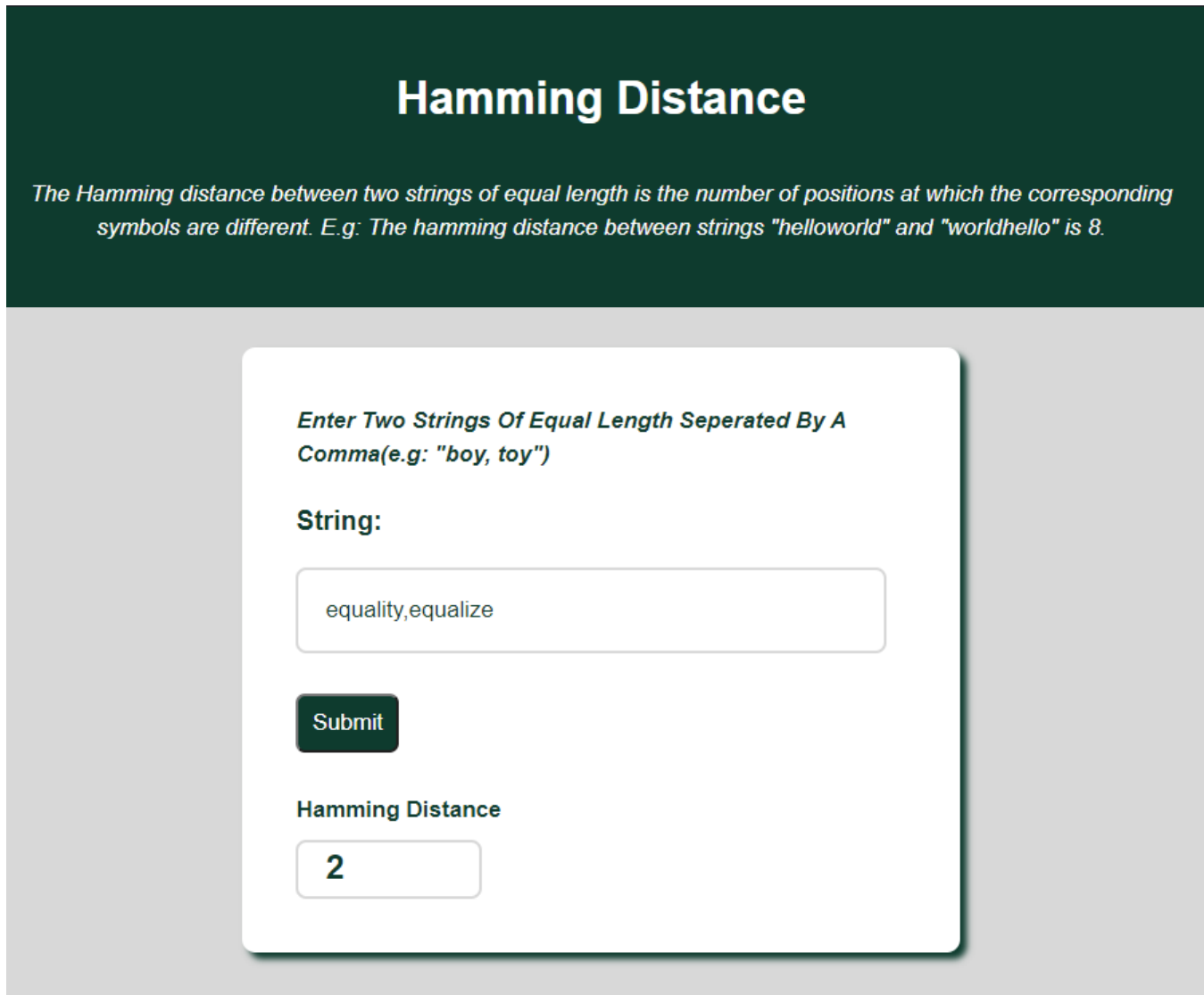


In today's CC, you need to find out the hamming distance between two equal length strings. The strings will be entered by the user and the program should show the hamming distance for the two strings.

Also, add validations accordingly for the input.



The screenshot shows a web application with a dark green header. The title 'Hamming Distance' is centered in white. Below the title, a paragraph explains the concept: 'The Hamming distance between two strings of equal length is the number of positions at which the corresponding symbols are different. E.g: The hamming distance between strings "helloworld" and "worldhello" is 8.' The main content area is light gray and contains a white rounded rectangle with a dark green shadow. Inside this rectangle, the instruction 'Enter Two Strings Of Equal Length Seperated By A Comma(e.g: "boy, toy")' is shown. Below it is a label 'String:' followed by a text input field containing 'equality,equalize'. A dark green 'Submit' button is positioned below the input field. At the bottom of the rounded rectangle, the label 'Hamming Distance' is followed by a text input field containing the number '2'.

[Click Here for GIF](#)

Note:

- No embedded JavaScript. Your JavaScript code should be written in a .js file and should be linked accordingly.
- You can design the UI in any way you like.
- Also focus on code readability and proper approach along with usage of ES6 wherever possible.