1

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

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

<title>Unique Task 1</title>

<style>

@keyframes spin {

to { transform: rotate(360deg); }

}

</style>

</head>

<body>

<h2 id="helloHeading">Hello</h2>

<input type="text" id="textInput" placeholder="Enter a word or phrase">

<button onclick="changeText()">Change Text</button>

<script>

function changeText() {

const inputText = document.getElementById('textInput').value.trim();

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

if (inputText !== '') {

helloHeading.innerText = inputText;

helloHeading.style.animation = 'spin 1s linear';

setTimeout(() => {

helloHeading.style.animation = '';

}, 1000);

}

}

</script>

</body>

</html>

T2

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

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

<title>Unique Task 2</title>

</head>

<body>

<button onclick="incrementCount()">Click to Increase Count</button>

<p id="count">Count: 0</p>

<script>

let count = 0;

function incrementCount() {

count++;

const countParagraph = document.getElementById('count');

countParagraph.innerText = `Count: ${count}`;

countParagraph.style.fontSize = `${1 + count \* 0.1}em`;

}

</script>

</body>

</html>

T3

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

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

<title>Unique Task 3</title>

</head>

<body>

<button onclick="addListItem()">Add Unique List Item</button>

<ul id="numberList"></ul>

<script>

let count = 0;

function addListItem() {

count++;

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

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

listItem.innerText = `Item #${count} added!`;

numberList.appendChild(listItem);

}

</script>

</body>

</html>

T4

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

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

<title>Unique Task 4</title>

</head>

<body>

<button onclick="addTableRow()">Add Fibonacci Row</button>

<table id="sumTable">

<tr>

<td>1</td>

<td>1</td>

</tr>

<tr>

<td>2</td>

<td>3</td>

</tr>

</table>

<script>

function addTableRow() {

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

const lastRow = sumTable.lastChild;

const previousSum = parseInt(lastRow.firstChild.innerText) + parseInt(lastRow.lastChild.innerText);

const newRow = document.createElement('tr');

const newCell1 = document.createElement('td');

const newCell2 = document.createElement('td');

newCell1.innerText = previousSum;

newCell2.innerText = previousSum + parseInt(lastRow.lastChild.innerText);

newRow.appendChild(newCell1);

newRow.appendChild(newCell2);

sumTable.appendChild(newRow);

}

</script>

</body>

</html>

T5

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

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

<title>Unique Task 5</title>

</head>

<body>

<input type="number" id="input1" placeholder="Enter number 1">

<input type="number" id="input2" placeholder="Enter number 2">

<button onclick="performOperation('+')">Add</button>

<button onclick="performOperation('-')">Subtract</button>

<button onclick="performOperation('\*')">Multiply</button>

<button onclick="performOperation('/')">Divide</button>

<p id="result">Result will be displayed here</p>

<script>

function performOperation(operator) {

const input1 = parseFloat(document.getElementById('input1').value);

const input2 = parseFloat(document.getElementById('input2').value);

if (isNaN(input1) || isNaN(input2)) {

document.getElementById('result').innerText = 'Invalid input';

return;

}

let result;

switch (operator) {

case '+':

result = input1 + input2;

break;

case '-':

result = input1 - input2;

break;

case '\*':

result = input1 \* input2;

break;

case '/':

result = input1 / input2;

break;

default:

result = 'Invalid operator';

}

document.getElementById('result').innerText = `Result: ${result}`;

}

</script>

</body>

</html>

T6

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

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

<title>Unique Task 6</title>

</head>

<body>

<button onclick="makePage()">Click Here</button>

<script>

function makePage() {

const body = document.body;

// Create elements

const header = document.createElement('h1');

header.innerText = 'Dynamic Page Header';

header.style.color = '#3498db';

const paragraph = document.createElement('p');

paragraph.innerText = 'This content is dynamically generated using JavaScript.';

paragraph.style.fontStyle = 'italic';

const image = document.createElement('img');

image.src = 'https://example.com/unique-image.jpg';

image.alt = 'Unique Dynamic Image';

image.style.width = '300px';

// Append elements to the body

body.appendChild(header);

body.appendChild(paragraph);

body.appendChild(image);

}

</script>

</body>

</html>

T7

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

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

<title>Unique Task 7 - Tip Calculator</title>

</head>

<body>

<label for="amount">Bill Amount:</label>

<input type="number" id="amount" placeholder="Enter bill amount">

<label for="percentage">Tip Percentage:</label>

<input type="number" id="percentage" placeholder="Enter tip percentage">

<label for="people">Number of People:</label>

<input type="number" id="people" placeholder="Enter number of people">

<button onclick="calculateTip()">Calculate Tip</button>

<p id="tipResult"></p>

<script>

function calculateTip() {

const amount = parseFloat(document.getElementById('amount').value);

const percentage = parseFloat(document.getElementById('percentage').value);

const people = parseInt(document.getElementById('people').value);

if (isNaN(amount) || isNaN(percentage) || isNaN(people) || percentage < 0 || people <= 0) {

document.getElementById('tipResult').innerText = 'Invalid input';

return;

}

const tipAmount = (amount \* percentage) / 100;

const totalAmount = amount + tipAmount;

const individualTip = tipAmount / people;

document.getElementById('tipResult').innerText = `Total Tip: $${tipAmount.toFixed(2)} | Total Amount: $${totalAmount.toFixed(2)} | Tip per Person: $${individualTip.toFixed(2)}`;

}

</script>

</body>

</html>