// mathYourName.js

function addition(a, b) {

return a + b;

}

function subtraction(a, b) {

return a - b;

}

function multiplication(a, b) {

return a \* b;

}

function division(a, b) {

if (b === 0) {

return "Error: Division by zero is not allowed.";

}

return a / b;

}

function exponent(a, b) {

return Math.pow(a, b);

}

const operation = process.argv[2];

const num1 = parseInt(process.argv[3]);

const num2 = parseInt(process.argv[4]);

switch (operation) {

case "add":

console.log(`${num1} + ${num2} = ${addition(num1, num2)}`);

break;

case "subtract":

console.log(`${num1} - ${num2} = ${subtraction(num1, num2)}`);

break;

case "multiply":

console.log(`${num1} \* ${num2} = ${multiplication(num1, num2)}`);

break;

case "divide":

console.log(`${num1} / ${num2} = ${division(num1, num2)}`);

break;

case "exponent":

console.log(`${num1} ^ ${num2} = ${exponent(num1, num2)}`);

break;

default:

console.log("Invalid operation. Please use 'add', 'subtract', 'multiply', 'divide', or 'exponent'.");

}