CREATE A FORM THAT CALCULATES THE SUM OF 2 NUMBERS (FRONT END)

In this exercise, you will need to create two HTML forms where the users can enter two numbers and submit the form to a backend server. If the request is successful, the server will respond with an HTML page containing the value of the two numbers along with their sum (total).

PREREQUISITES

- You must have Node JS installed
- You must have npm version 5.2.0 or greater (npm comes bundled with Node. JS, you don't need to
 install it separately)
 - Check the npm version by running:

npm --version

INSTRUCTIONS

- 1. Download and unzip the exercise material from the following URL: https://courses.socialhackersacademy.org/wp-content/uploads/calculator-form-exercise.zip
- 2. Open VSCode, then open a new file (File > New File) and select File > Add Folder to Workspace choosing the folder containing the exercise material.
- 3. Once you have your Workspace set up, open the terminal, ensure that it is pointing to the current folder (the one containing the exercise contents and specifically the calculator-server js file) and execute the following command:

npx nodemon calculator-server.js

You can always stop the server by pressing Ctrl + C on the terminal running the above command.

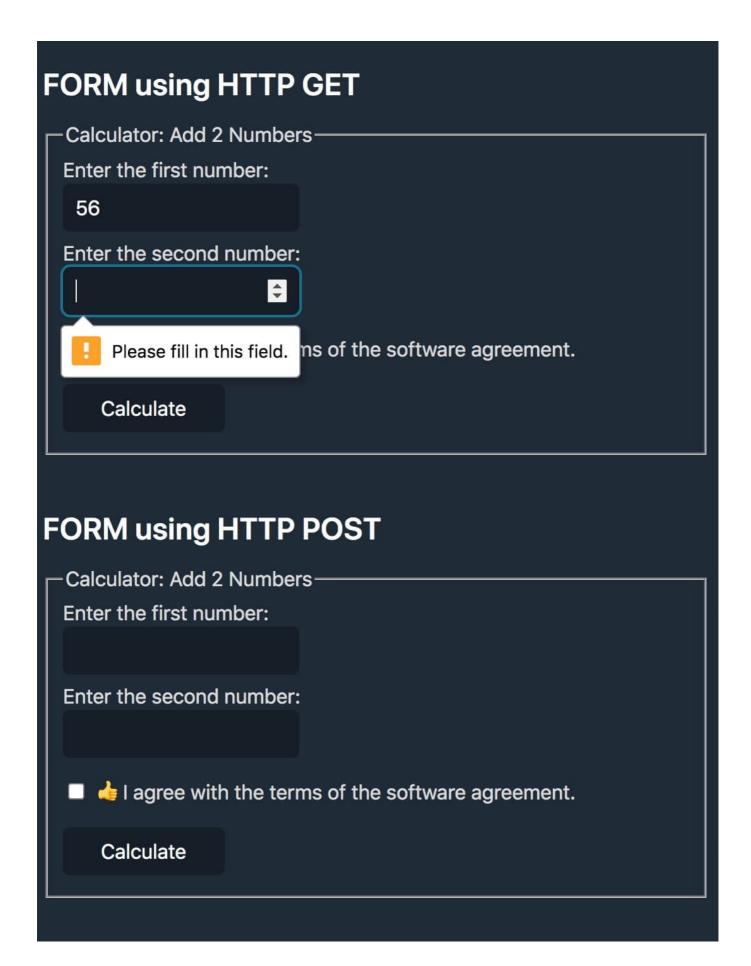
- 4. After running the command, you should be seeing the message SERVER LISTENING AT PORT 8080 on your terminal
- 5. Open the file calculator—form.html in VSCode and add the required code in order for the following requirements to be met:
- 5.1) The HTML page must include a link to the following CSS file (served from a CDN) so that our page is styled according to a nice dark theme:

https://cdn.jsdelivr.net/gh/kognise/water.css@latest/dist/dark.min.css

- 5.2) Make sure that the two forms point to (submit their content to) the local server's address: http://127.0.0.1:8080
- 5.3) Make sure that the first form is using the HTTP GET method to submit its content to the server and the 2nd one is using the HTTP POST method.
- 5.4) Each form must contain 3 input fields. Two numeric fields for entering the first and second number for calculating the sum (these input fields must not accept negative numbers), and a third checkbox input field which the users must check in order to accept the software terms (see screenshot below). All 3 fields are required before submitting the form.

IMPORTANT: The server requires that the two accepted input values (remember the ? key=value&key=value pattern?) use the following key names:

number_a and number_b



- 5.5) All input fields must be accompanied by their respective labels.
- 5.6) Visit the following tweet and style the checkbox input fields accordingly (see screenshot). You can pick an appropriate emoji character from this list: https://www.iemoji.com/emoji-cheat-sheet/smileys-people

https://twitter.com/sulco/status/1311283794817802247

5.7) When both forms are submitted, a web page showing the submitted values and their sum should be displayed on the web page (see screenshot).

5.8) Run your HTML code through the following services and ensure that no errors or warnings are present:

Web Accessibility Checker

W3C Validator

Make sure that your web page looks as close as possible to the screenshots!