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Module 1 Summary

This week, I worked on creating a personalized webpage using PHP, where I added several sections, including "About Me," "Photos," and lists of hobbies and interests. I used PHP to store information in arrays, then displayed this information dynamically with a foreach loop. Through this, I also created and styled a webpage with HTML and CSS, making it more engaging by integrating PHP to control content and create flexible elements like lists. I learned the basics of how PHP fits into web development. PHP is a server-side scripting language that works with HTML to create dynamic web content. I was introduced to the server setup process, covering both local (using XAMPP or WAMP) and online servers, and I learned how PHP interacts with a web server to execute scripts when a page is requested. This chapter also explained the basics of PHP file structure and syntax, such as using <?php ... ?> tags and understanding PHP's role alongside HTML and CSS.

I also learned while reading the book that writing PHP scripts can be used to generate web content. I learned about variables, data types, and basic PHP syntax, including the use of echo for output. The chapter also covered arrays, which store multiple values, and the importance of comments for readability. I practiced creating scripts that use variables, string concatenation, and the foreach loop, which was essential for displaying list items.