

PHP Examples

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PHP Syntax

[Write text to the output using PHP](#)

[Add comments in PHP](#)

[Keywords, classes, functions, and user-defined functions ARE NOT case-sensitive](#)

[Variable names ARE case-sensitive](#)

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PHP Variables

[Create different variables](#)

[Test global scope \(variable outside function\)](#)

[Test local scope \(variable inside function\)](#)

[Use the global keyword to access a global variable from within a function](#)

[Use the \\$GLOBALS\[\] array to access a global variable from within a function](#)

[Use the static keyword to let a local variable not be deleted after execution of function](#)

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PHP Echo and Print

[Display strings with the echo command](#)

[Display strings and variables with the echo command](#)

[Display strings with the print command](#)

[Display strings and variables with the print command](#)

Examples explained

PHP Data Types

[PHP string](#)

[PHP integer](#)

[PHP float](#)

[PHP array](#)

[PHP object](#)

[PHP NULL value](#)

Examples explained

PHP Strings

[Get the length of a string - strlen\(\)](#)

[Count the number of words in a string - str_word_count\(\)](#)

[Reverse a string - strrev\(\)](#)

[Search for a specific text within a string - strpos\(\)](#)

[Replace text within a string - str_replace\(\)](#)

Examples explained

PHP Constants

[Case-sensitive constant name](#)

[Case-insensitive constant name](#)

Examples explained

PHP Operators

[Arithmetic operator: Addition \(+\)](#)

[Arithmetic operator: Subtraction \(-\)](#)

[Arithmetic operator: Multiplication \(*\)](#)

Arithmetic operator: Division (/).
Arithmetic operator: Modulus (%).
Assignment operator: x = y.
Assignment operator: x += y.
Assignment operator: x -= y.
Assignment operator: x *= y.
Assignment operator: x /= y.
Assignment operator: x %= y.
Comparison operator: Equal (==).
Comparison operator: Identical (===).
Comparison operator: Not equal (!=).
Comparison operator: Not equal (<>).
Comparison operator: Not identical (!==).
Comparison operator: Greater than (>).
Comparison operator: Less than (<).
Comparison operator: Greater than or equal (>=).
Comparison operator: Less than or equal (<=).
Increment operator: ++\$x
Increment operator: \$x++
Decrement operator: --\$x
Decrement operator: \$x--
Logical operator: and
Logical operator: or
Logical operator: xor
Logical operator: && (and).
Logical operator: || (or).
Logical operator: not
String operator: Concatenation of \$txt1 and \$txt2
String operator: Appends \$txt2 to \$txt1
Array operator: Union (+).
Array operator: Equality (==).
Array operator: Identity (===).
Array operator: Inequality (!=).
Array operator: Inequality (<>).
Array operator: Non-identity (!==).

Examples explained

PHP If...Else and Switch Statements

The if statement

The if...else statement

[The if...elseif...else statement](#)

[The switch statement](#)

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PHP While and For Loops

[The while loop](#)

[The do...while loop](#)

[Another do...while loop](#)

[The for loop](#)

[The foreach loop](#)

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PHP Functions

[Create a function](#)

[Function with one argument](#)

[Function with two arguments](#)

[Function with default argument value](#)

[Function that returns a value](#)

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PHP Arrays

[Indexed arrays](#)

[count\(\) - Return the length of an array](#)

[Loop through an indexed array](#)

[Associative arrays](#)

[Loop through an associative array](#)

Examples explained

PHP Sorting Arrays

[sort\(\) - Sort array in ascending alphabetical order](#)

[sort\(\) - Sort array in ascending numerical order](#)

[rsort\(\) - Sort array in descending alphabetical order](#)

[rsort\(\)](#) - Sort array in descending numerical order

[asort\(\)](#) - Sort array in ascending order, according to value

[ksort\(\)](#) - Sort array in ascending order, according to key

[arsort\(\)](#) - Sort array in descending order, according to value

[krsort\(\)](#) - Sort array in descending order, according to key

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PHP Superglobals

[\\$GLOBAL](#) - Used to access global variables from anywhere in the PHP script

[\\$ _SERVER](#) - Holds information about headers, paths, and script locations

[\\$ _REQUEST](#) - Used to collect data after submitting an HTML form

[\\$ _POST](#) - Used to collect form data after submitting an HTML form. Also used to pass variables

[\\$ _GET](#) - Collect data sent in the URL

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PHP Form Validation

[PHP Form Validation](#)

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PHP Multidimensional Arrays

[Output elements from a multidimensional array](#)

[Loop through a multidimensional array](#)

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PHP Date and Time

[Format today's date in several ways](#)

[Automatically update the copyright year on your website](#)

[Output the current time \(server time\)](#)

[Set timezone, then output current time](#)

[Create a date and time from a number of parameters in mktime\(\)](#)

[Create a date and time from the strtotime\(\) function](#)

[Create more dates/times from strtotime\(\)](#)
[Output the dates for the next six Saturdays](#)
[Output the number of days until 4th of July](#)

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PHP Include Files

[Use include to include "footer.php" in a page](#)
[Use include to include "menu.php" in a page](#)
[Use include to include "vars.php" in a page](#)
[Use include to include a non-existing file](#)
[Use require to include a non-existing file](#)

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PHP File Handling

[Use readfile\(\) to read a file and write it to the output buffer](#)

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PHP File Open/Read/Close

[Use fopen\(\), fread\(\), and fclose\(\) to open, read, and close a file](#)
[Use fgets\(\) to read a single line from a file](#)
[Use feof\(\) to read through a file, line by line, until end-of-file is reached](#)
[Use fgetc\(\) to read a single character from a file](#)

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PHP Cookies

[Create and retrieve a cookie](#)
[Modify a cookie value](#)
[Delete a cookie](#)
[Check if cookies are enabled](#)

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PHP Sessions

[Start a session](#)

[Get session variable values](#)

[Get all session variable values](#)

[Modify a session variable](#)

[Destroy a session](#)

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PHP Filters

[Use filter_list\(\) to list what the PHP filter extension offers](#)

[Sanitize a string](#)

[Validate an integer](#)

[Validate an integer that is 0](#)

[Validate an IP address](#)

[Sanitize and validate an email address](#)

[Sanitize and validate a URL](#)

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PHP Select Data From MySQL

[Select data with MySQLi \(Object-oriented\)](#)

[Select data with MySQLi \(Object-oriented\) and put result in an HTML table](#)

[Select data with MySQLi \(Procedural\)](#)

[Select data with PDO \(+ Prepared statements\)](#)

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PHP SimpleXML Parser

[Use simplexml_load_string\(\) to read XML data from a string](#)

[Use simplexml_load_file\(\) to read XML data from a file](#)

[Get node values](#)

[Get node values of specific elements](#)

[Get node values - loop](#)

[Get attribute values](#)

[Get attribute values - loop](#)

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PHP XML Expat Parser

[Initialize an XML Expat parser, define some handlers, then parse an XML file](#)

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