

Array In Php 2020 (Ducat 16 April 2020)

Array : Array is a collection of element, which used for store multiple value in single location

type of array

- 1 index array (numbered array)
- 2 associative array
- 3 multidimensional array

1 Index array

In this array index(keys) of array always in numeric value and it start from 0

syntax

```
array name = array(value,value,value,value);
```

or

```
array name = [value,value,value,value];
```

e.g.

```
$arr = array(45,"red",82.6);
```

or

```
$arr = [45,"red",82.6];
```

or

```
$arr[0] = 45;  
$arr[1] = "red";
```

```
$arr[2] = 82.6;
```

```
echo $arr[0];
```

size of array

```
sizeof(arrayname)
```

```
count(arrayname)
```

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

`print_r(arrayname);` print array index and values

2 Associative Array

In this array index(keys) of array can be alpha or numeric or alphanumeric

syntax

```
arrayname = array('index'=>'value','index'=>'value')
```

or

```
arrayname = ['index'=>'value','index'=>'value'];
```

e.g.

```
$arr = array('a'=>'red','8'=>'95.6','c3'=>'99');
```

or

```
$arr = ['a'=>'red','8'=>'95.6','c3'=>'99'];
```

or

```
$arr['a'] = 'red';  
$arr[8] = 95.6;  
$arr['c3'] = 99;
```

3 Multidimensional array

Array within array is called multidimensional array

```
$arr = array(array(4,5,6),array(7,8,9));
```

or

```
$arr = [[4,5,6],[7,8,9]];
```

```
echo $arr[0][1];
```

```
$arr =  
[ 'India'=>[ 'capital'=>'Delhi', 'currency'=>'Ruppee' ], 'USA'=>[ 'cap  
ital'=>'Washington', 'currency'=>'Dollar' ], 'Pakistan'=>[ 'capital'  
=>'Islamabad', 'currency'=>'Ruppee' ] ];
```

or

```
$arr['India']['capital'] = "Delhi";
```

