

PROJECT 2

HTML CODE

```
<html>
<head>
<title>Basic Calculator</title>
<link rel="stylesheet" href="p3.css">
</head>
<body>
<div class="calculator">
<input type="text" id="display" disabled>
<div class="buttons">
<button onclick="appendToDisplay('7')">7</button>
<button onclick="appendToDisplay('8')">8</button>
<button onclick="appendToDisplay('9')">9</button>
<button onclick="appendToDisplay('+')">+</button>
<button onclick="appendToDisplay('4')">4</button>
<button onclick="appendToDisplay('5')">5</button>
<button onclick="appendToDisplay('6')">6</button>
<button onclick="appendToDisplay('-')">-</button>
<button onclick="appendToDisplay('1')">1</button>
<button onclick="appendToDisplay('2')">2</button>
<button onclick="appendToDisplay('3')">3</button>
<button onclick="appendToDisplay('*')">*</button>
<button onclick="appendToDisplay('0')">0</button>
<button onclick="appendToDisplay('.')">.</button>
<button onclick="clearDisplay()">C</button>
<button onclick="calculateResult()">=</button>
</div>
</div>
<script src="p3.js"></script>
</body>
</html>
```

CSS CODE

```
.calculator {
  width: 200px; /* Decreased width */
  margin: 50px auto;
  padding: 20px;
```

```

    border: 1px solid #ccc;
    border-radius: 5px;
    background-color: lightpurple;
}

input[type="text"] {
    width: calc(100% - 20px); /* Adjusted input width to accommodate padding */
    padding: 10px;
    margin-bottom: 10px;
}

.buttons {
    display: grid;
    grid-template-columns: repeat(4, 1fr);
    gap: 10px;
}

button {
    padding: 10px;
    font-size: 18px;
    background-color: lightpink;
}

```

JAVASCRIPT CODE

```

let display = document.getElementById('display');
function appendToDisplay(value) {
    display.value += value;
}
function clearDisplay() {
    display.value = "";
}
function calculateResult() {
    try {
        display.value = eval(display.value);
    } catch(error) {
        display.value = 'Error';
    }
}

```