

File To Create: *Tasks \ calculator.html*

Required Tasks (in this order):

1. Write four functions in the same style as `add(x,y)`:
 - `subtract(x,y)`, `multiply(x,y)`, `divide(x,y)`, `exponentiate(x,y)`
 - Include appropriate comments (documentation) for each function
2. Finish writing the decision (if, else-if) statement inside of the function `calculate()`.
 - The website should behave like a functional calculator for addition, subtraction, multiplication, division, and exponentiation
 - Check for improper values! Alert a message if appropriate values are not entered.
3. Implement the code for the “Clear” button.
 - In order for this to work, you will need to set the value of output to an empty string, `""`, then display the new value of output
 - You will need to add the event handler `onClick="clearHistory()"` inside of the HTML tag `<input type="button" value="Clear">`

Enhancements (your teacher will determine which of these are required and which are optional):

1. Look between the `<style>` tags near the top of the document. Change the following to your personal tastes:
 - Change the color and thickness of the border around the page
 - Change the background-color by adjusting the `rgb`-value specified
2. Change the image displayed on the webpage by modifying the tag ``
 - The new image you select should have a different file name than `calculator.jpg`
 - The new image should be small (less than 400 pixels in both width and height)
3. Research and implement the `//` and `%` operations. Include comments describing what these operations should do.
4. Change the image displayed on the webpage each time a new operation is selected from the dropdown menu and the “Calculate” button is pressed.