

# Learn PHP String Functions

Topics : [PHP](#)

Written on [January 01, 2021](#)

PHP provides various string functions to access and manipulate strings.

php string functions are as below.

addslashes() - Return Quote string with slashes in a C style  
addslashes() - Return Quote string with slashes  
bin2hex() - Convert binary data into hexadecimal representation  
chop() - Alias of rtrim  
chr() - Generate a single-byte string from a number  
chunk\_split() - Split a string into smaller chunks  
convert\_cyr\_string() - Convert from one Cyrillic character set to another  
convert\_uudecode() - Decode a uuencoded string  
convert\_uuencode() - Uuencode a string  
count\_chars() - Return information about characters used in a string  
crc32() - Calculates the crc32 polynomial of a string  
crypt() - One-way string hashing  
echo() - Output one or more strings  
explode() - Split a string by a string  
fprintf() - Write a formatted string to a stream  
get\_html\_translation\_table() - Returns the translation table used by htmlspecialchars and htmlentities  
hebrew() - Convert logical Hebrew text to visual text  
hebrevc() - Convert logical Hebrew text to visual text with newline conversion  
hex2bin() - Decodes a hexadecimally encoded binary string  
html\_entity\_decode() - Convert HTML entities to their corresponding characters  
htmlentities() - Convert all applicable characters to HTML entities  
htmlspecialchars\_decode() - Convert special HTML entities back to characters  
htmlspecialchars() - Convert special characters to HTML entities  
implode() - Join array elements with a string  
join() - Alias of implode  
lcfirst() - Make a string's first character lowercase  
levenshtein() - Calculate Levenshtein distance between two strings  
localeconv() - Get numeric formatting information  
ltrim() - Strip whitespace (or other characters) from the beginning of a string  
md5\_file() - Calculates the md5 hash of a given file  
md5() - Calculate the md5 hash of a string  
metaphone() - Calculate the metaphone key of a string  
money\_format() - Formats a number as a currency string  
nl\_langinfo() - Query language and locale information

nl2br() - Inserts HTML line breaks before all newlines in a string  
number\_format() - Format a number with grouped thousands  
ord() - Convert the first byte of a string to a value between 0 and 255  
parse\_str() - Parses the string into variables  
print() - Output a string  
printf() - Output a formatted string  
quoted\_printable\_decode() - Convert a quoted-printable string to an 8 bit string  
quoted\_printable\_encode() - Convert a 8 bit string to a quoted-printable string  
quotemeta() - Quote meta characters  
rtrim() - Strip whitespace (or other characters) from the end of a string  
setlocale() - Set locale information  
sha1\_file() - Calculate the sha1 hash of a file  
sha1() - Calculate the sha1 hash of a string  
similar\_text() - Calculate the similarity between two strings  
soundex() - Calculate the soundex key of a string  
sprintf() - Return a formatted string  
sscanf() - Parses input from a string according to a format  
str\_contains() - Determine if a string contains a given substring  
str\_ends\_with() - Checks if a string ends with a given substring  
str\_getcsv() - Parse a CSV string into an array  
str\_ireplace() - Case-insensitive version of str\_replace  
str\_pad() - Pad a string to a certain length with another string  
str\_repeat() - Repeat a string  
str\_replace() - Replace all occurrences of the search string with the replacement string  
str\_rot13() - Perform the rot13 transform on a string  
str\_shuffle() - Randomly shuffles a string  
str\_split() - Convert a string to an array  
str\_starts\_with() - Checks if a string starts with a given substring  
str\_word\_count() - Return information about words used in a string  
strcasecmp() - Binary safe case-insensitive string comparison  
strchr() - Alias of strstr  
strcmp() - Binary safe string comparison  
strcoll() - Locale based string comparison  
strcspn() - Find length of initial segment not matching mask  
strip\_tags() - Strip HTML and PHP tags from a string  
stripclashes() - Un-quote string quoted with addslashes  
stripos() - Find the position of the first occurrence of a case-insensitive substring in a string  
striplashes() - Un-quotes a quoted string  
stristr() - Case-insensitive strstr  
strlen() - Get string length  
strnatcasecmp() - Case insensitive string comparisons using a "natural order" algorithm  
strnatcmp() - String comparisons using a "natural order" algorithm  
strncasecmp() - Binary safe case-insensitive string comparison of the first n characters  
strncmp() - Binary safe string comparison of the first n characters  
strpbrk() - Search a string for any of a set of characters  
strpos() - Find the position of the first occurrence of a substring in a string  
strrchr() - Find the last occurrence of a character in a string  
strrev() - Reverse a string  
strripos() - Find the position of the last occurrence of a case-insensitive substring in a string  
strrpos() - Find the position of the last occurrence of a substring in a string  
strspn() - Finds the length of the initial segment of a string consisting entirely of characters

contained within a given mask  
strstr() - Find the first occurrence of a string  
strtok() - Tokenize string  
strtolower() - Make a string lowercase  
strtoupper() - Make a string uppercase  
strtr() - Translate characters or replace substrings  
substr\_compare() - Binary safe comparison of two strings from an offset, up to length characters  
substr\_count() - Count the number of substring occurrences  
substr\_replace() - Replace text within a portion of a string  
substr() - Return part of a string  
trim() - Strip whitespace (or other characters) from the beginning and end of a string  
ucfirst() - Make a string's first character uppercase  
ucwords() - Uppercase the first character of each word in a string  
vfprintf() - Write a formatted string to a stream  
vprintf() - Output a formatted string  
vsprintf() - Return a formatted string  
wordwrap() - Wraps a string to a given number of characters

Let See below examples.

### PHP Code

```
<?
$str="i love my india.";

echo "<br/>Returns first occurrence of string(Case sensitive) :".strstr($str,"ov");

echo "<br/>Returns first occurrence of string(Case insensitive) :".stristr($str,"OV");

echo "<br/>Returns Substring :".substr($str,2,4);

echo "<br/>Returns string position:".stripos($str,"ia");

echo "<br/>Returns string length:".strlen($str);

echo "<br/>Returns ascii value:".ord('A');

echo "<br/>Returns character from ascii value :".chr(65);

echo "<br/>replace string:".str_replace("love","hate",$str);

echo "<br/>return md5 hash value of string:".md5("love");

echo "<br/>return sha1 hash value of string:".sha1("love");

echo "<br/>remove space from both side:".trim(" love ");

echo "<br/>strip html tags:".strip_tags("<html>Gooodd </html>","<html>");

echo "<br/>remove space from both side:".trim(" love ");

echo "<br/>Convert in lower case:".strtolower("LOVE");
```

```

echo "<br/>Convert in upper case:".strtoupper($str);

echo "<br/>Convert first character of string in upper case:".ucfirst($str);

echo "<br/>Convert first character of words in upper case:".ucwords($str);

$arr=explode(" ",$str);

echo "<br/> split string into array";

print_r($arr);

echo "<br/> convert array into string : ".implode(" X ",$arr);

echo "<br/> strip out slashes from string : ".stripslashes("i \ love \ india");
?>

```

### Output:

```

Returns first occurrence of string(Case sensitive) :ove my india.
Returns first occurrence of string(Case insensitive) :ove my india.
Returns Substring :love
Returns string position:13
Returns string length:16
Returns ascii value:65
Returns character from ascii value :A
replace string:i hate my india.
return md5 hash value of string:b5c0b187fe309af0f4d35982fd961d7e
return sha1 hash value of string:9f2feb0f1ef425b292f2f94bc8482494df430413
remove space from both side:love
strip html tags:Gooodd
remove space from both side:love
Convert in lower case:love
Convert in upper case:I LOVE MY INDIA.
Convert first character of string in upper case:I love my india.
Convert first character of words in upper case:I Love My India.
split string into arrayArray ( [0] => i [1] => love [2] => my [3] => india. )
convert array into string : i X love X my X india.
strip out slashes from string : i love india

```

### Output :