

TASK 1: CALCULATOR

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CODE:

```
<!DOCTYPE html>
<html>
<head>
  <title>Basic Calculator</title>
  <style>
    body {
      font-family: Arial, sans-serif;
    }
    .calculator {
      width: 350px;
      margin: 0 auto;
      padding: 10px;
      border: 1px solid #070707;
      border-radius: 5px;
      box-shadow: 0px 0px 10px #1f1c1c;
    }
    .display {
      width: 100%;
      height: 50px;
      font-size: 30px;
      text-align: right;
      margin-bottom: 10px;
      padding: 5px;
    }

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    .buttons {
      display: grid;
      grid-template-columns: repeat(4, 1fr);
      gap: 10px;
    }
    .button {
      width: 100%;
      height: 50px;
      font-size: 20px;
      border: 1px solid #fa0202;
      border-radius: 0px;
      cursor: pointer;
    }
    .button:hover {
      background-color: #f1f904;
    }
  </style>
</head>
<body>
  <div class="calculator">
    <div class="display" id="display">0</div>
    <div class="buttons">
      <div class="button" onclick="clearDisplay()">C</div>
      <div class="button" onclick="appendToDisplay('7')">7</div>
      <div class="button" onclick="appendToDisplay('8')">8</div>
      <div class="button" onclick="appendToDisplay('9')">9</div>
      <div class="button" onclick="appendToDisplay('4')">4</div>
      <div class="button" onclick="appendToDisplay('5')">5</div>
      <div class="button" onclick="appendToDisplay('6')">6</div>
      <div class="button" onclick="appendToDisplay('1')">1</div>
      <div class="button" onclick="appendToDisplay('2')">2</div>
      <div class="button" onclick="appendToDisplay('3')">3</div>
      <div class="button" onclick="appendToDisplay('0')">0</div>
      <div class="button" onclick="appendToDisplay('+')">+</div>
      <div class="button" onclick="appendToDisplay('-')">-</div>
      <div class="button" onclick="appendToDisplay('*')">*</div>
      <div class="button" onclick="appendToDisplay('/')">/</div>
      <div class="button" onclick="calculateResult()">=</div>
    </div>
  </div>

  <script>
    function appendToDisplay(value) {
      var display = document.getElementById('display');
      if (display.textContent === '0') {
        display.textContent = value;
      } else {
        display.textContent += value;
      }
    }
  </script>

```

```
    }  
  }  
  
  function clearDisplay() {  
    document.getElementById('display').textContent = '0';  
  }  
  
  function calculateResult() {  
    var display = document.getElementById('display');  
    try {  
      display.textContent = eval(display.textContent);  
    } catch (error) {  
      display.textContent = 'Error';  
    }  
  }  
}  
</script>  
</body>  
</html>
```

