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| MONDAY | Introduced to JavaScript, its purpose, and its role in web development |
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| TUESDAY | Studied JavaScript syntax and data types, including numbers, strings, |
| Booleans , arrays, and objects. |
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| WEDNESDAY | Focused on variables and operators. Learned how to declare |
| variables using var, let, and const. |
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| THRUSDAY | Introduced to control structures such as if, else if, else, and switch statements. |
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| FRIDAY | Studied loops (for, while, and do...while) and how they are used to |
| repeat tasks efficiently. |
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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:**  Introduced to JavaScript, its purpose, and its role in web development. Learned how to link a JavaScript file to an HTML document using <script> tags and explored the difference between internal and external JavaScript.  **Tuesday:**  Studied JavaScript syntax and data types, including numbers, strings, booleans, arrays, and objects. Practiced writing simple scripts to display output using console.log and alerts.  **Wednesday:**  Focused on variables and operators. Learned how to declare variables using var, let, and const. Practiced using arithmetic, comparison, and logical operators in simple programs.  **Thursday:**  Introduced to control structures such as if, else if, else, and switch statements. Practiced making decisions in code by writing small programs that react to user input.  **Friday:**  Studied loops (for, while, and do...while) and how they are used to repeat tasks efficiently. Practiced creating basic loops to iterate through arrays and display results dynamically on a webpage.  Skills and Knowledge Gained   * Understanding of JavaScript's role in adding interactivity to websites * Ability to link and run JavaScript code within HTML documents * Familiarity with basic syntax, data types, and operators * Hands-on experience with control structures and conditional logic * Writing and testing simple programs using loops and conditions   Challenges Faced   * Grasping the difference between var, let, and const at first was tricky * Understanding nested loops and conditions required extra practice * Remembering JavaScript syntax and best practices during initial coding exercises   Conclusion;  This week provided a strong foundation in JavaScript, covering its basic structure and logic. The knowledge gained will be essential for building interactive and functional web applications. In the coming week, I will focus on advanced JavaScript topics, including functions, events, DOM manipulation, and more complex real-world applications. |