BOM

➢ Use various BOM objects and methods to interact with and manipulate the browser environment. This includes working with window, document, navigator, and location.

Steps:

1. **Display Browser Information**:
   o Use the navigator object to display information about the browser.
2. **Manipulate the DOM**:
   o Create a button that, when clicked, updates the content of a \<div> element on the page.
3. **Work with location**:
   o Display the current URL of the page and change the URL to a new location.
4. **Handle Browser Events**:
   o Display an alert when the user resizes the browser window.

DOM :

➢ Use JavaScript to manipulate the DOM, handle events, and dynamically update the content of a webpage.

Steps:

1. **Create and Style Elements Dynamically**:
   o Create a new \<div> element and add some text content to it.
   o Append this \<div> to the body of the document.
   o Style the new \<div> with some CSS properties.
2. **Handle User Input**:
   o Create an input field and a button.
   o When the button is clicked, get the value from the input field and display it in a new \<div> element.
3. **Add Event Listeners**:
   o Add an event listener to a button that changes the background color of the page when clicked.
4. **Manipulate Existing Elements**:
   o Modify the text content of an existing \<h1> element.

➢ Use JavaScript to manipulate the DOM, handle events, and dynamically update the content of a webpage.

Steps:

1. **Create and Style Elements Dynamically**:
   o Create a new `<div>` element and add some text content to it.
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   o Style the new `<div>` with some CSS properties.
2. **Handle User Input**:
   o Create an input field and a button.
   o When the button is clicked, get the value from the input field and display it in a new `<div>` element.
3. **Add Event Listeners**:
   o Add an event listener to a button that changes the background color of the page when clicked.
4. **Manipulate Existing Elements**:
   o Modify the text content of an existing `<h1>` element.