**Part 1**

1.

/\*

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2.

const base = 5

const height = 10

const area = (base \* height) / 2

console.log(area)

4.

const num1 = 5

const num2 = 3

console.log('The sum of num1 and num2 is: ${num1 + num2}')

5.

const age = 29

const message = "My age is ' + age + ' years old"

console.log(message)

6.

const phrase = "In JavaScript, we use the backslash (\) to escape special characters."

console.log(phrase)

7.

const phrase2 = 'Einstein once said: "Life is like riding a bicycle. To keep your balance, you must keep moving."'

console.log(phrase2)

8.

const n1 = 15

const n2 = 10

const result = n1 >= n2

console.log(result)

9.

const num01 = 1

const num02 = 7

const condition1 = num01 > num02

const condition2 = num02 > 0

console.log(condition1 && condition2)

10.

const condition3 = num01 = num02

const condition4 = num02 < 10

console.log(condition3 && condition4)

**PART 2**

// Add the values from input fields

function add() {

/\* The expression below obtains the value from the input

element in the form with id attribute equals to operand1. \*/

let operand1 = document.querySelector("#operand1").value;

console.log(operand1);

let operand2 = document.querySelector("#operand2").value;

console.log(operand2);

/\* Note that the value is a string.

Thus, we need to convert the string value to a number to

perform arithmetic operations.

\*/

console.log(typeof operand1);

// The parseInt function converts a string containing a number into a number

operand1 = parseInt(operand1);

operand2 = parseInt(operand2);

console.log(typeof operand1);

/\* COMPLETE THIS FUNCTION \*/

let result = operand1 + operand2;

/\* The expression below updates the value of the input element in the form

with id attribute equals to result. \*/

document.querySelector("#result").value = result;

}

// Substract the values from input fields

function substract() {

/\* COMPLETE THIS FUNCTION \*/

}

// Multiply the values from input fields

function multiply() {

/\* COMPLETE THIS FUNCTION \*/

}

// Divide the values from input fields

function divide() {

/\* COMPLETE THIS FUNCTION \*/

}

// Clear input fields

function clearInput() {

document.querySelector("#operand1").value = "";

document.querySelector("#operand2").value = "";

document.querySelector("#result").value = "";

}