# WEB DEVELOPER TASK
## Calculator Task

**Problem statement**
- Create a calculator using DOM.
- Use Keyboard events only for numbers.
- When any keys pressed other than number keys show an alert warning "**Only numbers are allowed**".
- Add functions to perform addition, subtraction, division, multiplication and modulus.
- The calculator must handle infix expressions.
- Use DOM to create html elements
- For styles you can use css and bootstrap.
- UI should be responsive for all media screens.
- Include the test suite in your html file which is given below.
- Optional:
  - Implement calculator operations of (M+, M-, MC) memory based functionalities using the localstorage.

## How do I complete the task?

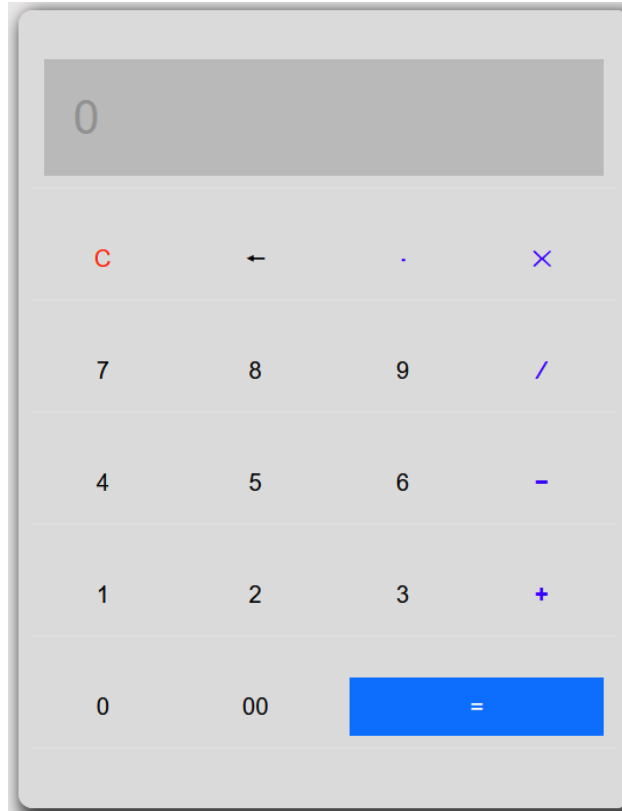### 1. How do I complete the design?
- Create a file with the extension of **.html**
- Use your own design to implement the Calculator task.
- All your code should be in **script.js** file, where it has to be included inside of your body element.
- An example Design given blow

### 2. Any specifications and constraints?
Front-End: **HTML, CSS, Bootstrap**

**Do's**:- Use DOM to create all your HTML elements.

**Don't**:- Don't use any deprecated tags.

### 3. How do I submit my work?

- Deploy your web application in Netlify (https://www.netlify.com).
- Add all your work files to GitHub(https://github.com/).
- Submit your urls in the portal(https://zen.guvi.in/)

### 4. Any basic hints to solve?

https://developer.mozilla.org/en-US/docs/Web/API/Document_Object_Model
https://developer.mozilla.org/en-US/docs/Web/CSS
https://www.w3.org/Style/CSS/Overview.en.html

### 5. How do I verify the criteria for the task by myself?

1. In your html file, inside the body tag add the following script tag.
   `<script src="https://app.zenclass.in/sheets/v1/js/zen/suite/bundle.js"></script>`
2. Select your project task(if available) as **DOM Calculator** from the drop down.
3. Click on the Run Test button to start the test case.
4. Below the Run test button you will see the test case result.
5. Click and open the test case result to see in detail.
6. Based on the test results you can make yourself corrections in your task.
7. Fix your mistakes/bugs in the code and repeat the above steps.

## 6. Terms and Conditions?
- You agree to not share this confidential document with anyone.
- You agree to open-source your code (it may even look good on your profile!). Do not mention our company's name anywhere in the code.
- We will never use your source code under any circumstances for any commercial purposes; this is just a basic assessment task.

**NOTE:** Any violation of Terms and conditions is strictly prohibited. You are bound to adhere to it.