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| MONDAY | Learned about functions in JavaScript, including how to declare and call them. |
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| TUESDAY | Practiced handling user actions like button clicks and form |
| submissions to make web pages interactive. |
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| WEDNESDAY | Introduced to DOM (Document Object Model) manipulation. |
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| THRUSDAY | Focused on form validation. Created simple scripts to check user |
| inputs for errors (e.g., empty fields, invalid emails, and password |
| requirements) before submission. |
| FRIDAY | Built a mini project combining HTML, CSS, and JavaScript. |
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| **REPORT WRITING** |
| This week, my training focused on learning JS(Java Script) that styles  HTML documents controlling layout, color and fonts . Below is a summary of my daily activities:  **Monday:**  Learned about functions in JavaScript, including how to declare and call them. Practiced writing reusable code and explored the difference between regular functions and arrow functions.  **Tuesday:**  Studied events in JavaScript such as on click, on change, and on submit. Practiced handling user actions like button clicks and form submissions to make web pages interactive.  **Wednesday:**  Introduced to DOM (Document Object Model) manipulation. Learned how to select HTML elements using methods like get ElementById and query Selector, and how to modify content dynamically using JavaScript.  **Thursday:**  Focused on form validation. Created simple scripts to check user inputs for errors (e.g., empty fields, invalid emails, and password requirements) before submission.  **Friday:**  Built a mini project combining HTML, CSS, and JavaScript. The project involved creating an interactive web page that uses functions, events, and DOM manipulation to provide real-time feedback to users.  Skills and Knowledge Gained   * Creating and using functions for reusable, structured code * Handling user interactions with event listeners * Selecting and dynamically modifying HTML elements using DOM methods * Validating user inputs in forms for better user experience and security   Challenges Faced   * Remembering different DOM methods and their exact syntax at first was difficult * Handling multiple events on the same page required careful planning and debugging * Form validation logic was tricky when dealing with multiple conditions   Conclusion;  This week concluded my JavaScript training by combining all the core concepts into practical, real-world use cases. With these skills, I can now create interactive, user-friendly web applications. This knowledge, combined with my previous learning in HTML and CSS, has strengthened my web development foundation and prepared me for more advanced frameworks and projects. |