document.addEventListener("DOMContentLoaded", function() {

const val1 = document.getElementById("input1");

const val2 = document.getElementById("input2");

const add = document.getElementById("sum");

const subtract = document.getElementById("subtract");

const multiply = document.getElementById("multiply");

const divide = document.getElementById("divide");

const result = document.getElementById("result");

add.addEventListener("click", function() {

let a = parseFloat(val1.value);

let b = parseFloat(val2.value);

let resp = a + b;

result.textContent = "result : " + resp;

});

subtract.addEventListener("click", function() {

let a = parseFloat(val1.value);

let b = parseFloat(val2.value);

let resp = a - b;

result.textContent = "result : " + resp;

});

multiply.addEventListener("click", function() {

let a = parseFloat(val1.value);

let b = parseFloat(val2.value);

let resp = a \* b;

result.textContent = "result : " + resp;

});

divide.addEventListener("click", function() {

let a = parseFloat(val1.value);

let b = parseFloat(val2.value);

if (b !== 0) {

let resp = a / b;

result.textContent = "result : " + resp;

} else {

result.textContent = "Division by zero error";

}

});

});

the expected output would be:

1. If the user enters two numbers and clicks on the "Add" button, it will display the sum of the two numbers.
2. If the user clicks on the "Subtract" button, it will display the result of subtracting the second number from the first.
3. If the user clicks on the "Multiply" button, it will display the product of the two numbers.
4. If the user clicks on the "Divide" button, it will display the result of dividing the first number by the second number.