**Blog App (blogapp)**

**Objective:**

Create a React app named **blogapp** using class components to:

* Fetch and display posts from https://jsonplaceholder.typicode.com/posts
* Use:
  + componentDidMount() to fetch data
  + componentDidCatch() to handle errors

1. Create a new react application using *create-react-app* tool with the name as “blogapp”
2. Open the application using VS Code
3. Create a new file named as **Post.js** in **src folder**

class Post {

  constructor(userId, id, title, body) {

    this.userId = userId;

    this.id = id;

    this.title = title;

    this.body = body;

  }

}

export default Post;

1. Create a new class based component named as **Posts** inside **Posts.js** file

import React, { Component } from 'react';

import Post from './Post';

class Posts extends Component {

  constructor(props) {

    super(props);

    this.state = {

      posts: [],

      error: null

    };

  }

  loadPosts() {

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

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

      .then(data => {

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

        this.setState({ posts: postList });

      })

      .catch(err => {

        this.setState({ error: err });

      });

  }

  componentDidMount() {

    this.loadPosts();

  }

  componentDidCatch(error, info) {

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

  }

  render() {

    const { posts } = this.state;

    return (

      <div>

        <h2>Blog Posts</h2>

        {posts.map(post => (

          <div key={post.id} style={{ borderBottom: '1px solid #ccc', marginBottom: '10px' }}>

            <h3>{post.title}</h3>

            <p>{post.body}</p>

          </div>

        ))}

      </div>

    );

  }

}

export default Posts;

1. Add the Posts component to App component.

import React from 'react';

import Posts from './Posts';

function App() {

  return (

    <div className="App">

      <Posts />

    </div>

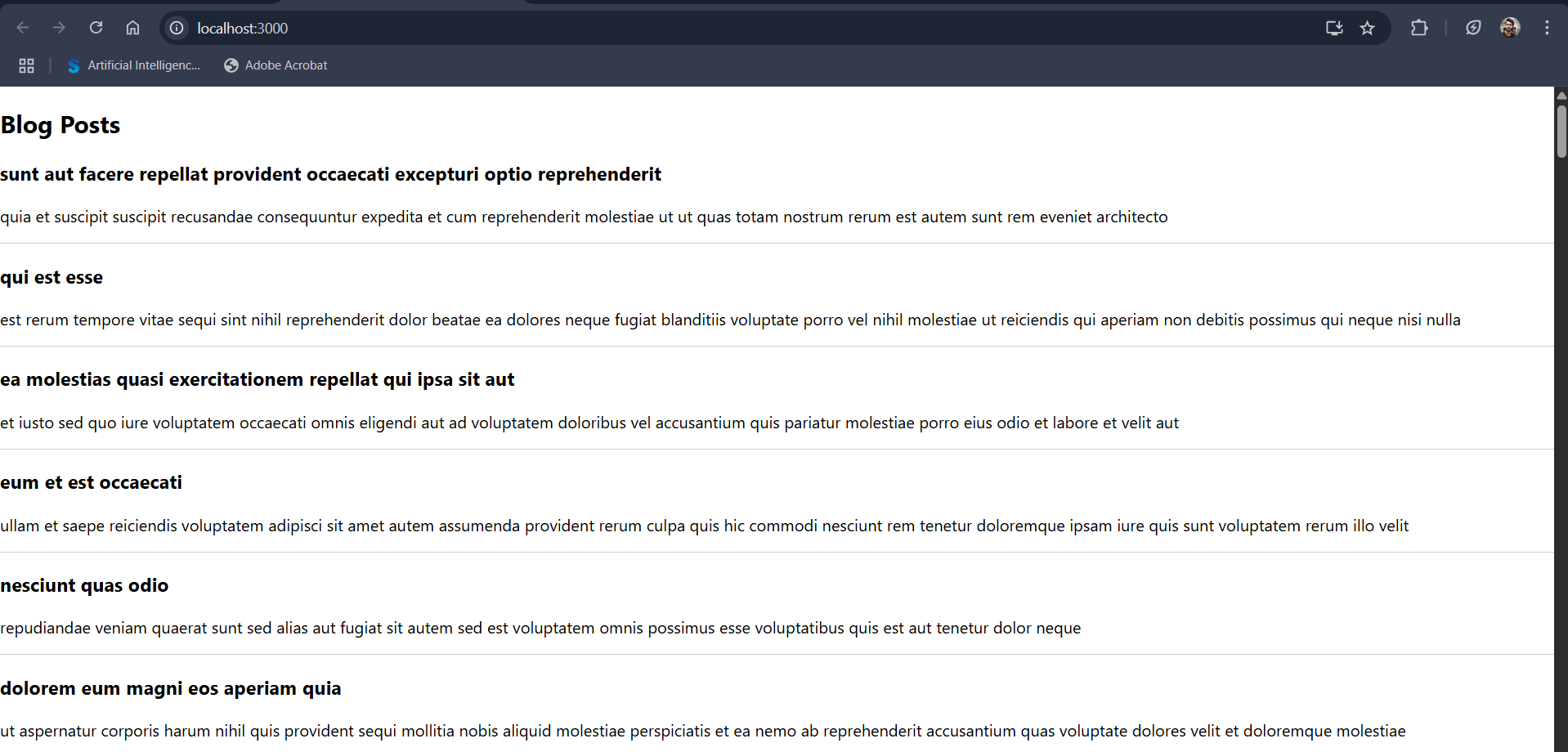
  );

}

export default App;

1. Build and Run the application using *npm start* command.

**Output:**

****