<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

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

<title>CyberCalc Pro - Ultimate Calculator</title>

<style>

\* {

margin: 0;

padding: 0;

box-sizing: border-box;

font-family: 'Segoe UI', sans-serif;

}

body {

background: linear-gradient(45deg, #1a1a1a, #2d2d2d);

min-height: 100vh;

display: flex;

justify-content: center;

align-items: center;

color: #fff;

}

.calculator {

background: rgba(0, 0, 0, 0.8);

padding: 20px;

border-radius: 20px;

box-shadow: 0 0 50px rgba(0, 255, 200, 0.3);

border: 2px solid #00ffc8;

width: 400px;

backdrop-filter: blur(10px);

margin-bottom: 240px;

}

.display {

background: #001f1a;

padding: 20px;

border-radius: 10px;

margin-bottom: 20px;

text-align: right;

font-size: 2.5em;

min-height: 100px;

word-wrap: break-word;

border: 2px solid #00ffc8;

text-shadow: 0 0 10px #00ffc8;

}

.buttons {

display: grid;

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

gap: 10px;

}

button {

padding: 20px;

font-size: 1.2em;

border: none;

border-radius: 10px;

cursor: pointer;

transition: all 0.3s ease;

background: rgba(255, 255, 255, 0.1);

color: #fff;

}

button:hover {

background: rgba(0, 255, 200, 0.3);

transform: scale(1.05);

box-shadow: 0 0 15px #00ffc8;

}

.operator {

background: rgba(0, 255, 200, 0.2);

}

.equals {

background: #00ffc8;

color: #000;

}

.scientific {

grid-column: span 2;

background: rgba(255, 0, 200, 0.2);

}

.theme-toggle {

position: fixed;

top: 20px;

right: 20px;

padding: 10px 20px;

background: #00ffc8;

color: #000;

border: none;

border-radius: 5px;

cursor: pointer;

}

.history-panel {

position: fixed;

right: 20px;

bottom: 20px;

background: rgba(0, 0, 0, 0.8);

padding: 10px;

border-radius: 10px;

width: 200px;

max-height: 150px;

overflow-y: auto;

border: 2px solid #00ffc8;

z-index: 1000;

}

#history-list {

font-size: 0.8em;

}

#history-list div {

margin: 5px 0;

padding: 3px;

border-bottom: 1px solid #00ffc855;

line-height: 1.2;

white-space: nowrap;

overflow: hidden;

text-overflow: ellipsis;

}

.history-panel h3 {

margin-bottom: 8px;

font-size: 1em;

}

</style>

</head>

<body>

<button class="theme-toggle" onclick="toggleTheme()">Cyber Theme</button>

<div class="calculator">

<div class="display" id="display">0</div>

<div class="buttons">

<button class="scientific" onclick="addOperation('sin(')">sin</button>

<button class="scientific" onclick="addOperation('cos(')">cos</button>

<button class="scientific" onclick="addOperation('tan(')">tan</button>

<button class="scientific" onclick="addOperation('log(')">log</button>

<button class="operator" onclick="clearDisplay()">C</button>

<button class="operator" onclick="backspace()">⌫</button>

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

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

<button onclick="addNumber(7)">7</button>

<button onclick="addNumber(8)">8</button>

<button onclick="addNumber(9)">9</button>

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

<button onclick="addNumber(4)">4</button>

<button onclick="addNumber(5)">5</button>

<button onclick="addNumber(6)">6</button>

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

<button onclick="addNumber(1)">1</button>

<button onclick="addNumber(2)">2</button>

<button onclick="addNumber(3)">3</button>

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

<button onclick="addNumber(0)">0</button>

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

<button class="scientific" onclick="addOperation('√(')">√</button>

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

</div>

</div>

<div class="history-panel" id="history">

<h3>History</h3>

<div id="history-list"></div>

</div>

<script>

let display = document.getElementById('display');

let currentTheme = 'dark';

let history = JSON.parse(localStorage.getItem('calcHistory')) || [];

function updateDisplay(value) {

display.textContent = value;

}

function addNumber(num) {

if(display.textContent === '0') {

updateDisplay(num);

} else {

updateDisplay(display.textContent + num);

}

}

function addOperation(op) {

updateDisplay(display.textContent + op);

}

function clearDisplay() {

updateDisplay('0');

}

function backspace() {

updateDisplay(display.textContent.slice(0, -1) || '0');

}

function calculate() {

try {

let expression = display.textContent

.replace(/√/g, 'Math.sqrt')

.replace(/sin/g, 'Math.sin')

.replace(/cos/g, 'Math.cos')

.replace(/tan/g, 'Math.tan')

.replace(/log/g, 'Math.log10');

let result = eval(expression);

history.push(`${expression} = ${result}`);

localStorage.setItem('calcHistory', JSON.stringify(history));

updateDisplay(result);

updateHistory();

} catch (error) {

updateDisplay('Error');

setTimeout(clearDisplay, 1000);

}

}

function toggleTheme() {

const body = document.body;

const calculator = document.querySelector('.calculator');

if(currentTheme === 'dark') {

body.style.background = 'linear-gradient(45deg, #f0f0f0, #ffffff)';

calculator.style.background = 'rgba(255, 255, 255, 0.9)';

calculator.style.boxShadow = '0 0 50px rgba(0, 150, 255, 0.3)';

calculator.style.borderColor = '#0096ff';

currentTheme = 'light';

} else {

body.style.background = 'linear-gradient(45deg, #1a1a1a, #2d2d2d)';

calculator.style.background = 'rgba(0, 0, 0, 0.8)';

calculator.style.boxShadow = '0 0 50px rgba(0, 255, 200, 0.3)';

calculator.style.borderColor = '#00ffc8';

currentTheme = 'dark';

}

}

function updateHistory() {

const historyList = document.getElementById('history-list');

historyList.innerHTML = history.reverse().map(entry =>

`<div>${entry}</div>`

).join('');

}

updateHistory();

</script>

</body>

</html>