

# Array Function

- 1) Array\_filter:- This is the function what is filter array value as we define with a function called callback function.

Example:

```
<?php
    function eventNumber($myVariable)
    {
        return($myVariable % 2 == 0);
    }

    $myArray=array(1,2,3,4);

    print_r(array_filter($myArray,"eventNumber"));

?>
```

Result: Array ( [1] => 2 [3] => 4 )

- 2) Array\_flip: In this function a array key make there value and value make key.

Example:

```
<?php
    $myArray=array("Name"=>"Imran","Roll"=>"113827");

    $student=array_flip($myArray);

    print_r($student);

?>
```

Result: Array ( [Imran] => Name [113827] => Roll )

3) Array\_key\_exists: Check the specify key what is in array or not?

Example:

```
<?php
    $myArray=array("Name"=>"IMRAN","From"=>"Bangladesh");

    if (array_key_exists("Name",$myArray))
    {
        echo "Yes, Name in there.";
    }
    else
    {
        echo "Not, no any name key on array.";
    }

?>
```

Result: Yes, Name in there.

4) Array\_keys: Used this function we got all key from a array.

Example:

```
<?php
$nameArray=array("First Name"=>"Imran","LastNaem"=>"Hossain");

    print_r(array_keys($nameArray))

?>
```

Result: Array ( [0] => First Name [1] => Last Naem )

5) Array\_pad: Insert any type of array element in a array as you Want.

Example:

```
<?php
$myLove=array("I","lOve","you","so");

print_r(array_pad($myLove,10,"much."));
?>
```

Result: Array ( [0] => I [1] => lOve [2] => you [3] => so [4] => much. [5] => much. [6] => much. [7] => much. [8] => much. [9] => much. )

6) Array\_pop: Removing array last element and show result.

Example:

```
<?php

$NameList=array("Book","Pen","Mobile");

array_pop($NameList);

print_r($NameList);
?>
```

Result: Array ( [0] => Book [1] => Pen )

7) array\_push: This function working inversely on array\_pop.

8) array\_rand: Return one or more key from an array as Randomly.

Example:

```
<?php
$NameList=array("Book","Pen","Mobile");

array_pop($NameList);

print_r($NameList);
?>
```

Result: Array ( [0] => 0 [1] => 4 )

9) array\_replace: Replace first array value with the second array value.

Example:

```
<?php
$NameList=array("Book","Pen","Mobile");

array_pop($NameList);

print_r($NameList);
?>
```

Result: Array ( [0] => 0 [1] => 4 )

10) array\_replace:

Example:

```
<?php
$Firstarray=array("Father","Mother","Sister","Brother");

$Secondarray=array("Hossain.", "Begum", "Misty", "Monit");

print_r(array_replace($Firstarray,$Secondarray));
?>
```

Result: Array ( [0] => Hossain. [1] => Begum [2] => Misty [3] => Monit )

- 11)      `array_search`: Search a value and return the value key.

Example:

```
<?php
$myArray=array("FirstColor"=>"red","SecondColor"=>"green","ThirdColor"=>"blue");
echo array_search("green",$myArray);
?>
```

Result: ThirdColor

- 12)      `array_reverse`: Print a array element in reverse order.

Example:

```
<?php

$reverseArray=array("Man"=>"Owman","Boy"=>"Girl");
print_r(array_reverse($reverseArray));
?>
```

Result: Array ( [Boy] => Girl [Man] => Owman )

- 13)      `array_shift`: This is the function what is remove the first element and print or returned the value of element.

Example:

```
<?php

$myArray=array("1"=>"one","2"=>"two","3"=>"three");
```

```
echo array_shift($myArray)
?>
```

Result: one

14) `array_unshift`: This function working reversely with `array_shift`, On Beginning an array add one or more element.

15) `array_values`: We got all value from an array used this function.

Example:

```
<?php

$myArray=array("1"=>"one","2"=>"two","3"=>"three");

print_r(array_values($myArray));
?>
```

Result: Array ( [0] => one [1] => two [2] => three )