CALCULATOR REPORT

INTRODUCTION

This report is about the approach to creating a calculator using HTML and CSS. The calculator will have a simple user interface with functionality to perform basic arithmetic operations such as addition, subtraction, multiplication, and division. This report will be on which elements have been used in HTML for calculator layout and styling it with CSS to make it visually appealing.

HTML STRUCTURE

The calculator will have a display area to show the results and buttons for digits (0-9), operations (+, -, *, /), and control buttons like clear, delete and equals. I have used "div" element to create the structure.

- Create <form> element. Inside that we can edit the calculator by using .
- I have used <input type="button"> to show the digits, operations and control buttons. And an onclick event to display the functionality of the button.

- For DE (DELETE) button to delete only one digit, Use onclick=" display.value= display.value.toString().slice(0,-1)" where it will erase the last digit only.

- For Equal operator use onclick="display.value= eval(display.value) for evaluating answer to the given problem.

- For remaining digits and operations use onclick="display.value += 'value' ".

- Add class="operator" to control buttons and operations.

CSS STYLING

We will use CSS to style calculator, ensuring it has a clear layout and is visually appealing. I have also included responsive design principles to ensure it works well on different screen sizes.

1. To style .container , I have added background, display, align-items to make sure that calculator is in center of the screen, width and height.

2. To style .calculator add the color of calculator by using background and for space between borders and text we will use padding.

3. For .calculator form input we can adjust width, height, border-radius, box-shadow for button to appear classic, font-size, color, cusor to point the buttons, and margin to give it a overview look.

4. For form .display input to show the result we can choose whether the answer should display on right or left by using text-align and font-size.

5. To show the operators more effectively we can change the color of them by using color.

CONCLUSION

By combining HTML for structure and CSS for styling, we have created a simple, functional, and visually appealing calculator. This approach ensures that the calculator is user-friendly and responsive across different devices. For functionality we have used a little javascript to handle calculator's logic and operations. Thankyou.