

PHP - Strings and String Functions Exercises

1. Write a PHP script to :

- a) transform a string all uppercase letters.
- b) transform a string all lowercase letters.
- c) make a string's first character uppercase.
- d) make a string's first character of all the words uppercase.

2. Write a PHP script to split the following string.

Sample string : '082307'

Expected Output : 08:23:07

3. Write a PHP script to check whether a string contains a specific string?

Sample string : 'The quick brown fox jumps over the lazy dog.'

Check whether the said string contains the string 'jumps'.

4. Write a PHP script to convert the value of a PHP variable to string.

5. Write a PHP script to extract the file name from the following string.

Sample String : 'www.example.com/public_html/index.php'

Expected Output : 'index.php'

6. Write a PHP script to extract the user name from the following email ID.

Sample String : 'Ayham@example.com'

Expected Output : 'Ayham'

7. Write a PHP script to get the last three characters of a string.

Sample String : 'Ayham@example.com'

Expected Output : 'com'

8. Write a PHP script to format values in currency style.

Sample values : value1 = 65.45, value2 = 104.35

Expected Result : 169.80

9. Write a PHP script to generate simple random passwords [do not use rand() function] from a given string.

Sample string :

'1234567890ABCDEFGHIJKLMNOPQRSTUVWXYZabcefg hijklmnopqrstuvwxyz'

Note : Password length may be 6, 7, 8 etc.

10. Write a PHP script to replace the first 'the' of the following string with 'That'.

Sample date : 'the quick brown fox jumps over the lazy dog.'

Expected Result : That quick brown fox jumps over the lazy dog.

11. Write a PHP script to find the first character that is different between two strings.

String1 : 'football'

String2 : 'footboll'

Expected Result : First difference between two strings at position 5: "a" vs "o"

12. Write a PHP script to put a string in an array.

Sample strings : "Twinkle, twinkle, little star,\nHow I wonder what you are.\nUp above the world so high,\nLike a diamond in the sky.";

Expected Result (using var_dump()) : array(4) { [0]=> string(30) "Twinkle, twinkle, little star," [1]=> string(26) "How I wonder what you are." [2]=> string(27) "Up above the world so high," [3]=> string(26) "Like a diamond in the sky." }

13. Write a PHP script to get the filename component of the following path.

Sample path : "https://www.orange.com/index.php"

Expected Output : 'index'

14. Write a PHP script to print the next character of a specific character.

Sample character : 'a'

Expected Output : 'b'

Sample character : 'z'

Expected Output : 'a'

15. Write a PHP script to remove a part of a string from the beginning.

Sample string : 'rayy@example.com'

Expected Output : 'example.com'

16. Write a PHP script to get a hex dump of a string.

Sample string : 'rayy@example.com'

17. Write a PHP script to insert a string at the specified position in a given string.

Original String : 'The brown fox'

Insert 'quick' between 'The' and 'brown'.

Expected Output : 'The quick brown fox'

18. Write a PHP script to get the first word of a sentence.

Original String : 'The quick brown fox'

Expected Output : 'The'

19. Write a PHP script to remove all leading zeroes from a string.

Original String : '000547023.24'

Expected Output : '547023.24'

20. Write a PHP script to remove part of a string.

Original String : 'The quick brown fox jumps over the lazy dog'

Remove 'fox' from the above string.

Expected Output : 'The quick brown jumps over the lazy dog'

21. Write a PHP script to remove trailing slash from a string.

Original String : 'The quick brown fox jumps over the lazy dog///'

Expected Output : 'The quick brown fox jumps over the lazy dog'

22. Write a PHP script to get the characters after the last '/' in an url.

Sample URL : 'http://www.example.com/5478631'

Expected Output : '5478631'

23. Write a PHP script to replace multiple characters from the following string.

Sample String : "\"1+2/3*2:2-3/4*3'

Expected Output : '1 2 3 2 2 3 4 3'

24. Write a PHP script to select first 5 words from the following string.

Sample String : 'The quick brown fox jumps over the lazy dog'

Expected Output : 'The quick brown fox jumps'

25. Write a PHP script to remove comma(s) from the following numeric string.

Sample String : '2,543.12'

Expected Output : 2543.12

26. Write a PHP script to print letters from 'a' to 'z'.