

# Array&string\_preDefine\_function In Php

## array predefined functions

**array()** create array

e.g.

```
$arr = array(4,5,6);
```

**sizeof()** count elements in array

e.g.

```
$arr = [4,8,9];
```

```
echo sizeof($arr);
```

**max()** maximum value in array

e.g.

```
$arr = [4,8,9];
```

```
echo max($arr);
```

**min()** minimum value in array

e.g.

```
$arr = [4,8,9];
```

```
echo min($arr);
```

**sort()** sort array in ascending order according to value

e.g.

```
$arr = [14,8,9];
```

```
sort($arr);
```

```
print_r($arr);
```

**rsort()** sort array in descending order according to value

e.g.

```
$arr = [14,8,19];
```

```
rsort($arr);
```

```
print_r($arr);
```

**ksort()** sort array in ascending order according to key

e.g.

```
$arr = ['c'=>14,'a'=>8,'b'=>19];
```

```
ksort($arr);
```

```
print_r($arr);
```

**krsort()**            sort array in descending order according to key

e.g.

```
$arr = ['c'=>14,'a'=>8,'b'=>19];
```

```
krsort($arr);
```

```
print_r($arr);
```

**array\_reverse()**            reverse array

e.g.

```
$arr = [14,8,19];
```

```
print_r(array_reverse($arr));
```

**array\_push(arrayname,value)**            insert value in array at last position

e.g.

```
$arr = [14,8,19];
```

```
$arr = array_push($arr,100);
```

```
print_r($arr);
```

**array\_pop(array);**            delete last element of array

e.g.

```
$arr = [14,8,19];
```

```
$arr = array_pop($arr);
```

```
print_r($arr);
```

**array\_unshift(arrayname,value)**            insert value in array at first position

e.g.

```
$arr = [14,8,19];
```

```
$arr = array_unshift($arr,100);
```

```
print_r($arr);
```

**array\_shift(array)**            delete first element of array

e.g.

```
$arr = [14,8,19];
```

```
$arr = array_shift($arr);
```

```
print_r($arr);
```

**array\_sum(array)**            sum of array elements

e.g.

```
$arr = array(4,1,3);  
echo array_sum($arr);
```

**array\_merge(array1,array2)** merge both array as value

e.g.

```
$arr1 = [4,5,6];  
$arr2 = ["red","blue","green"];  
$arr3 = array_merge($arr1,$arr2);  
print_r($arr3);
```

**array\_combine(array1,array2)** merge both array first array as index and second array as value

e.g.

```
$arr1 = [4,5,6];  
$arr2 = ["red","blue","green"];  
$arr3 = array_combine($arr1,$arr2);  
print_r($arr3);
```

**is\_array()** check array or not

e.g.

```
$x = 5;  
if(is_array($x))  
{  
    echo "it is array";  
}  
else  
{  
    echo "it is not array";  
}
```

**end()** get last element of array

```
$arr = [5,4,12];  
echo end($arr);
```

---

## string

string is sequence of characters which written in single quotes ' or double quotes ""

e.g.

```
$str = "abc123";

echo $str;
echo $str[0];

for($i=0; $i<strlen($str); $i++)
{
    echo $str[$i];
}
```

## string predefine functions

**strlen()** calculate length of string

e.g.

```
$str = "India Delhi";
echo strlen($str);
```

**strtoupper()** convert string in upper case

e.g.

```
$str = "India Delhi";
echo strtoupper($str);
```

**strtolower()** convert string in lower case

e.g.

```
$str = "India Delhi";
echo strtolower($str);
```

**ucwords()** convert first character of all words of string in upper case

e.g.

```
$str = "india delhi";  
echo ucwords($str);
```

**ucfirst()**                      convert first character of first word of string in upper case

```
e.g.  
$str = "india delhi";  
echo ucfirst($str);
```

**str\_shuffle()**   shuffle string

```
e.g.  
$str = "India Delhi";  
echo str_shuffle($str);
```

**str\_replace("old","new","string")**

```
e.g.  
$str = "India Delhi";  
echo str_replace("n","*", $str);
```

**strrev()**                      reverse string

```
e.g.  
$str = "India Delhi";  
echo strrev($str);
```

**substr(string,start position, length)**

```
e.g  
$str = "India Delhi";  
echo substr($str,3,5);
```

**basename(string)**

```
e.g.  
$path = "D://songs/bollywood/abc.mp3";  
echo basename($path);
```

**trim(string)**    remove white spaces

```
e.g.
```

```
$str = " India Delhi ";  
echo strlen($str);  
echo strlen(trim($str));
```

**addslashes();**

e.g.  
\$str = "Hyper Text 'Markup' Language";  
echo addslashes(\$str);

**explode(split,string)            convert string into array**

e.g.  
\$str = "abc.mp3";  
\$arr = explode('.', \$str);  
print\_r(\$arr);

**implode(glue,array);            convert array into string**

e.g.  
\$arr = ["red", "blue", "green"];  
\$str = implode("-", \$arr);  
echo \$str;

**extract(array)            convert array index in variables**

e.g.  
\$arr = ['a'=>45, 'b'=>88];  
extract(\$arr);  
echo \$b;

**compact(variablename)            convert variable in array index**

e.g.  
\$a = 45;  
\$b = 77;  
\$arr = compact('a', 'b');  
print\_r(\$arr);

---

## Some Important Functions

### file include

```
include("filename.ext");  
include_once("filename.ext");  
require("filename.ext");  
require_once("filename.ext");
```

### data encrypt

md5()	encrypt data in 32 digit hexadecimal
sha1()	encrypt data in 40 digit hexadecimal

### page redirect (server side)

header("location:filename.ext");	php
location.href = "filename.ext";	javascript

### data encrypt and decrypt

```
$data = "Hello";  
$enc = convert_uuencode($data);  
echo $enc;  
$dec = convert_uudecode($enc);  
echo $dec;
```

//empty(); check empty or not, it consider 0 as no data

```
$a = 0;
```

```
if(empty($a))  
{
```

```
        echo "Data Not Availaible";
    }
    else
    {
        echo "Data Availaible";
    }
}
```

**// isset()                      check data availaible or not, it consider 0 as data**

```
$x = 0;

if(isset($x))
{
    echo "Data Availaible";
}
else
{
    echo "Not Availaible";
}
```