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***Note:*** This assignment builds understanding of following topics in JavaScript:

1. DOM properties and methods
2. Manipulating HTML, CSS classes, inline CSS, and attributes
3. Event handling
4. Create an HTML page with an input text element and a button. Have the text typed inside the input element shown in an alert dialog when the user clicks on the button.
5. Create an HTML page with a div with a few links inside it along with other types of elements. Now select the div element. Have the number of anchor tag children within it displayed in the console.
6. Create an HTML page with three paragraphs. Using JavaScript set the id of each to para-1, para-2 and para-3 – do so using a loop and not through individual statements. Also assign a title for the first one – say 'Introduction'. Now get the title attribute of the second paragraph and log it in the console. After 10 seconds of page load, remove the title attribute.
7. Create an HTML page with three paragraphs. Create CSS classes olive, crimson and purple that simply assign corresponding colors to the elements on which they are applied. Now assign each of the paragraphs a different class (use classList.add()).
8. Create an HTML page with a paragraph, a textarea element and a button. When the user types something within the textarea and clicks the button, the paragraph is populated with the text the user typed.
9. Create an HTML page with a link. Use JavaScript to have the color of the link change every 2 seconds (you may store the names of colors to be applied in an array and then cycle through the array items).