

Why is PHP known as scripting language?

- PHP is designed to be interpreted and executed at runtime, rather than being compiled into machine code beforehand. This means that PHP code is typically executed in response to user requests, and the output of the code is generated dynamically based on those requests.
- Scripting languages like PHP are often used for tasks that involve manipulating data, generating dynamic content, or interacting with databases and other external systems.
- PHP scripts can be run on a web server to generate HTML output, process form submissions, and perform other server-side tasks.
- Unlike compiled languages like C or Java, which must be compiled into executable machine code before they can be run, PHP code is interpreted at runtime by the PHP interpreter.
- This interpretation process allows for greater flexibility and agility, as changes to the code can be made quickly and easily without the need to recompile the entire program.
- The use of scripting languages like PHP has several advantages over compiled languages, including easier learning and use, faster development times, and greater flexibility in responding to changing requirements.
- The use of scripting languages like PHP has become particularly popular in web development, where the ability to generate dynamic content in response to user requests is essential.

In summary, PHP is known as a scripting language because it is designed to be interpreted at runtime, allowing for greater flexibility and agility in responding to changing requirements, and making it particularly well-suited for web development tasks.

Related posts:

1. Write brief introduction of PHP with its origin
2. Why PHP is better than its alternatives? Explain
3. Explain interfaces to external system in PHP ?
4. What are the hardware and software requirement of PHP
5. What does a PHP Script look like? Explain
6. Describe the basics of web designing
7. What is WYSIWYG?
8. How PHP helps in designing the webpage? Give relevant example
9. How can we receive user input in PHP? Give examples
10. Explain the procedure to repeat code in PHP.
11. Explain the working of PHP script.
12. What is the basic syntax of PHP? Explain with example
13. Explain various data types in PHP ?
14. What is Google caffeine? How it works? What are its benefits
15. Explain various types of operators available in PHP.
16. How can we display data type information in PHP? Give example
17. How can we change data type? Explain
18. Explain variable manipulation in PHP
19. What are dynamic variables in PHP? Explain
20. PHP Short Notes for DAVV MBA
21. How to get MySQL
22. INSTALLATION OF MYSQL ON WINDOWS
23. PHP Variables
24. PHP Data types
25. PHP Constant

26. PHP Switch Statement
27. PHP Loops
28. Use of echo statement
29. PHP echo2
30. Factorial using for loop
31. PHP if statement
32. PHP if2
33. PHP if else2
34. PHP if else2
35. PHP use of function
36. PHP use of array
37. SQL in MySQL
38. LIKE IN SQL mySQL
39. Select statement in SQL
40. PHP Project
41. Explain static vs. dynamic optimization
42. What is web analytics? Explain.
43. Describe analytics and ROI concept. How we can calculate ROI? Write its advantages and disadvantages.
44. What are the functions to format string for presentation? Explain
45. How can we format string for storage in PHP? Explain
46. Explain string comparison in PHP.
47. Explain the functions to match and replace strings.
48. What are control structures? Explain types of if conditional statement in PHP
49. Write a program code for Switch Statement.
50. Explain the use of '?' Operator in PHP
51. How can we use while loop in PHP ? Give example

52. Write a program code for do-while Statement in PHP.
53. Explain the use of for loop in PHP with example
54. Explain break and continue statement in PHP
55. What are nested loops ?
56. What is a Function? How can we call a function
57. Explain creating a function in PHP.
58. PHP Previous Years Solved
59. Explain the Dynamic Function Calls in PHP ?
60. Explain Function Calls with the static Statement in PHP ?
61. Explain various types of Arrays used in PHP ?
62. Write short notes on Error Tracking and Debugging in PHP.
63. Write down the procedure for form validation using Java Script.
64. Write the differences between Include and Require in PHP
65. Write the differences between GET and POST method in PHP