

30_days_of_Javascript

Day 9: DOM Manipulation

Tasks/Activities:

Activity 1: Selecting and Manipulating Elements

- **Task 1:** Select an HTML element by its ID and change its text content.
- **Task 2:** Select an HTML element by its class and change its background color.

Activity 2: Creating and Appending Elements

- **Task 3:** Create a new **div** element with some text content and append it to the body.
- **Task :** Create a new **li** element and add it to an existing **ul** list.

Activity 3: Removing Elements

- **Task 5:** Select an HTML element and remove it from the DOM.
- **Task 6:** Remove the last child of a specific HTML element.

Activity 4: Modifying Attributes and Classes

- **Task 7:** Select an HTML element and change one of its attributes (e.g., **src** of an img tag).
- **Task 8:** Add and remove a CSS class to/from an HTML element.

Activity 5: Event Handling

- **Task 9:** Add a click event listener to a button that changes the text content of a paragraph.
- **Task 10:** Add a mouseover event listener to an element that changes its border color.

Feature Request:

1. **Text Content Manipulation Script:** Write a script that selects an HTML element by its ID and changes its text content.
2. **Element Creation Script:** Create a script that demonstrates creating a new div element and appending it to the body.
3. **Element Removal Script:** Write a script that selects an HTML element and removes it from the DOM.
4. **Attribute Modification Script:** Create a script that changes the attributes of an HTML element.
5. **Event Handling Script:** Write a script that adds event listeners to HTML elements to change their content or style based on user interactions.

Achievement:

By the end of these activities, students will:

- Select and manipulate DOM elements using JavaScript.
- Create and append new elements to the DOM.
- Remove elements from the DOM.
- Modify attributes and classes of HTML elements.
- Add and handle events to make web pages interactive.