

# PHP Functions

Topics : [PHP](#)

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PHP Functions is used to reuse php code. PHP Functions contains a piece of code which takes one or more parameter as input and make some processing on it and returns a value.

PHP provides more than 1000 of built-in library functions. But also we can create user defined custom function. PHP Functions reduces our writing code time by reusing same logic code .

## Advantage of PHP Functions

**Code Reusability:** PHP functions are defined only once and can be used many times.

**Less Code:** It saves a lot of code to rewrite it again. You can write the logic only once and reuse it by the use of function.

**Easy to understand:** PHP functions separate the programming logic. So you can easy understand the flow of the application because every logic is separated in the form of functions.

## Creating PHP Function

A user define function must start with keyword function and all the PHP code should be put inside { and } braces.A function will be executed by a call to the function.

**PHP Syntax :**

```
function function_name(){
    //code for programming logic.
}
```

**PHP Example :**

```
<?php
function sitetitle() //user defined function
{
    echo "Welcome to learning system";
}
sitetitle();//calling function
?>
```

**Output:**

Welcome to learning system

## PHP Functions with Parameters

you can pass your parameters inside a function. You can add as many arguments as you want, just separate them with a comma. You can pass argument by Call by Value (default), Call by Reference, Default argument values and Variable-length argument list.

### PHP Example :

```
<?php
function sub($num1, $num2) {
    $sub = $num1 - $num2;
    echo "Substraction of the two numbers is : $sub";
}

sub(800, 546);
?>
```

### Output:

Substraction of the two numbers is : 254

## PHP Functions return value

A function can return a value using the return statement.

### PHP Example :

```
<?php
function sub($num1, $num2) {
    $sub = $num1 - $num2;
    return $sub;
}

$return_sub=sub(230, 146);
echo "Substraction of the two numbers is : $return_sub";
?>
```

### Output:

Substraction of the two numbers is : 84

### Output :