

PHP String Functions

strlen
str_replace
substr
trim
rtrim
ltrim
strtolower
strtoupper
ucwords
ucfirst

PHP Array Functions

print_r
count
in_array
max
min
sort
rsort
array_values
array_keys
explode
implode
array_push

PHP Other Functions

is_bool
is_int
is_string
is_array
isset
empty
unset
var_dump
file_exists
file_get_contents

file_put_content

unlink

PHP String Functions Example

strlen

```
$str = 'abcdef';  
echo strlen($str); // 6  
  
$str = ' ab cd ';  
echo strlen($str); // 7
```

str_replace

```
$str = 'Hello World!';  
$search = 'World!';  
$replace = 'PHP';  
echo str_replace($search, $replace, $str);
```

substr

```
echo substr('abcdef', 1);      // bcdef  
echo substr('abcdef', 1, 3);   // bcd  
echo substr('abcdef', 0, 4);   // abcd  
echo substr('abcdef', 0, 8);   // abcdef  
echo substr('abcdef', -1, 1);  // f
```

trim

```
$str = '  Hello World!  ';  
echo strlen($str);  
echo strlen(trim($str));
```

rtrim

```
$str = 'Hello World!   ';  
echo strlen($str);  
echo strlen(rtrim($str));
```

ltrim

```
$str = 'Hello World!   ';  
echo strlen($str);  
echo strlen(ltrim($str));
```

strtolower

```
$str = "Mary Had A Little Lamb and She LOVED It So";  
$str = strtolower($str);  
echo $str; // Prints mary had a little lamb and she loved it so
```

strtoupper

```
$str = "Mary Had A Little Lamb and She LOVED It So";  
$str = strtoupper($str);  
echo $str; // Prints MARY HAD A LITTLE LAMB AND SHE LOVED IT SO
```

ucwords

```
$foo = 'hello world!';  
$foo = ucwords($foo);           // Hello World!
```

ucfirst

```
$foo = 'hello world!';  
$foo = ucfirst($foo);
```

PHP Array Functions Example

print_r

```
$a = array ('a' => 'apple', 'b' => 'banana', 'c' => array ('x', 'y', 'z'));  
print_r ($a);  
//result  
Array  
(  
    [a] => apple  
    [b] => banana  
    [c] => Array  
        (  
            [0] => x  
            [1] => y  
            [2] => z  
        )  
)
```

count

```
$food = array('orange', 'banana', 'apple');  
echo count($food); // output 3
```

in_array

```
$food = array('orange', 'banana', 'apple');  
if (in_array("orange", $os)) {  
    echo "found";  
}
```

max

```
echo max(2, 3, 1, 6, 7); // 7  
echo max(array(2, 4, 5)); // 5
```

min

```
echo min(2, 3, 1, 6, 7); // 1  
echo min(array(2, 4, 5)); // 2
```

sort

```
$fruits = array("lemon", "orange", "banana", "apple");  
sort($fruits);  
print_r($fruits) // Array ( [0] => apple [1] => banana [2] => lemon [3] => orange )
```

rsort

```
$fruits = array("lemon", "orange", "banana", "apple");
rsort($fruits);
print_r($fruits) // Array ( [0] => orange [1] => lemon [2] => banana [3] => apple )
```

array_values

```
$array = array("size" => "XL", "color" => "gold");
print_r(array_values($array));
/*Array
(
    [0] => XL
    [1] => gold
)*/
```

array_keys

```
$array = array(0 => 100, "color" => "red");
print_r(array_keys($array));
/*Array
(
    [0] => 0
    [1] => color
)*/
```

explode

```
$pizza = "piece1 piece2 piece3 piece4 piece5 piece6";
$pieces = explode(" ", $pizza);
echo $pieces[0]; // piece1
echo $pieces[1]; // piece2
```

implode

```
$array = array('lastname', 'email', 'phone');
$comma_separated = implode(",", $array);

echo $comma_separated; // lastname,email,phone
```

array_push

```
$stack = array("orange", "banana");
array_push($stack, "apple", "raspberry");
print_r($stack);
```