<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

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

<title>Real Estate Agency</title>

<link rel="stylesheet" href="style.css">

</head>

<body>

<!-- Navigation -->

<nav>

<h1>Real Estate Agency</h1>

<ul>

<li><a href="#home">Home</a></li>

<li><a href="#properties">Properties</a></li>

<li><a href="#mortgage">Mortgage Calculator</a></li>

<li><a href="#contact">Contact</a></li>

</ul>

</nav>

<!-- Home Section -->

<section id="home">

<h2>Welcome to Our Real Estate Agency</h2>

<p>Your dream home is just a click away!</p>

</section>

<!-- Properties Section -->

<section id="properties">

<h2>Available Properties</h2>

<div class="property-card">

<img src="property1.jpg" alt="Property 1">

<p>Modern Apartment in City Center</p>

</div>

<div class="property-card">

<img src="property2.jpg" alt="Property 2">

<p>Spacious Family Home in Suburbs</p>

</div>

</section>

<!-- Mortgage Calculator -->

<section id="mortgage">

<h2>Mortgage Calculator</h2>

<form id="mortgage-form">

<label for="loanAmount">Loan Amount:</label>

<input type="number" id="loanAmount" required>

<label for="interestRate">Interest Rate (%):</label>

<input type="number" id="interestRate" step="0.01" required>

<label for="loanTerm">Loan Term (Years):</label>

<input type="number" id="loanTerm" required>

<button type="button" onclick="calculateMortgage()">Calculate</button>

</form>

<p id="mortgageResult"></p>

</section>

<!-- Contact Form -->

<section id="contact">

<h2>Contact Us</h2>

<form id="contact-form">

<label for="name">Name:</label>

<input type="text" id="name" required>

<label for="email">Email:</label>

<input type="email" id="email" required>

<label for="message">Message:</label>

<textarea id="message" required></textarea>

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

</form>

</section>

<script src="script.js"></script>

</body>

</html>

\* {

box-sizing: border-box;

margin: 0;

padding: 0;

font-family: Arial, sans-serif;

}

nav {

display: flex;

justify-content: space-between;

padding: 1rem;

background-color: #333;

color: #fff;

}

nav ul {

list-style: none;

display: flex;

}

nav ul li {

margin: 0 10px;

}

nav ul li a {

color: #fff;

text-decoration: none;

}

section {

padding: 2rem;

}

.property-card {

display: inline-block;

margin: 1rem;

text-align: center;

}

.property-card img {

width: 100%;

max-width: 300px;

}

#mortgage-form, #contact-form {

max-width: 400px;

margin: 1rem auto;

}

button {

padding: 0.5rem 1rem;

cursor: pointer;

}

#mortgageResult {

font-size: 1.2rem;

margin-top: 1rem;

}

/\* Animations \*/

.property-card, #mortgage-form, #contact-form {

opacity: 0;

transition: opacity 1s ease-out;

}

.property-card.show, #mortgage-form.show, #contact-form.show {

opacity: 1;

}

// Scroll animations

const elements = document.querySelectorAll('.property-card, #mortgage-form, #contact-form');

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

elements.forEach(element => {

const position = element.getBoundingClientRect().top;

const windowHeight = window.innerHeight;

if (position < windowHeight - 100) {

element.classList.add('show');

}

});

});

// Mortgage Calculator

function calculateMortgage() {

const loanAmount = parseFloat(document.getElementById('loanAmount').value);

const interestRate = parseFloat(document.getElementById('interestRate').value) / 100 / 12;

const loanTerm = parseFloat(document.getElementById('loanTerm').value) \* 12;

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

if (loanAmount && interestRate && loanTerm) {

const monthlyPayment = (loanAmount \* interestRate) / (1 - Math.pow(1 + interestRate, -loanTerm));

mortgageResult.textContent = `Estimated Monthly Payment: $${monthlyPayment.toFixed(2)}`;

} else {

mortgageResult.textContent = "Please enter all fields.";

}

}

// Contact Form Submission (using EmailJS for example)

document.getElementById('contact-form').addEventListener('submit', function(event) {

event.preventDefault();

// Integrate with EmailJS or other email service

alert('Message sent! Thank you for contacting us.');

});