**Simple Calculator**

## Introduction

You are required to create a simple calculator using HTML,CSS, JS that does the simple operation such as addition, subtraction, multiplication etc. the goal it to ensure that you can write a simple javascript program with help of HTML & CSS to implement a basic calculator.

## Housekeeping points

* This is a minimal example and may not follow some standard practices.
* We focus on the main flow, and not much error handling.
* To avoid handling command-line arguments, config file paths are hard-coded in the source files - not a general practice.

## Program Organization

You will be getting three empty files that will contain code for javascript, HTML & CSS. Please find the details of those files below:

* calculatorScript.js: This file will hold the logic to implement the functionality of the calculator. This will have implementation for all the above mentioned features and in case of invalid operation it should handle the case.
* Index.html: This file will contain the basic html implementation of the calculator. The designing of the calculator can happen based on the attached screenshot.
* Style.css: This will help our calculator interface look better. Use the attached image to improve the look and feel of the background of the interface.

## Problem statement

You are required to create a simple calculator using HTML,CSS, JS that does the following operations

1. **calculatorScript.js:** This file should have implementation of the following operation in it. Addition (+), Subtraction (-), Division (/), modulus (%), clear screen (C), clears a single element when entered for calculation (CE). Calculator must be able to handle undefined operations (eg 1/0 ...). You are free to use any font, size, background, color combination. Calculator must display error when input size / output size is greater than 9 digits.
2. **index.html:** Complete the html file to implement the front-end part of the calculator. Please refer to the **sample output** pdf file attached, to get the clear insight of the problem statement.
3. **style.css:** Complete the css file to beautify the written code and interface.

## Evaluation Rubric

### Total Project Points: **100**

* Basic compilation without errors (**10%**) : **10 Points**
* Correctness:

Correctness of implementation

* + - Problem statement - point 1 (**50%**) : **50 Points**
    - Problem statement - point 2 (**25%**) : **25 Points**
    - Problem statement - point 3 (**15%**) : **15 Points**

## Program Instructions

1. Please refer to the sample output pdf file attached, to get the clear insight of the problem statement.
2. There should be three separate files for js, html, and css code.
3. All the source files must be present in the same folder.
4. Make sure that your code is running and giving the desired output for all the associated operations.