

Assignment 2

- Q.1] Create a simple calculator application that can perform basic arithmetic operations such as addition, subtraction, multiplication, and division. The Application should have input fields for users to enter two numbers and buttons for each operation. When the user clicks on the operation button, display the result of the operation.

<style>

body {

font-family: Arial, sans-serif;

{

.calculator {

max-width: 300px;

margin: 50px auto;

padding: 10px;

border: 1px solid #ccc;

border-radius: 5px;

cursor: pointer;

{

</style>

<body>

<div class="calculator">

<div class="input-group">

<label for="num1">Number 1:</label>

<input type="number" id="num1">

</div>

<div class="input-group">

<label for="num2">Number 2:</label>

<input type="number" id="num2">

</div>

<div class="btn-group">


```
<button class="btn" onclick="add()">Addition(+)</button>
<button class="btn" onclick="subtract()">Subtraction(-)</button>
<button class="btn" onclick="multiply()">Multiplication(*)</button>
<button class="btn" onclick="divide()">Division(/)</button>
</div>
<script>
function add() {
  const num1 = parseFloat(document.getElementById('num1')
    value);
  const num2 = parseFloat(document.getElementById('num2')
    value);
  const result = num1 + num2;
  document.getElementById('result').textContent = 'Result: '
    + result;
}
function divide() {
  const num1 = parseFloat(document.getElementById('num1')value);
  const num2 = parseFloat(document.getElementById('num2')value);
  if (num2 !== 0) {
    const result = num1 / num2;
    document.getElementById('result').textContent = 'Result: '
      + result;
  } else {
    document.getElementById('result').textContent = 'Error!
    Division by zero!';
  }
}
</script>
</body>
```