<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8" />

<meta name="viewport" content="width=device-width, initial-scale=1.0" />

<title>Simple SPA Example</title>

<style>

body {

font-family: Arial, sans-serif;

margin: 0;

background: #f4f4f9;

color: #333;

}

header {

background: #6200ee;

color: white;

padding: 1rem;

text-align: center;

}

nav {

display: flex;

justify-content: center;

gap: 1rem;

background: #3700b3;

padding: 0.5rem;

}

nav a {

color: white;

text-decoration: none;

font-weight: bold;

padding: 0.5rem 1rem;

border-radius: 4px;

transition: background 0.3s;

}

nav a:hover {

background: #bb86fc;

}

main {

padding: 2rem;

max-width: 800px;

margin: auto;

background: white;

margin-top: 1rem;

border-radius: 8px;

box-shadow: 0 2px 5px rgba(0,0,0,0.1);

min-height: 300px;

}

footer {

text-align: center;

padding: 1rem;

margin-top: 2rem;

background: #6200ee;

color: white;

}

</style>

</head>

<body>

<header>

<h1>My Single Page Application</h1>

</header>

<nav>

<a href="#home" onclick="navigate('home')">Home</a>

<a href="#about" onclick="navigate('about')">About</a>

<a href="#contact" onclick="navigate('contact')">Contact</a>

</nav>

<main id="content">

<!-- Dynamic content will be injected here -->

</main>

<footer>

<p>&copy; 2025 My SPA Example</p>

</footer>

<script>

// Define our "pages"

const pages = {

home: `

<h2>Welcome to the Home Page</h2>

<p>This is a simple single-page application built with HTML, CSS, and JavaScript only.</p>

<p>Navigate between sections without reloading the page!</p>

`,

about: `

<h2>About This SPA</h2>

<p>This example demonstrates a basic routing system using JavaScript.</p>

<p>No frameworks, no libraries — just clean, simple code.</p>

`,

contact: `

<h2>Contact Us</h2>

<p>You can reach us at <a href="mailto:hello@example.com">hello@example.com</a>.</p>

<form onsubmit="handleSubmit(event)">

<label>Name:<br><input type="text" id="name" required></label><br><br>

<label>Message:<br><textarea id="message" rows="4" required></textarea></label><br><br>

<button type="submit">Send</button>

</form>

`

};

// Function to navigate between "pages"

function navigate(page) {

const content = document.getElementById('content');

content.innerHTML = pages[page] || "<h2>Page Not Found</h2><p>The page you're looking for doesn't exist.</p>";

window.location.hash = page;

}

// Handle form submission

function handleSubmit(event) {

event.preventDefault();

const name = document.getElementById('name').value;

const message = document.getElementById('message').value;

alert(`Thank you, ${name}! Your message has been received.`);

document.getElementById('name').value = '';

document.getElementById('message').value = '';

}

// Load the correct page based on the hash

window.addEventListener('load', () => {

const page = window.location.hash.replace('#', '') || 'home';

navigate(page);

});

window.addEventListener('hashchange', () => {

const page = window.location.hash.replace('#', '') || 'home';

navigate(page);

});

</script>

</body>

</html>