

JavaScript DOM Practical Basic Exercises

Exercise 1: Change the Text of a Paragraph

Write a JavaScript function that changes the text inside a paragraph when a button is clicked.

- Use `getElementById` to target the paragraph element.
- Use the `innerHTML` property to modify the text.

Exercise 2: Change the Background Color of a Div

Write a JavaScript function that changes the background color of a `div` when a button is clicked.

- Use `getElementById` to select the `div`.
- Modify the `style.backgroundColor` property to change the color.

Exercise 3: Show and Hide a Paragraph

Write a JavaScript function that toggles between showing and hiding a paragraph.

- Use `getElementById` to access the paragraph.
- Modify the `style.display` property to `none` or `block`.

Exercise 4: Add a New List Item

Write a JavaScript function that adds a new item to an unordered list when a button is clicked.

- Use `createElement` to create a new `li` element.
- Use `appendChild` to add the new `li` to the list.

Exercise 5: Change Image Source

Write a JavaScript function to change the image source when a button is clicked.

- Use `getElementById` to target the image.
- Modify the `src` attribute to point to the new image.

Exercise 6: Count the Number of Paragraphs

Write a JavaScript function that counts the number of paragraph elements on the page and displays the count in an alert box.

- Use `getElementsByTagName` to get all `p` elements.
- Use the `length` property to get the count.

Exercise 7: Delete a List Item

Write a JavaScript function that deletes the last item from a list when a button is clicked.

- Use `removeChild` to remove the last list item from the unordered list.