

# DAY-5 BRIEF REPORT-SriHariharan.T

## What was learned:

1. **HTML Structure:** Understanding the basic structure of an HTML document and how to create a form with input fields and buttons.
2. **CSS Styling:** Applying CSS styles to make the page visually appealing, including the use of flexbox for layout and various styling techniques for form elements.
3. **JavaScript Interactivity:** Adding form validation using JavaScript to ensure inputs are not empty and displaying error messages appropriately.

## Challenges faced:

1. **Cross-browser compatibility:** Ensuring that the login page looks and behaves consistently across different web browsers. This involved testing on browsers such as Chrome, Firefox, and Safari.
2. **Responsiveness:** Making sure the login page is responsive and looks good on various devices, including mobile phones and tablets. Adjustments in CSS were made to handle different screen sizes.
3. **Form validation:** Implementing effective and user-friendly form validation, ensuring that error messages are clear and helpful while preventing form submission when inputs are invalid.

## Testing and Adjustments:

- **Tested on multiple browsers:** Ensured the login page worked well on Chrome, Firefox, and Safari.
- **Tested on different devices:** Verified the responsiveness on a variety of devices, including smartphones and tablets.
- **CSS Tweaks:** Made minor adjustments to the CSS to enhance compatibility and responsiveness, such as setting appropriate widths and using flexible units like percentages and vh for heights.

The final code is now clean, commented, and tested for better readability and maintenance.