<!DOCTYPE html>

<html lang="pt-BR">

<head>

<meta charset="UTF-8" />

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

<title>Flash Cards de Estudo</title>

<style>

\* {

box-sizing: border-box;

margin: 0;

padding: 0;

font-family: Arial, sans-serif;

}

body {

background-color: #f0f4f8;

display: flex;

justify-content: center;

align-items: center;

min-height: 100vh;

}

.container {

width: 90%;

max-width: 900px;

text-align: center;

}

h1 {

margin-bottom: 30px;

color: #333;

}

.flashcards {

display: flex;

gap: 20px;

flex-wrap: wrap;

justify-content: center;

}

.card {

width: 200px;

height: 150px;

perspective: 1000px;

}

.card-inner {

width: 100%;

height: 100%;

position: relative;

transition: transform 0.6s;

transform-style: preserve-3d;

cursor: pointer;

}

.card-inner.is-flipped {

transform: rotateY(180deg);

}

.card-front,

.card-back {

position: absolute;

width: 100%;

height: 100%;

background-color: #ffffff;

border: 1px solid #ccc;

backface-visibility: hidden;

display: flex;

justify-content: center;

align-items: center;

padding: 15px;

border-radius: 10px;

box-shadow: 0 4px 6px rgba(0, 0, 0, 0.1);

}

.card-back {

background-color: #0077cc;

color: #fff;

transform: rotateY(180deg);

}

@media (max-width: 600px) {

.card {

width: 90%;

}

}

</style>

</head>

<body>

<main class="container">

<h1>Flash Cards de Estudo</h1>

<div class="flashcards">

<div class="card">

<div class="card-inner">

<div class="card-front">

<p>O que é HTML?</p>

</div>

<div class="card-back">

<p>Linguagem de marcação usada para criar páginas web.</p>

</div>

</div>

</div>

<div class="card">

<div class="card-inner">

<div class="card-front">

<p>O que é CSS?</p>

</div>

<div class="card-back">

<p>Folhas de estilo que definem o visual da página web.</p>

</div>

</div>

</div>

<div class="card">

<div class="card-inner">

<div class="card-front">

<p>O que é JavaScript?</p>

</div>

<div class="card-back">

<p>Linguagem de programação que adiciona interatividade ao site.</p>

</div>

</div>

</div>

</div>

</main>

<script>

const cards = document.querySelectorAll('.card-inner');

cards.forEach(card => {

card.addEventListener('click', () => {

card.classList.toggle('is-flipped');

});

});

</script>

</body>

</html>