<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8" />

<meta name="viewport" content="width=device-width, initial-scale=1" />

<title>SmartFlash OMR+ Fixed Layout</title>

<link href="https://fonts.googleapis.com/css2?family=Poppins:wght@400;600&display=swap" rel="stylesheet" />

<style>

\* {

box-sizing: border-box;

}

body {

font-family: 'Poppins', sans-serif;

background: linear-gradient(to right, #e3f2fd, #e1bee7);

margin: 0;

padding: 20px;

display: flex;

justify-content: center;

align-items: center;

min-height: 100vh;

}

.card-container {

width: 360px;

perspective: 1200px;

/\* Prevent container from shrinking too small \*/

min-height: 320px;

}

.flashcard {

position: relative;

width: 100%;

transition: transform 0.8s;

transform-style: preserve-3d;

cursor: default;

}

.flipped {

transform: rotateY(180deg);

}

.face {

position: relative;

width: 100%;

padding: 20px;

background: white;

border-radius: 20px;

box-shadow: 0 10px 25px rgba(0,0,0,0.15);

backface-visibility: hidden;

display: flex;

flex-direction: column;

justify-content: center;

align-items: center;

/\* Make sure text wraps and stays inside \*/

overflow-wrap: break-word;

word-break: break-word;

}

.back {

background: #dcedc8;

transform: rotateY(180deg);

position: relative;

}

h2 {

margin: 0 0 15px;

color: #333;

font-weight: 600;

font-size: 1.4rem;

max-width: 100%;

text-align: center;

overflow-wrap: break-word;

word-break: break-word;

white-space: normal;

}

.options {

width: 100%;

}

.option {

background: #f1f1f1;

padding: 12px;

margin: 8px 0;

border-radius: 12px;

cursor: pointer;

transition: all 0.3s ease;

text-align: center;

user-select: none;

/\* Keep options inside card \*/

overflow-wrap: break-word;

word-break: break-word;

white-space: normal;

max-width: 100%;

}

.option:hover {

background: #c5cae9;

}

.option.correct {

background-color: #a5d6a7;

}

.option.incorrect {

background-color: #ef9a9a;

}

.option.disabled {

pointer-events: none;

}

button {

margin-top: 20px;

padding: 10px 20px;

font-weight: bold;

border: none;

background: #7e57c2;

color: #fff;

border-radius: 10px;

cursor: pointer;

transition: background 0.3s ease;

user-select: none;

display: block;

width: 100%;

}

button:hover {

background: #5e35b1;

}

</style>

</head>

<body>

<div class="card-container">

<div class="flashcard" id="flashcard">

<div class="face front">

<h2 id="question">Loading...</h2>

<div class="options" id="options"></div>

</div>

<div class="face back">

<h2 id="answer">Answer here</h2>

</div>

</div>

<button onclick="nextCard()">Next</button>

</div>

<script>

const data = [

{

question: "What is the boiling point of water in degrees Celsius at standard atmospheric pressure?",

options: ["90°C", "100°C", "110°C", "120°C"],

correct: "100°C"

},

{ question: "Capital of Japan?", options: ["Seoul", "Beijing", "Tokyo", "Bangkok"], correct: "Tokyo" },

{

question: "HTML stands for?",

options: [

"Hyper Type Multi Language",

"HyperText Markup Language",

"HighText Machine Language",

"None"

],

correct: "HyperText Markup Language"

},

{

question: "Planet known as the Red Planet, famous for its reddish appearance caused by iron oxide on its surface?",

options: ["Venus", "Saturn", "Mars", "Jupiter"],

correct: "Mars"

},

{ question: "CSS is used for?", options: ["Logic", "Content", "Design", "Database"], correct: "Design" },

{

question: "Which JavaScript method is used to select an element by its ID?",

options: ["getElementByClass", "getElementById", "querySelectorAll", "getElementsByTagName"],

correct: "getElementById"

},

{

question: "What does OMR stand for in examination systems?",

options: [

"Optical Mark Recognition",

"Online Marking Resource",

"Official Math Review",

"Output Module Recorder"

],

correct: "Optical Mark Recognition"

},

{

question: "Which gas is most abundant in the Earth's atmosphere?",

options: ["Oxygen", "Nitrogen", "Carbon Dioxide", "Argon"],

correct: "Nitrogen"

},

{

question: "The chemical symbol 'Na' stands for which element?",

options: ["Sodium", "Nitrogen", "Neon", "Nickel"],

correct: "Sodium"

},

{

question: "Who wrote the novel 'To Kill a Mockingbird', a classic of modern American literature?",

options: ["Harper Lee", "J.K. Rowling", "Mark Twain", "Ernest Hemingway"],

correct: "Harper Lee"

}

];

let current = 0;

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

const questionEl = document.getElementById('question');

const optionsEl = document.getElementById('options');

const answerEl = document.getElementById('answer');

function loadCard() {

flashcard.classList.remove('flipped');

const q = data[current];

questionEl.textContent = q.question;

answerEl.textContent = "Answer: " + q.correct;

optionsEl.innerHTML = '';

q.options.forEach(opt => {

const btn = document.createElement('div');

btn.className = 'option';

btn.textContent = opt;

btn.onclick = () => checkAnswer(btn, opt, q.correct);

optionsEl.appendChild(btn);

});

}

function checkAnswer(btn, selected, correct) {

const all = document.querySelectorAll('.option');

all.forEach(opt => {

opt.classList.add('disabled');

if (opt.textContent === correct) opt.classList.add('correct');

else if (opt.textContent === selected) opt.classList.add('incorrect');

});

setTimeout(() => {

flashcard.classList.add('flipped');

}, 700);

}

function nextCard() {

current = (current + 1) % data.length;

loadCard();

}

loadCard();

</script>

</body>

</html>