1. **ReactJS-HOL**

export default class Post {

constructor(userId, id, title, body) {

this.userId = userId;

this.id = id;

this.title = title;

this.body = body;

}

}

import React, { Component } from 'react';

import Post from './Post';

export default class Posts extends Component {

constructor(props) {

super(props);

this.state = {

posts: []

};

}

loadPosts = async () => {

try {

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

if (!res.ok) throw new Error(HTTP Error ${res.status});

const data = await res.json();

const posts = data.map(

p => new Post(p.userId, p.id, p.title, p.body)

);

this.setState({ posts });

} catch (error) {

throw error;

}

}

componentDidMount() {

this.loadPosts();

}

componentDidCatch(error, info) {

alert(Error loading posts: ${error.message});

}

render() {

const { posts } = this.state;

return (

<div>

<h1>Blog Posts</h1>

{posts.map(post => (

<div key={post.id} style={{ marginBottom: '20px' }}>

<h2>{post.title}</h2>

<p>{post.body}</p>

<hr />

</div>

))}

</div>

);

}

}

import logo from './logo.svg';

import './App.css';

import React from 'react';

import Posts from './Posts';

function App() {

return (

<div className="App">

<Posts />

</div>

);

}

export default App;

