

# Exercise

Course	Web Development
Module	PHP
Exercise	Exercise strings

## summary

The main purpose of this exercise is to introduce the trainee in the definition of variables and manipulation of strings.

### A. Basic Strings Functions

PHP has a huge list of functions for manipulating Strings. Of all there is a set that is often used on a daily basis. Among these are:

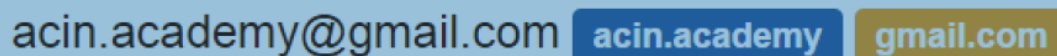
- strlen
- str\_word
- Explode
- strpos
- str\_replace
- ucwords
- strtoupper
- strtolower
- str\_repeat
- strcmp
- substr
- trim

The complete list of functions can be found in the following url:  
<http://php.net/manual/en/ref.strings.php>

## B. Exercises with string manipulation

1. Write a php script that given a string with an e-mail address extracts the username and displays in the following format:

Eg:



acin.academy@gmail.com   **acin.academy**   **gmail.com**

2. Write a php script that given a string with a url, present the result as follows:

Eg:



3. Write a php script that generates random passwords based on the following string  
"1234567890ABCDEFGHIJKLMNOPQRSTUVWXYZabcefghijklmnopqrstuvwxyz"

Passwords must be 8 characters in length. Note: Use the str\_shuffle function. The button should redirect to the page itself, generating a new password.

Eg:

# Generate random password

