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**TY IT (Batch T1)**

**Web Technology Lab**

***Experiment 5***

**Title :** Program on applying event handling on HTML web page using Java script.

This HTML and JavaScript program demonstrates how to implement event handling on a web page. It interacts with user actions such as button clicks, keyboard input, and form submission. Using JavaScript, different types of events are handled, including mouse events (click), keyboard events (keydown), and form submission.

**Features Implemented:**

1. **Button Click Event**: A button that, when clicked, changes the background color of the page and updates the message on the screen.
2. **Keyboard Event (Enter Key)**: An input field that listens for the 'Enter' key press, displays the entered text, and clears the field afterward.
3. **Form Submission Event**: A form that, when submitted, prevents default behavior, shows the submitted value on the page, and resets the input field.
4. **Dynamic Content Update**: The page content dynamically updates based on user interactions, such as click actions and key presses.
5. **Background Color Change**: A visual effect that changes the background color upon button click.
6. **Form Validation**: The form includes basic input validation using the required attribute.

