<!DOCTYPE html>

<html lang="es">

<head>

<meta charset="UTF-8">

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

<title>Juego sobre BHT en Cosméticos</title>

<style>

body {

font-family: Arial, sans-serif;

background: #f0f4f8;

margin: 0;

padding: 20px;

color: #333;

}

.container {

max-width: 600px;

margin: auto;

background: #fff;

padding: 30px;

border-radius: 10px;

box-shadow: 0 4px 12px rgba(0,0,0,0.1);

}

h1 {

text-align: center;

color: #0057a3;

}

.question {

margin-bottom: 20px;

}

.options button {

display: block;

width: 100%;

margin: 10px 0;

padding: 10px;

border: none;

background: #dfefff;

border-radius: 5px;

cursor: pointer;

}

.options button:hover {

background: #c0e4ff;

}

.result {

font-weight: bold;

text-align: center;

margin-top: 20px;

}

</style>

</head>

<body>

<div class="container">

<h1>Juego: ¿Qué sabes del BHT en Cosméticos?</h1>

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

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

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

</div>

<script>

const quiz = [

{

question: "¿Qué es el BHT?",

options: [

"Un conservante natural",

"Un antioxidante sintético",

"Un colorante artificial",

"Una fragancia"

],

answer: 1

},

{

question: "¿Cuál es la función del BHT en los cosméticos?",

options: [

"Dar color",

"Prevenir el mal olor",

"Evitar la oxidación de los ingredientes",

"Hidratar la piel"

],

answer: 2

},

{

question: "¿Por qué algunos consumidores evitan el BHT?",

options: [

"Puede causar alergias",

"Se ha cuestionado su seguridad en grandes cantidades",

"Es un ingrediente de origen animal",

"No es biodegradable"

],

answer: 1

}

];

let currentQuestion = 0;

let score = 0;

function loadQuestion() {

const q = quiz[currentQuestion];

document.getElementById("question").textContent = q.question;

const optionsDiv = document.getElementById("options");

optionsDiv.innerHTML = "";

q.options.forEach((option, index) => {

const button = document.createElement("button");

button.textContent = option;

button.onclick = () => checkAnswer(index);

optionsDiv.appendChild(button);

});

}

function checkAnswer(selected) {

const correct = quiz[currentQuestion].answer;

const resultDiv = document.getElementById("result");

if (selected === correct) {

score++;

resultDiv.textContent = "¡Correcto!";

resultDiv.style.color = "green";

} else {

resultDiv.textContent = "Incorrecto. La respuesta correcta era: " + quiz[currentQuestion].options[correct];

resultDiv.style.color = "red";

}

currentQuestion++;

if (currentQuestion < quiz.length) {

setTimeout(() => {

resultDiv.textContent = "";

loadQuestion();

}, 2000);

} else {

setTimeout(() => {

document.getElementById("question").textContent = "Juego terminado. Puntaje final:";

document.getElementById("options").innerHTML = `<h2>${score} / ${quiz.length}</h2>`;

resultDiv.textContent = "";

}, 2000);

}

}

loadQuestion();

</script>

</body>

</html>