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o assignment8.html > html
  1 <!DOCTYPE html>
      <html lang="en">
          <title>Simple Calculator</title>
              body {
                  font-family: Arial, sans-serif;
                  display: flex;
                  justify-content: center;
                  align-items: center;
                  height: 100vh;
                  background-color: #f4f4f4;
                  margin: 0;
              .calculator {
                  width: 320px;
                  padding: 20px;
                  background-color: #fff;
                  box-shadow: 0 0 10px □rgba(0, 0, 0, .1);
                  border-radius: 10px;
              #display {
                  width: 100%;
                  height: 50px;
                  margin-bottom: 10px;
                  font-size: 24px;
                  text-align: right;
                  padding-right: 10px;
                  box-sizing: border-box;
              .buttons {
                  display: grid;
                  grid-template-columns: repeat(4, 1fr);
                  gap: 10px;
              button {
                  padding: 20px;
                  font-size: 20px;
                  background-color: ■#f0f0f0;
                  border: none;
                  cursor: pointer;
                  border-radius: 5px;
                  transition: background-color 0.3s ease;
                                                                                                                                   Click to close se
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<html lang="en">
             button {
                 cursor: pointer;
                 border-radius: 5px;
                 transition: background-color 0.3s ease;
             button:hover {
                 background-color: ■#ddd;
      <body>
          <div class="calculator">
              <input type="text" id="display" disabled>
              <div class="buttons">
                 <button onclick="clearDisplay()">C</button>
                 <button onclick="deleteLast()">DEL</button>
                 <button onclick="appendToDisplay('%')">%</button>
                 <button onclick="appendToDisplay('/')">/</button>
                 <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="calculateResult()">=</button>
          <script>
             const display = document.getElementById("display");
              function clearDisplay() {
                 display.value = "";
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     <html lang="en">
          <div class="calculator">
              <div class="buttons">
                 <putton onciick= calculateresuit() >=</putton>
              const display = document.getElementById("display");
              function clearDisplay() {
                  display.value = "";
              function deleteLast() {
                  display.value = display.value.slice(0, -1);
              function appendToDisplay(value) {
                  if (display.value.replace(/[^\d]/g, "").length >= 4 && !isOperator(value)) {
                      alert("The calculator does not accept more than four digits.");
                      return;
                  if (!isValidInput(value)) {
                      alert("Invalid input. Only numbers and basic operators are allowed.");
                      return;
                  display.value += value;
              function isValidInput(value) {
                  const validCharacters = /^[0-9.+\-*/\%]$/;
                  return validCharacters.test(value);
              function isOperator(value) {
                  const operators = ['+', '-', '*', '/', '%'];
                  return operators.includes(value);
              function calculateResult() {
                  try {
                      if (display.value)
                          display.value = eval(display.value);
                                                                                               In 119, Col 8 Spaces: 4 UTF-8 CR
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```
<html lang="en">
          <script>
              function isValidInput(value) {
              function isOperator(value) {
                  const operators = ['+', '-', '*', '/', '%'];
                  return operators.includes(value);
              function calculateResult() {
                  try {
                     if (display.value) {
                          display.value = eval(display.value);
                   catch (error) {
                      alert("Invalid operation.");
          </script>
      </body>
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```