# PHP asort() Function

**Topics :** PHP Functions
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PHP asort() Function is used to sort an associative array in ascending order. An asort() function is built-in function in PHP.

## Syntax :

asort(array $array , $sort_type = SORT_REGULAR);

## Parameter,

***$array :*** Required. It is input array.

$sort_type : Optional. $sort_type may be used to modify the sorting behavior using below values.

1. SORT_REGULAR - Default. Compare items normally (don't change types).
2. SORT_NUMERIC - Compare items numerically.
3. SORT_STRING - Compare items as strings.
4. SORT_LOCALE_STRING - Compare items as strings that based on current locale.
5. SORT_NATURAL - Compare items as strings using natural ordering.
6. SORT_FLAG_CASE - It can be combined with SORT_STRING or SORT_NATURAL to sort strings case-insensitively.

## Return Values :

It returns true on success or false on failure. A asort() Function sorts an associative array in ascending order according to the value and maintain its preserved index key.

Let's see below example to understand php asort() Function in details.

**Example :**

```
<?php
$array = array("a"=>"HTML","b"=>"MYSQL","c"=>"PHP","d"=>"JAVA","e"=>"ASP");
echo "<br><br>A asort() Function sorts an associative array in ascending order<br>";
asort($array);
foreach($array as $key => $value)
{
echo "<br/> Key : $key ; Value : $value";
```

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```
}
?>
```

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