



PHP Basic Tasks

Duration: 4 Hour

Functions and String

1. Write a PHP function to swap to variables?

Sample Input: x = 12 y= 10
Expected Output: y=12 x=10

2. Write a PHP function to check if a number is an Armstrong number or not

****Armstrong number is a number that is equal to the sum of cubes of its digits.**

Sample Input: 407 ($4^3 + 0^3 + 7^3 = 407$)
Expected Output: 407 is Armstrong Number

3. Write a PHP function that checks whether a passed string is a palindrome or not?

Sample Input: Eva, can I see bees in a cave?
Expected Output: Yes, it is a palindrome

4. Write a PHP function to remove duplicates from an array?

Sample Input:

```
$array1 = array(2, 4, 7, 4, 8, 4);
```

Expected Output:

```
$array1 = array(2, 4, 7, 8);
```

5. Write a PHP script to reverse a string

Sample Input: remove
Expected Output: evomer

6. Write a PHP script to check if all string characters are lower cases

Sample Input: remove
Expected Output: Your String is Ok



7. Write a PHP script to:

- a. Convert the entered string to uppercase.
- b. Convert the entered string to lowercase.
- c. Make the first letter of the string uppercase.
- d. Make the first letter of each word capitalized.

8. Write a PHP script splitting the following numeric string to be a date format.

Sample Output: '085119'
Expected Output: 08:51:19

9. Write a PHP script to check whether the sentence contains a specific word.

Sample Output: I am a full stack developer at orange coding academy'
Sample Word: Orange'
Expected Output: Word Found!'

10. Write a PHP script to extract the file name from the URL.

Sample Output: 'www.orange.com/index.php'
Expected Output: 'index.php'

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

String1: 'dragonball'
String2: 'dragonboll'
Expected Result: First difference between two strings at position 7: "a" vs "o"

12. Write a PHP script to print the next letter of the input letter.

Sample Character: 'a'
Expected Output: 'b'
Sample Character: 'z'
Expected Output: 'a'

13. Write a PHP script to remove zeroes from the given number.

Original String: '0000657022.24'
Expected Output: '65722.24'



14. Write a PHP script to remove Special characters from the following string.

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

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

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

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

Expected Output: 'The quick brown fox jumps'