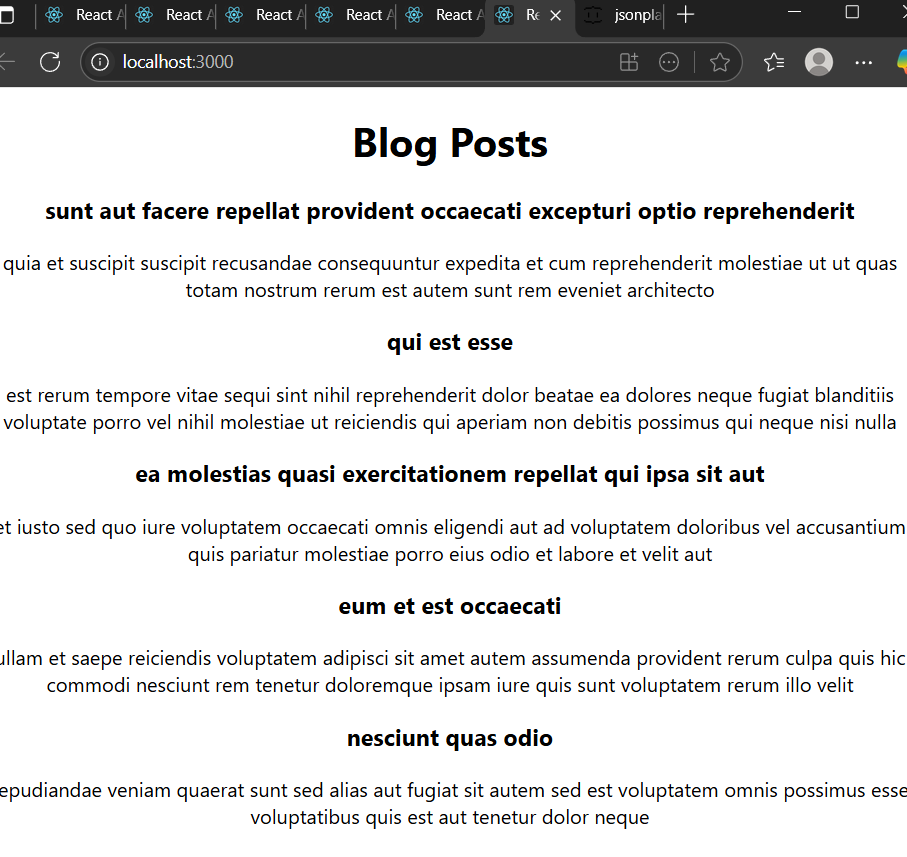
    </div>

  );

}

export default App;

**OUTPUT:**

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