<!DOCTYPE html>

<html lang="en">

<head>

  <meta charset="UTF-8">

  <title>Math Expression Solver</title>

  <style>

    body {

      font-family: Arial, sans-serif;

      background: #f0f4f8;

      text-align: center;

      padding-top: 100px;

    }

    input, button {

      padding: 10px;

      margin: 10px;

      font-size: 16px;

    }

    .result {

      font-size: 20px;

      color: green;

      margin-top: 20px;

    }

  </style>

</head>

<body>

  <h1>🧮 Math Expression Solver</h1>

  <p>Enter any valid math expression like:</p>

  <p><code>2 + 3 \* (4 - 1)</code> or <code>Math.sqrt(16)</code> or <code>Math.sin(Math.PI / 2)</code></p>

  <input type="text" id="expression" placeholder="Enter expression here">

  <button onclick="solveExpression()">Solve</button>

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

  <script>

    function solveExpression() {

      const expression = document.getElementById('expression').value;

      try {

        const result = eval(expression);

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

      } catch (error) {

        document.getElementById('output').innerText = `Error: Invalid Expression`;

      }

    }

  </script>

</body>

</html>



