

Advance DOM manipulation using JavaScript and HTML:



Task 1: Dynamic To-Do List

Description: Create a to-do list where users can add and remove tasks dynamically.

1. **HTML:** Provide an input field and a button for adding tasks.
2. **JavaScript:**
 - When the user clicks "Add Task," add the task to a list (as an `` element).
 - Each task should have a "Delete" button to remove it from the list.

Task 2: Temperature Converter

Description: Build a tool to convert temperatures between Celsius and Fahrenheit.

1. **HTML:** Provide two input fields for Celsius and Fahrenheit, and a "Convert" button.
2. **JavaScript:**
 - When the user enters a value in one field and clicks "Convert," calculate and display the equivalent temperature in the other field.
 - Add validation to ensure the input is a valid number.

Task 3: Countdown Timer

Description: Create a simple countdown timer.

1. **HTML:** Provide an input field to set the timer duration in seconds and a "Start Timer" button.
2. **JavaScript:**
 - When the user clicks "Start Timer," display the countdown in a `<p>` element.
 - Update the timer every second and display "Time's up!" when it reaches zero.

Task 4: Dynamic Table Filter

Description: Create a searchable table.

1. **HTML:** Create a table with multiple rows of data and a search input field above it.
2. **JavaScript:**
 - When the user types in the input field, filter the table rows based on the entered text.
 - Highlight the matching text in the filtered rows.