<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

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

<title>Simple Calculator</title>

<style>

body {

font-family: Arial, sans-serif;

text-align: center;

padding-top: 50px;

}

#calculatorForm {

margin: auto;

width: fit-content;

padding: 20px;

border-radius: 5px;

background-color: #f2f2f2;

box-shadow: 0 4px 8px rgba(0, 0, 0, 0.1);

}

input, select, button, #resultBox {

margin-top: 15px;

width: 250px;

padding: 15px;

border: 1px solid #ddd;

border-radius: 4px;

display: block;

margin-left: auto;

margin-right: auto;

font-size: 1.2em;

}

button {

color: white;

background-color: #4CAF50;

border: none;

cursor: pointer;

}

button:hover {

background-color: #45a049;

}

#resultBox {

background-color: #f9f9f9;

color: #333;

text-align: center;

border: 1px solid #ccc;

}

</style>

</head>

<body>

<h1>Simple Calculator</h1>

<form id="calculatorForm">

<input type="number" id="num1" placeholder="Number 1" required>

<select id="operation">

<option value="add">Add</option>

<option value="subtract">Subtract</option>

<option value="multiply">Multiply</option>

<option value="divide">Divide</option>

</select>

<input type="number" id="num2" placeholder="Number 2" required>

<button type="submit">Calculate</button>

</form>

<div id="resultBox"><span id="result"></span></div>

<script>

document.getElementById("calculatorForm").onsubmit = function(event) {

event.preventDefault();

var num1 = document.getElementById("num1").value;

var operation = document.getElementById("operation").value;

var num2 = document.getElementById("num2").value;

var apiUrl = '<https://vlnvyhvv63.execute-api.us-east-1.amazonaws.com/prod>/calculate'; // Replace <YOUR-API-ENDPOINT> with your API's invoke URL

var query = `?operation=${operation}&num1=${num1}&num2=${num2}`;

fetch(apiUrl + query)

.then(response => response.json())

.then(data => document.getElementById("result").innerText = data)

.catch(error => console.error('Error:', error));

};

</script>

</body>

</html>