<!DOCTYPE html>

<html lang="id">

<head>

    <meta charset="UTF-8">

    <meta name="viewport" content="width=device-width, initial-scale=1.0">

    <title>Kalkulator Azzalizza23</title>

    <link rel="icon" type="image/x-icon" href="calculator\_icon\_156719.ico">

    <link rel="stylesheet" href="style.css">

</head>

<body>

    <div class="container">

        <div class="calculator">

            <input type="text" class="screen" id="screen" readonly>

            <div class="buttons">

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

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

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

                <button class="operator" onclick="press('/')">/</button>

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

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

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

                <button class="operator" onclick="press('\*')">\*</button>

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

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

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

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

                <button class="command" onclick="press('(')">(</button>

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

                <button class="command" onclick="press(')')">)</button>

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

                <!-- New Buttons -->

                <button class="command" onclick="pressPercent()">%</button>

                <button class="command" onclick="pressComma()">,</button>

                <button class="command" onclick="clearAll()">AC</button>

                <button class="command" onclick="clearLast()">C</button>

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

            </div>

        </div>

        <div class="info-container">

            <div class="biodata">

                <h3>Biodata</h3>

                <p>Nama: Muliza Sri Rahayuning Tias</p>

                <p>Kelas: 12 RPL</p>

                <p>No Absen: 23</p>

            </div>

            <div class="history-container">

                <h3>Riwayat</h3>

                <div class="history" id="history"></div>

                <button class="clear-history" onclick="clearHistory()">🕒 Hapus Riwayat</button>

            </div>

        </div>

    </div>

    <script src="script.js"></script>

</body>

</html>

function press(value) {

    document.getElementById("screen").value += value;

}

function clearAll() {

    document.getElementById("screen").value = "";

}

function clearLast() {

    let screen = document.getElementById("screen");

    screen.value = screen.value.slice(0, -1);

}

function calculate() {

    let screen = document.getElementById("screen");

    let expression = screen.value;

    try {

        let result = eval(expression);

        screen.value = result;

        let historyElement = document.createElement("p");

        historyElement.textContent = `${expression} = ${result}`;

        historyElement.onclick = function () { this.remove(); };

        document.getElementById("history").appendChild(historyElement);

    } catch (error) {

        screen.value = "Error";

    }

}

function clearHistory() {

    document.getElementById("history").innerHTML = "";

}

// Percent button function

function pressPercent() {

    let screen = document.getElementById("screen");

    let value = screen.value;

    if (value) {

        screen.value = eval(value) / 100; // Calculate percentage

    }

}

// Comma button function

function pressComma() {

    let screen = document.getElementById("screen");

    let value = screen.value;

    if (!value.includes(',')) { // Prevent adding multiple commas

        screen.value += ',';

    }

}

body {

    display: flex;

    justify-content: center;

    align-items: center;

    height: 100vh;

    font-family: Arial, sans-serif;

    background-color: #eedbdb;

}

.container {

    display: flex;

    gap: 20px;

}

.calculator {

    width: 300px;

    padding: 35px;

    border-radius: 30px;

    background: rgba(135, 156, 226, 0.836);

    box-shadow: 0 6px 12px rgba(0, 0, 0, 0.2);

    text-align: center;

    font-weight: bold;

}

.screen {

    width: 80%;

    height: 50px;

    font-size: 30px;

    text-align: right;

    padding: 15px;

    border: none;

    background: #e4bdec;

    border-radius: 5px;

    margin-bottom: 15px;

}

.buttons {

    display: grid;

    grid-template-columns: repeat(4, 1fr);

    gap: 10px;

}

button {

    width: 79%;

    height: 55px;

    font-size: 22px;

    border: none;

    border-radius: 40px;

    cursor: pointer;

}

.number { background: rgb(224, 103, 150); }

.command { background: lightblue; }

.operator { background: rgb(238, 148, 238); }

.info-container {

    display: flex;

    flex-direction: column;

    gap: 15px;

}

.biodata {

    width: 250px;

    padding: 20px;

    background: pink;

    border-radius: 10px;

    box-shadow: 0 4px 8px rgba(0, 0, 0, 0.2);

}

.history-container {

    width: 250px;

    padding: 20px;

    background: plum;

    border-radius: 10px;

    box-shadow: 0 4px 8px rgba(0, 0, 0, 0.2);

}

.history {

    max-height: 300px;

    overflow-y: auto;

    font-size: 14px;

}

.clear-history {

    background: rgb(202, 128, 128);

    color: white;

    border: none;

    padding: 10px;

    width: 100%;

    border-radius: 5px;

    cursor: pointer;

}