

<!-- PRACTICAL-12: Write a JavaScript to create a tip calculator that help determine how much to tip at restaurants or whenever the need arises.

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<!-- CODE -->

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

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

<title>PRACTICAL12</title>

<style>

body {

font-family: 'Trebuchet MS', 'Lucida Sans Unicode', 'Lucida Grande', 'Lucida Sans', Arial, sans-serif;

}

.calculator {

max-width: 300px;

margin: 50px auto;

padding: 20px;

border: 1px solid #ccc;

border-radius: 5px;

background-color: #f9f9f9;

}

input[type="number"] {

width: 100%;

padding: 8px;

margin: 5px 0;

box-sizing: border-box;

}

input[type="button"] {

width: 100%;

padding: 10px;

margin-top: 10px;

background-color: #5E4DE0;

color: white;

border: none;

border-radius: 20px;

cursor: pointer;

}

</style>

</head>

<body>

<div class="calculator">

<h2>TIP CALCULATOR</h2>

<label for="billAmount">BILL AMOUNT (\$):</label><br>

<input type="number" id="billAmount" placeholder="ENTER BILL AMOUNT"><br><br>

<label for="tipPercentage">TIP PERCENTAGE (%):</label>

<input type="number" id="tipPercentage" placeholder="ENTER TIP PERCENTAGE"><br><br>

```
58     <input type="button" value="Calculate Tip" onclick="calculateTip()"><br><br>
59
60     <div id="tipAmount"></div>
61     <div id="totalAmount"></div>
62 </div>
63
64 <script>
65     function calculateTip() {
66         var billAmount = parseFloat(document.getElementById('billAmount').value);
67         var tipPercentage = parseFloat(document.getElementById('tipPercentage').value);
68
69         var tipAmount = (billAmount * (tipPercentage / 100)).toFixed(2);
70         var totalAmount = (billAmount + parseFloat(tipAmount)).toFixed(2);
71
72         document.getElementById('tipAmount').innerHTML = "TIP AMOUNT: $" + tipAmount;
73         document.getElementById('totalAmount').innerHTML = "TOTAL AMOUNT: $" + totalAmount;
74     }
75 </script>
76 </body>
77 </html>
```