**Exibir hora atual dinâmica**

<!DOCTYPE html>

<html lang="pt-BR">

<head>

<meta charset="UTF-8">

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

<title>Hora Atual</title>

</head>

<body>

<h1>Hora Atual: <span id="currentTime"></span></h1>

<button id="updateTime">Atualizar Hora</button>

<script>

const currentTimeElement = document.getElementById('currentTime');

const button = document.getElementById('updateTime');

function updateTime() {

const now = new Date();

currentTimeElement.textContent = now.toLocaleTimeString();

}

button.addEventListener('click', updateTime);

updateTime(); // Atualiza a hora ao carregar a página

</script>

</body>

</html>

**Contador de cliques**

<!DOCTYPE html>

<html lang="pt-BR">

<head>

<meta charset="UTF-8">

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

<title>Contador de Clique</title>

</head>

<body>

<p>Contagem de cliques: <span id="clickCount">0</span></p>

<button id="clickButton">Clique Aqui</button>

<script>

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

const clickCountElement = document.getElementById('clickCount');

let count = 0;

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

count++;

clickCountElement.textContent = count;

});

</script>

</body>

</html>

**Alterar cor de fundo ao clicar em um botão**

<!DOCTYPE html>

<html lang="pt-BR">

<head>

<meta charset="UTF-8">

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

<title>Trocar Cor de Fundo</title>

</head>

<body>

<button id="changeColor">Mudar Cor de Fundo</button>

<script>

const button = document.getElementById('changeColor');

const colors = ['#FF5733', '#33FF57', '#3357FF', '#F3FF33', '#FF33A1'];

let currentColorIndex = 0;

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

document.body.style.backgroundColor = colors[currentColorIndex];

currentColorIndex = (currentColorIndex + 1) % colors.length; // Cicla através das cores

});

</script>

</body>

</html>

**Gerador de nomes aleatório**

<!DOCTYPE html>

<html lang="pt-BR">

<head>

<meta charset="UTF-8">

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

<title>Gerador de Nomes</title>

</head>

<body>

<button id="generateName">Gerar Nome</button>

<p id="nameDisplay">Nome aparecerá aqui.</p>

<script>

const names = ['Alice', 'Bruno', 'Carla', 'Diego', 'Fernanda'];

const button = document.getElementById('generateName');

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

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

const randomIndex = Math.floor(Math.random() \* names.length);

nameDisplay.textContent = names[randomIndex];

});

</script>

</body>

</html>

**Contador de caracteres em um campo de texto**

<!DOCTYPE html>

<html lang="pt-BR">

<head>

<meta charset="UTF-8">

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

<title>Contador de Caracteres</title>

</head>

<body>

<textarea id="textArea" placeholder="Digite algo..."></textarea>

<p>Contagem de caracteres: <span id="charCount">0</span></p>

<script>

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

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

textArea.addEventListener('input', () => {

charCount.textContent = textArea.value.length;

});

</script>

</body>

</html>

**Adicionar e remover cores favoritas**

<!DOCTYPE html>

<html lang="pt-BR">

<head>

<meta charset="UTF-8">

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

<title>Cores Favoritas</title>

</head>

<body>

<input type="text" id="colorInput" placeholder="Digite uma cor">

<button id="addColor">Adicionar Cor</button>

<ul id="favoriteColors"></ul>

<script>

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

const addColorButton = document.getElementById('addColor');

const favoriteColorsList = document.getElementById('favoriteColors');

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

const color = colorInput.value.trim();

if (color) {

const li = document.createElement('li');

li.textContent = color;

li.style.color = color; // Muda a cor do texto para a cor inserida

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

favoriteColorsList.removeChild(li); // Remove a cor ao clicar

});

favoriteColorsList.appendChild(li);

colorInput.value = ''; // Limpar campo de entrada

}

});

</script>

</body>

</html>

**Formulário de feedback com estrelas**

<!DOCTYPE html>

<html lang="pt-BR">

<head>

<meta charset="UTF-8">

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

<title>Feedback com Estrelas</title>

<style>

.star {

font-size: 24px;

cursor: pointer;

}

.selected {

color: gold;

}

</style>

</head>

<body>

<h2>Avalie nosso serviço:</h2>

<div id="stars">

<span class="star" data-value="1">★</span>

<span class="star" data-value="2">★</span>

<span class="star" data-value="3">★</span>

<span class="star" data-value="4">★</span>

<span class="star" data-value="5">★</span>

</div>

<p id="ratingMessage">Você avaliou: </p>

<script>

const stars = document.querySelectorAll('.star');

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

stars.forEach(star => {

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

const rating = star.dataset.value;

stars.forEach(s => s.classList.remove('selected'));

for (let i = 0; i < rating; i++) {

stars[i].classList.add('selected');

}

ratingMessage.textContent = `Você avaliou: ${rating} estrela(s)`;

});

});

</script>

</body>

</html>

**Alterar texto de um botão e exibir alerta**

<!DOCTYPE html>

<html lang="pt-BR">

<head>

<meta charset="UTF-8">

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

<title>Alterar Botão</title>

</head>

<body>

<button id="alertButton">Clique para mudar!</button>

<script>

const button = document.getElementById('alertButton');

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

button.textContent = "Obrigado por clicar!";

alert("Você clicou no botão!");

});

</script>

</body>

</html>

**Trocar títulos dinamicamente**

<!DOCTYPE html>

<html lang="pt-BR">

<head>

<meta charset="UTF-8">

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

<title>Trocar Títulos</title>

</head>

<body>

<h1 id="mainTitle">Título Original</h1>

<input type="text" id="titleInput" placeholder="Novo título">

<button id="changeTitle">Alterar Título</button>

<script>

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

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

const changeTitleButton = document.getElementById('changeTitle');

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

const newTitle = titleInput.value.trim();

if (newTitle) {

mainTitle.textContent = newTitle;

titleInput.value = ''; // Limpa o campo de entrada

}

});

</script>

</body>

</html>

**Contador de tempo com início e parada**

<!DOCTYPE html>

<html lang="pt-BR">

<head>

<meta charset="UTF-8">

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

<title>Contador de Tempo</title>

</head>

<body>

<h2>Contagem: <span id="timer">0</span> segundos</h2>

<button id="startTimer">Iniciar</button>

<button id="stopTimer">Parar</button>

<script>

let seconds = 0;

let timerInterval;

document.getElementById('startTimer').addEventListener('click', () => {

timerInterval = setInterval(() => {

seconds++;

document.getElementById('timer').textContent = seconds;

}, 1000);

});

document.getElementById('stopTimer').addEventListener('click', () => {

clearInterval(timerInterval);

});

</script>

</body>

</html>