<!DOCTYPE html> <html lang="en"> <head> <meta charset="UTF-8"> <meta name="viewport" content="width=device-width, initial-scale=1.0"> <title>9-Marie Curie Memory Match</title> <style> body { font-family: Arial, sans-serif; background: linear-gradient(135deg, #001f3f, #0074D9); color: white; text-align: center; margin: 0; padding: 0; } h1 { margin: 20px 0 10px; font-size: 2rem; } p { margin-bottom: 20px; } .game-board { display: grid; grid-template-columns: repeat(4, 100px); gap: 12px; justify-content: center; margin: 20px auto; } .card { width: 100px; height: 100px; background: #39CCCC; border-radius: 10px; cursor: pointer; position: relative; perspective: 600px; } .card-inner { width: 100%; height: 100%; transition: transform 0.4s; transform-style: preserve-3d; position: relative; } .card.flipped .card-inner { transform: rotateY(180deg); } .card-front, .card-back { width: 100%; height: 100%; position: absolute; backface-visibility: hidden; border-radius: 10px; } .card-front { background: #001f3f; display: flex; align-items: center; justify-content: center; font-size: 1.5rem; } .card-back img { width: 100%; height: 100%; object-fit: cover; border-radius: 10px; } .card-back { transform: rotateY(180deg); } .win-message { display: none; font-size: 1.5rem; margin-top: 20px; background: rgba(0,0,0,0.6); padding: 15px; border-radius: 10px; } </style> </head> <body> <h1>🔬 9-Marie Curie Memory Match</h1> <p>Match all the science-themed photo pairs!</p> <div class="game-board" id="gameBoard"></div> <div class="win-message" id="winMessage">🎉 Congratulations! You matched them all! 🚀</div> <script> const images = [ '[**https://via.placeholder.com/100?text=Atom**](https://via.placeholder.com/100?text=Atom)', '[**https://via.placeholder.com/100?text=Lab**](https://via.placeholder.com/100?text=Lab)', '[**https://via.placeholder.com/100?text=Microscope**](https://via.placeholder.com/100?text=Microscope)', '[**https://via.placeholder.com/100?text=Flask**](https://via.placeholder.com/100?text=Flask)', '[**https://via.placeholder.com/100?text=DNA**](https://via.placeholder.com/100?text=DNA)', '[**https://via.placeholder.com/100?text=Marie+Curie**](https://via.placeholder.com/100?text=Marie+Curie)' ]; let cardsArray = [...images, ...images]; cardsArray.sort(() => 0.5 - Math.random()); const gameBoard = document.getElementById('gameBoard'); let flippedCards = []; let matchedPairs = 0; function createBoard() { cardsArray.forEach(imgSrc => { const card = document.createElement('div'); card.classList.add('card'); card.dataset.image = imgSrc; const cardInner = document.createElement('div'); cardInner.classList.add('card-inner'); const cardFront = document.createElement('div'); cardFront.classList.add('card-front'); cardFront.textContent = "🔬"; const cardBack = document.createElement('div'); cardBack.classList.add('card-back'); const img = document.createElement('img'); img.src = imgSrc; cardBack.appendChild(img); cardInner.appendChild(cardFront); cardInner.appendChild(cardBack); card.appendChild(cardInner); card.addEventListener('click', flipCard); gameBoard.appendChild(card); }); } function flipCard() { if (flippedCards.length === 2 || this.classList.contains('matched')) return; this.classList.add('flipped'); flippedCards.push(this); if (flippedCards.length === 2) { setTimeout(checkMatch, 600); } } function checkMatch() { const [card1, card2] = flippedCards; if (card1.dataset.image === card2.dataset.image) { card1.classList.add('matched'); card2.classList.add('matched'); matchedPairs++; if (matchedPairs === images.length) { document.getElementById('winMessage').style.display = 'block'; } } else { card1.classList.remove('flipped'); card2.classList.remove('flipped'); } flippedCards = []; } createBoard(); </script> </body> </html>