



### Instructions

- Browsing the **web** is **prohibited**.
- You should upload the work files (ZIP file) to the given drop box within 2 hours.
- Use proper **conventions** and **indentation** when writing the code
- Recommended editor is **VS Code**.
- Answer all questions

### Task 01 - save the file as task1.html

Display the output of the selected option in the display panel once the user clicks the OK button. (Marks 20)

BASIC CALCULATION USING JAVASCRIPT

Input 01

ADD

Input 02

SUBTRACT

Input 03

DIVIDE

MULTIPLY

Answer

OK

RESET

The operations are performed as follows:

Add :  $\text{input1} + \text{input2} + \text{input3}$

Sub :  $\text{input1} - \text{input2} - \text{input3}$

Mul :  $\text{input1} * \text{input2} * \text{input3}$

Div :  $\text{input1} / \text{input2}$

- a. If the user chooses div option disable input3 and once the user chooses another option enable it again. (Marks 10)

- b. If the user tries to divide a number by zero(0) display an alert with the text.  
“You can’tdivide by Zero” (Marks 10)
- c. Add a new button with the text clear, which resets the display value to 0, and  
reverts any color changes and values stored in variables. (Marks 10)

## Task 02 - save the file as task2.html

Get two numbers as input from the user. The loop should run from the first number to the Second number. And print the numbers and their total at the bottom once the loop exits. (you can use either while or For loop)

(Marks 30)

Ex: Enter the first No: 2

Enter the second number : 6

The output is:

2

3

4

5

6

Total : 20

- a. If the input is NOT a number, then a popup message should display “You must enter a valid number”. You can write the as a function and save as an external JS file called  
“Q2Function.js” (Marks 10)
- b. If the first number is bigger than the second number, then an alert should display saying  
“The first number should be smaller than the second number” and change the background  
to RED. (Marks 10)

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