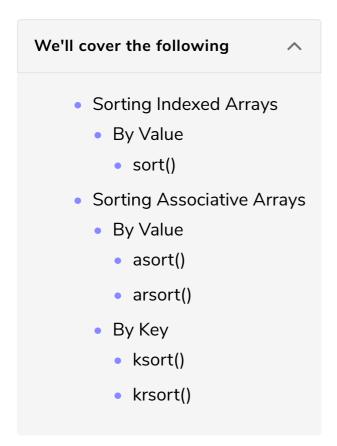
Sorting Arrays

Learn how to sort arrays in PHP.



Sorting Indexed Arrays

By Value # sort()

sort() is a built-in function in PHP that can be used to sort arrays in ascending
order., in ascending order, by value. The associated keys are not preserved during
this. Run the code below to see an example of sort().

```
<?php
$fruits = ['Rasberry', 'Orange', 'Apricot', 'Banana', 'Apple', 'Olive']; //defining and array
sort($fruits); //applying the sort function
print_r($fruits); //printing the sorted array
?>
```

Sorting Associative Arrays

asort() #

asort() is a built-in function in PHP that can be used to sort associative arrays in ascending order. Since associative arrays are key-value pairs, asort sorts the associative array on values. Keys with each value will be preserved. Run the code below to see an example of asort().

```
<?php
$fruits = [1=>'Rasberry',2=> 'Orange',3=> 'Apricot',4=>'Banana', 5=>'Apple',6=>'Olive' ]; //definion
asort($fruits); //applying the sort function
print_r($fruits); //printing the sorted array
```







arsort()

arsort() is a built-in function in PHP that can be used to sort associative arrays in descending order based on their values. As with the asort function, arsort also preserves the keys with each value.

```
<?php
$fruits = [1=>'Rasberry',2=> 'Orange',3=> 'Apricot',4=>'Banana', 5=>'Apple',6=>'Olive' ]; //definion
arsort($fruits); //applying the sort function
print_r($fruits); //printing the sorted array
5>
```









By Key

ksort() #

ksort() is a built-in function in PHP that can be used to sort an associative array, in ascending order, by key. The associated values are preserved during this sort.

Run the code below to see an example of ksort().

```
<?php
$fruits = ['f'=>'Rasberry','d'=>'Orange','a'=> 'Apricot','c'=>'Banana', 'b'=>'Apple','e'=>'Olive'
ksort($fruits); //applying the sort function
print_r($fruits); //printing the sorted array
?>
```







krsort()#

krsort() is a built-in function in PHP that be used to sort an associative array in
descending order, by key. The associated values are preserved during this sort."

Run the code below to see an example of krsort().

```
<?php
$fruits = ['d'=>'Rasberry','b'=>'Orange','a'=> 'Apricot','e'=>'Banana', 'f'=>'Apple','c'=>'Olive'
krsort($fruits); //applying the sort function
print_r($fruits); //printing the sorted array
?>
```

The next lesson will discuss how you can merge two arrays together.