4. React JS HOL

Code:

Post.js

// Post.js

class Post {

  constructor(id, title, body) {

    this.id = id;

    this.title = title;

    this.body = body;

  }

}

export default Post;

Posts.js

// Posts.js

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 loadedPosts = data.map((item) => new Post(item.id, item.title, item.body));

        this.setState({ posts: loadedPosts });

      })

      .catch((err) => {

        this.setState({ error: err });

      });

  }

  componentDidMount() {

    this.loadPosts();

  }

  componentDidCatch(error, info) {

    alert('Something went wrong: ' + error);

  }

  render() {

    const { posts, error } = this.state;

    if (error) {

      return <h2>Error: {error.message}</h2>;

    }

    return (

      <div style={{ padding: '20px' }}>

        <h1>Blog Posts</h1>

        {posts.length === 0 ? (

          <p>Loading posts...</p>

        ) : (

          posts.map((post) => (

            <div key={post.id} style={{ marginBottom: '20px', borderBottom: '1px solid #ccc' }}>

              <h2>{post.title}</h2>

              <p>{post.body}</p>

            </div>

          ))

        )}

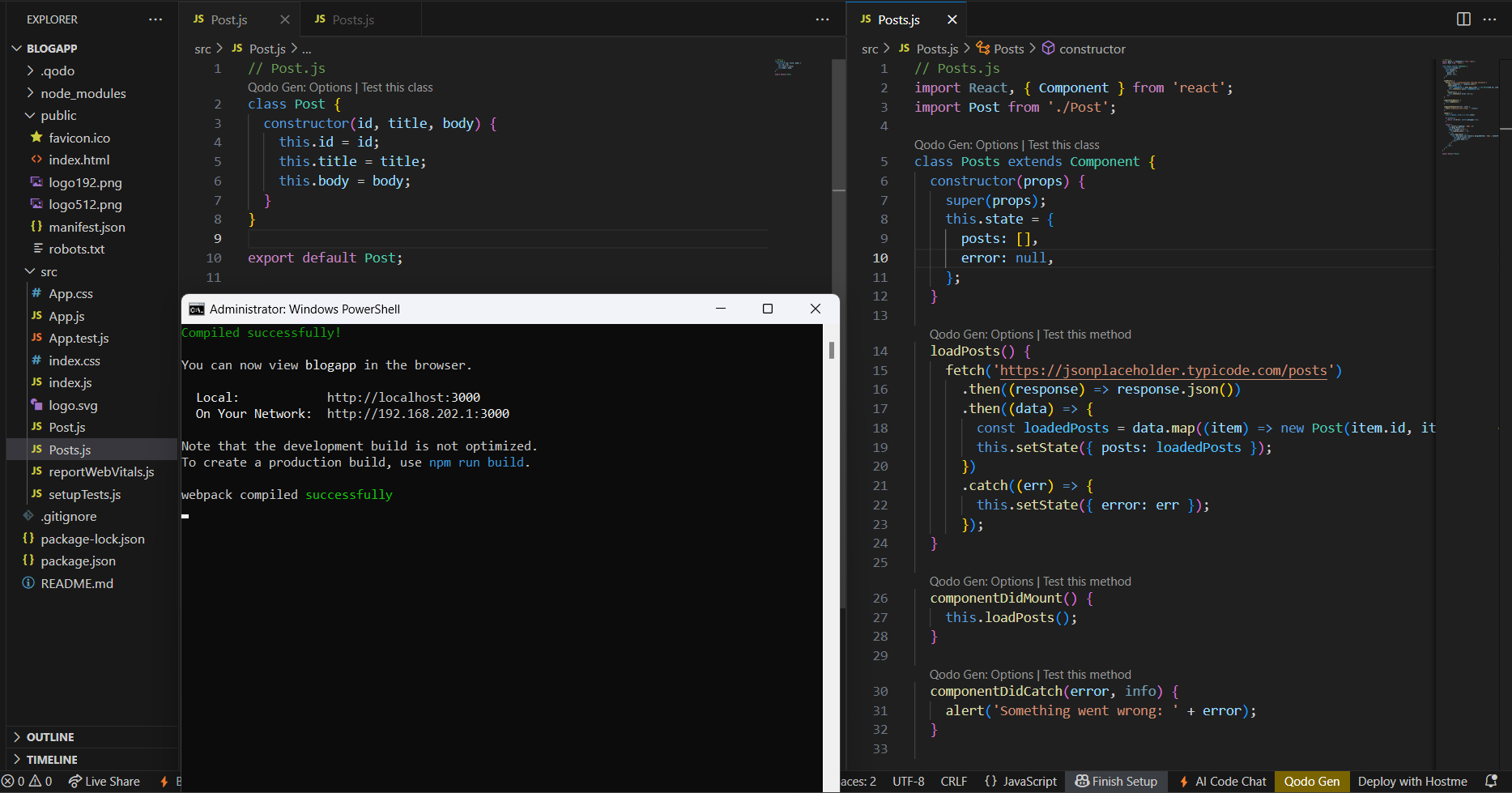
      </div>

    );

  }

}

export default Posts;



A screenshot of a computer

AI-generated content may be incorrect.