<!DOCTYPE html>

<html lang="en">

<head>

  <meta charset="UTF-8">

  <title>Calculator with Output</title>

  <style>

    body {

      font-family: Arial, sans-serif;

      text-align: center;

      margin-top: 50px;

    }

    .calculator {

      display: inline-block;

      border: 2px solid #333;

      padding: 20px;

      border-radius: 10px;

    }

    input[type="text"] {

      width: 220px;

      height: 40px;

      font-size: 20px;

      margin-bottom: 10px;

      text-align: right;

      padding-right: 10px;

    }

    .buttons button {

      width: 50px;

      height: 50px;

      font-size: 18px;

      margin: 5px;

      cursor: pointer;

    }

    .output {

      margin-top: 20px;

      font-size: 22px;

      font-weight: bold;

    }

  </style>

</head>

<body>

  <div class="calculator">

    <input type="text" id="display" disabled>

    <div class="buttons">

      <button onclick="press('7')">7</button>

      <button onclick="press('8')">8</button>

      <button onclick="press('9')">9</button>

      <button onclick="press('/')">/</button><br>

      <button onclick="press('4')">4</button>

      <button onclick="press('5')">5</button>

      <button onclick="press('6')">6</button>

      <button onclick="press('')"></button><br>

      <button onclick="press('1')">1</button>

      <button onclick="press('2')">2</button>

      <button onclick="press('3')">3</button>

      <button onclick="press('-')">-</button><br>

      <button onclick="press('0')">0</button>

      <button onclick="press('.')">.</button>

      <button onclick="calculate()">=</button>

      <button onclick="press('+')">+</button><br>

      <button onclick="clearDisplay()" style="width: 220px;">C</button>

    </div>

    <div class="output" id="resultOutput"></div>

  </div>

  <script>

    function press(val) {

      document.getElementById("display").value += val;

      document.getElementById("resultOutput").textContent = "";

    }

    function calculate() {

      try {

        let result = eval(document.getElementById("display").value);

        document.getElementById("display").value = result;

      } catch {

        document.getElementById("display").value = "Error";

        document.getElementById("resultOutput").textContent = "Error in expression";

      }

    }

  </script>

</body>

</html>

