Variable manipulation is the process of modifying the value of a variable in PHP. PHP provides a wide range of operators and functions for variable manipulation, including arithmetic operators, string operators, and comparison operators.

Here are some examples of variable manipulation in PHP:

1. Arithmetic operators:

PHP provides arithmetic operators for performing basic mathematical operations on variables. These operators include addition (+), subtraction (-), multiplication (*), division (/), modulus (%), and exponentiation (**).

For example:

```
$num1 = 10;
$num2 = 5;

// Addition
$result = $num1 + $num2; // $result = 15

// Subtraction
$result = $num1 - $num2; // $result = 5

// Multiplication
$result = $num1 * $num2; // $result = 50

// Division
$result = $num1 / $num2; // $result = 2

// Modulus
$result = $num1 % $num2; // $result = 0
```

```
// Exponentiation
$result = $num1 ** $num2; // $result = 100000
```

2. String operators:

PHP provides string operators for manipulating strings. These operators include concatenation (.), concatenation assignment (.=), and substring (substr()).

For example:

```
$str1 = "Hello";
$str2 = "world";

// Concatenation
$result = $str1 . " " . $str2; // $result = "Hello world"

// Concatenation assignment
$str1 .= " PHP"; // $str1 = "Hello PHP"

// Substring
$result = substr($str1, 0, 5); // $result = "Hello"
```

3. Comparison operators:

PHP provides comparison operators for comparing variables. These operators include equal to (==), not equal to (!=), identical to (===), not identical to (!==), greater than (>), less than (<), greater than or equal to (>=), and less than or equal to (<=).

For example:

```
$num1 = 10;
$num2 = 5;

// Equal to
$result = ($num1 == $num2); // $result = false

// Not equal to
$result = ($num1 != $num2); // $result = true

// Identical to
$result = ($num1 === $num2); // $result = false

// Greater than
$result = ($num1 > $num2); // $result = true

// Less than
$result = ($num1 < $num2); // $result = false

// Greater than or equal to
$result = ($num1 >= $num2); // $result = true

// Less than or equal to
$result = ($num1 <= $num2); // $result = false
```

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. Why is PHP known as scripting language?
6. What does a PHP Script look like? Explain

7. Describe the basics of web designing
8. What is WYSIWYG?
9. How PHP helps in designing the webpage? Give relevant example
10. How can we receive user input in PHP? Give examples
11. Explain the procedure to repeat code in PHP.
12. Explain the working of PHP script.
13. What is the basic syntax of PHP? Explain with example
14. Explain various data types in PHP ?
15. What is Google caffeine? How it works? What are its benefits
16. Explain various types of operators available in PHP.
17. How can we display data type information in PHP? Give example
18. How can we change data type? Explain
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