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Roll N0 : 266 Practical : 03

<!DOCTYPE html>

<html>

<head>

<title>Calculator</title>

<style>

body {

font-family: Arial, sans-serif;

display: flex;

justify-content: center;

align-items: flex-start;

height: 100vh;

margin: 0;

background-color: #f4f4f4;

}

.calculator {

margin-top: 80px;

border: 2px solid #8f4242;

border-radius: 10px;

padding: 20px;

background-color: white;

text-align: center;

}

h2 {

margin-top: 0;

margin-bottom: 20px;

}

#display {

width: 100%;

height: 50px;

margin-bottom: 10px;

font-size: 24px;

text-align: right;

padding: 5px;

box-sizing: border-box;

}

table {

width: 100%;

border-collapse: collapse;

}

td {

padding: 5px;

}

button {

width: 100%;

height: 60px;

font-size: 18px;

border: none;

border-radius: 5px;

background-color: #e0e0e0;

}

button:hover {

background-color: #d0d0d0;

}

.operator {

background-color: #e99313;

color: rgb(53, 16, 141);

}

.operator:hover {

background-color: #f0eae2;

}

.equals {

background-color: #32be16;

color: white;

}

.equals:hover {

background-color: #45a049;

}

.clear {

background-color: #f44336;

color: white;

}

.clear:hover {

background-color: #d32f2f;

}

</style>

</head>

<body>

<div class="calculator">

<h2>Calculator</h2>

<input type="text" id="display" readonly>

<table>

<tr>

<td><button onclick="appendToDisplay('7')">7</button></td>

<td><button onclick="appendToDisplay('8')">8</button></td>

<td><button onclick="appendToDisplay('9')">9</button></td>

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

</tr>

<tr>

<td><button onclick="appendToDisplay('4')">4</button></td>

<td><button onclick="appendToDisplay('5')">5</button></td>

<td><button onclick="appendToDisplay('6')">6</button></td>

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

</tr>

<tr>

<td><button onclick="appendToDisplay('1')">1</button></td>

<td><button onclick="appendToDisplay('2')">2</button></td>

<td><button onclick="appendToDisplay('3')">3</button></td>

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

</tr>

<tr>

<td><button onclick="appendToDisplay('0')">0</button></td>

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

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

<td><button onclick="appendToDisplay('/')" class="operator">÷</button></td>

</tr>

</table>

</div>

<script>

var currentInput = '';

function appendToDisplay(value) {

currentInput += value;

document.getElementById('display').value = currentInput;

}

function clearDisplay() {

currentInput = '';

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

}

function calculate() {

const result = eval(currentInput);

document.getElementById('display').value = result;

currentInput = result.toString();

}

</script>

</body>

</html>



