<!DOCTYPE html>

<!-- Coding By CodingNepal - codingnepalweb.com -->

<html lang="en">

  <head>

    <meta charset="UTF-8" />

    <meta http-equiv="X-UA-Compatible" content="IE=edge" />

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

    <title>Calculator in HTML CSS & JavaScript</title>

  </head>

  <style>

    /\* Import Google font - Poppins \*/

@import url("https://fonts.googleapis.com/css2?family=Poppins:wght@300;400;500;600;700&display=swap");

\* {

  margin: 0;

  padding: 0;

  box-sizing: border-box;

  font-family: "Poppins", sans-serif;

}

body {

  height: 100vh;

  display: flex;

  align-items: center;

  justify-content: center;

  background: #e0e3eb;

}

.container {

  position: relative;

  max-width: 300px;

  width: 100%;

  border-radius: 12px;

  padding: 10px 20px 20px;

  background: #fff;

  box-shadow: 0 5px 10px rgba(0, 0, 0, 0.05);

}

.display {

  height: 80px;

  width: 100%;

  outline: none;

  border: none;

  text-align: right;

  margin-bottom: 10px;

  font-size: 25px;

  color: #000e1a;

  pointer-events: none;

}

.buttons {

  display: grid;

  grid-gap: 10px;

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

}

.buttons button {

  padding: 10px;

  border-radius: 6px;

  border: none;

  font-size: 20px;

  cursor: pointer;

  background-color: #eee;

}

.buttons button:active {

  transform: scale(0.99);

}

.operator {

  color: #9d00ff;

}

  </style>

  <body>

    <div class="container">

      <input type="text" class="display" />

      <div class="buttons">

        <button class="operator" data-value="AC">AC</button>

        <button class="operator" data-value="DEL">DEL</button>

        <button class="operator" data-value="%">%</button>

        <button class="operator" data-value="/">/</button>

        <button data-value="7">7</button>

        <button data-value="8">8</button>

        <button data-value="9">9</button>

        <button class="operator" data-value="\*">\*</button>

        <button data-value="4">4</button>

        <button data-value="5">5</button>

        <button data-value="6">6</button>

        <button class="operator" data-value="-">-</button>

        <button data-value="1">1</button>

        <button data-value="2">2</button>

        <button data-value="3">3</button>

        <button class="operator" data-value="+">+</button>

        <button data-value="0">0</button>

        <button data-value="00">00</button>

        <button data-value=".">.</button>

        <button class="operator" data-value="=">=</button>

      </div>

    </div>

    <script>

      const display = document.querySelector(".display");

const buttons = document.querySelectorAll("button");

const specialChars = ["%", "\*", "/", "-", "+", "="];

let output = "";

//Define function to calculate based on button clicked.

const calculate = (btnValue) => {

  display.focus();

  if (btnValue === "=" && output !== "") {

    //If output has '%', replace with '/100' before evaluating.

    output = eval(output.replace("%", "/100"));

  } else if (btnValue === "AC") {

    output = "";

  } else if (btnValue === "DEL") {

    //If DEL button is clicked, remove the last character from the output.

    output = output.toString().slice(0, -1);

  } else {

    //If output is empty and button is specialChars then return

    if (output === "" && specialChars.includes(btnValue)) return;

    output += btnValue;

  }

  display.value = output;

};

//Add event listener to buttons, call calculate() on click.

buttons.forEach((button) => {

  //Button click listener calls calculate() with dataset value as argument.

  button.addEventListener("click", (e) => calculate(e.target.dataset.value));

});

    </script>

  </body>

</html>