

String comparison in PHP is the process of comparing two strings to determine whether they are equal, or which one is greater or less than the other. In PHP, there are several string comparison functions available, including `strcmp()`, `strcasecmp()`, and `strncmp()`.

1. `strcmp()` function:

The `strcmp()` function is used to compare two strings in a case-sensitive manner. It returns 0 if the strings are equal, a positive integer if the first string is greater than the second, and a negative integer if the second string is greater than the first.

For example:

```
$string1 = "apple";  
$string2 = "banana";  
$result = strcmp($string1, $string2);  
if ($result == 0) {  
    echo "The strings are equal";  
} elseif ($result > 0) {  
    echo "String 1 is greater than string 2";  
} else {  
    echo "String 2 is greater than string 1";  
}
```

In this example, the `strcmp()` function compares the strings "apple" and "banana". Since "apple" is less than "banana" in alphabetical order, the function returns a negative integer (-1) and the output is "String 2 is greater than string 1".

2. strcasecmp() function:

The strcasecmp() function is similar to strcmp(), but it performs a case-insensitive comparison.

For example:

```
$string1 = "Apple";  
$string2 = "apple";  
$result = strcasecmp($string1, $string2);  
if ($result == 0) {  
    echo "The strings are equal";  
} elseif ($result > 0) {  
    echo "String 1 is greater than string 2";  
} else {  
    echo "String 2 is greater than string 1";  
}
```

In this example, the strcasecmp() function compares the strings "Apple" and "apple". Since the function is case-insensitive, it returns 0 and the output is "The strings are equal".

3. strncmp() function:

The strncmp() function is used to compare a specified number of characters in two strings. It works similarly to strcmp(), but takes a third argument that specifies the number of characters to compare. For example:

```
$string1 = "apple";  
$string2 = "apricot";
```

```
$result = strcmp($string1, $string2, 3);  
if ($result == 0) {  
    echo "The first 3 characters of the strings are equal";  
} elseif ($result > 0) {  
    echo "String 1 is greater than string 2";  
} else {  
    echo "String 2 is greater than string 1";  
}
```

In this example, the `strcmp()` function compares the first three characters of the strings "apple" and "apricot". Since both strings start with "ap", the function returns 0 and the output is "The first 3 characters of the strings are equal".

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. Explain variable manipulation in PHP
20. What are dynamic variables in PHP? Explain
21. Explain static vs. dynamic optimization
22. What is web analytics? Explain.
23. Describe analytics and ROI concept. How we can calculate ROI? Write its advantages and disadvantages.
24. What are the functions to format string for presentation? Explain
25. How can we format string for storage in PHP? Explain
26. Explain the functions to match and replace strings.
27. What are control structures? Explain types of if conditional statement in PHP
28. Write a program code for Switch Statement.
29. Explain the use of '?' Operator in PHP
30. How can we use while loop in PHP ? Give example
31. Write a program code for do-while Statement in PHP.
32. Explain the use of for loop in PHP with example
33. Explain break and continue statement in PHP
34. What are nested loops ?
35. What is a Function? How can we call a function
36. Explain creating a function in PHP.
37. Explain the Dynamic Function Calls in PHP ?
38. Explain Function Calls with the static Statement in PHP ?
39. Explain various types of Arrays used in PHP ?
40. Write short notes on Error Tracking and Debugging in PHP.

Explain string comparison in PHP.

41. Write down the procedure for form validation using Java Script.
42. Write the differences between Include and Require in PHP
43. Write the differences between GET and POST method in PHP
44. PHP Short Notes for DAVV MBA