

## Thought Note

In this HTML document I created a simple web page that features a JavaScript calculator. Below are the thoughts note related to my code:

1. It's a simple calculator made by me for simple calculation, and I have included Bootstrap CSS for styling.
2. **Page Title**: The page title is set to "JavaScript Calculator" using the `<title>` element, which appears in the browser's title bar or tab.
3. **Styling with Bootstrap**: here I uses Bootstrap, a popular CSS framework, to style elements. This provides a clean and responsive design, making it suitable for various screen sizes.
4. **Calculator Form**:

The main content of the page is a calculator form.

It's structured using a series of Bootstrap classes to create a responsive and centered layout.

The form includes input fields for two numbers, and a third input as a select dropdown to choose an operator, a submit button, and a read-only input field for displaying the result.

## **5. JavaScript Functions:**

Two JavaScript functions are defined within the `<script>` section.

- “calculator1()”: This function calculates the result based on the selected operator (+, -, \*, or /) and the two input numbers. It then displays the result in the output field. It also handles the case of division by zero.
- “clearanswer()”: This function clears the result when the input fields are modified, ensuring a clean interface for users to enter new calculations.

## **6. Event Handling:**

The `onsubmit`, `onchange`, and `onkeyup` attributes are used to handle user interactions with the form elements and trigger the JavaScript functions.

## **7. Bootstrap JavaScript:**

The page also includes the Bootstrap JavaScript bundle, which may be necessary for certain Bootstrap features and components.

Overall, this code demonstrates a simple yet functional JavaScript calculator in a well-structured HTML document with Bootstrap styling.

It's a great example of how HTML, CSS, and JavaScript can be used together to create interactive web applications.