

In PHP, arrays are used to store multiple values under a single variable name.

PHP supports various types of arrays, each with its own characteristics and use cases.

The main types of arrays used in PHP are:

1. Indexed Arrays

An indexed array is a collection of elements where each element is assigned a numeric index, starting from 0 for the first element, then 1 for the second, and so on.

Example

PHP

```
$fruits = array('apple', 'banana');
```

2. Associative Arrays

Associative arrays use named keys (or strings) to access their elements, instead of numeric indexes. Each element in an associative array is associated with a unique key-value pair.

Example

PHP

```
$student = array(  
    'name' => 'John',  
    'age' => 25
```

```
);
```

3. Multidimensional Arrays

Multidimensional arrays are arrays of arrays.

Example

```
PHP
```

```
$contacts = array(  
    array('John', 'john@example.com'),  
    array('Jane', 'jane@example.com')  
);
```

4. Array of Objects

Arrays containing objects as elements.

Example

```
PHP
```

```
class Person {  
    public $name;  
    public $age;  
  
    public function __construct($name, $age) {  
        $this->name = $name;  
        $this->age = $age;  
    }  
}
```

```
}  
}  
  
$people = array(  
    new Person('John', 25),  
);
```

5. Short Array Syntax

Since PHP 5.4, you can use a shorter syntax to define arrays using square brackets [] instead of the array() function.

Example

PHP

```
$fruits = ['apple', 'banana', 'orange'];
```

Related posts:

1. Write brief introduction of PHP with its origin
2. Why PHP is better than its alternatives? Explain
3. Explain interfaces to external system in PHP ?
4. What are the hardware and software requirement of PHP
5. Why is PHP known as scripting language?
6. What does a PHP Script look like? Explain
7. Describe the basics of web designing
8. What is WYSIWYG?
9. How PHP helps in designing the webpage? Give relevant example

10. How can we receive user input in PHP? Give examples
11. Explain the procedure to repeat code in PHP.
12. Explain the working of PHP script.
13. What is the basic syntax of PHP? Explain with example
14. Explain various data types in PHP ?
15. What is Google caffeine? How it works? What are its benefits
16. Explain various types of operators available in PHP.
17. How can we display data type information in PHP? Give example
18. How can we change data type? Explain
19. Explain variable manipulation in PHP
20. What are dynamic variables in PHP? Explain
21. Explain static vs. dynamic optimization
22. What is web analytics? Explain.
23. Describe analytics and ROI concept. How we can calculate ROI? Write its advantages and disadvantages.
24. What are the functions to format string for presentation? Explain
25. How can we format string for storage in PHP? Explain
26. Explain string comparison in PHP.
27. Explain the functions to match and replace strings.
28. What are control structures? Explain types of if conditional statement in PHP
29. Write a program code for Switch Statement.
30. Explain the use of '?' Operator in PHP
31. How can we use while loop in PHP ? Give example
32. Write a program code for do-while Statement in PHP.
33. Explain the use of for loop in PHP with example
34. Explain break and continue statement in PHP
35. What are nested loops ?

Explain various types of Arrays used in PHP ?

36. What is a Function? How can we call a function
37. Explain creating a function in PHP.
38. Explain the Dynamic Function Calls in PHP ?
39. Explain Function Calls with the static Statement in PHP ?
40. Write short notes on Error Tracking and Debugging in PHP.
41. Write down the procedure for form validation using Java Script.
42. Write the differences between Include and Require in PHP
43. Write the differences between GET and POST method in PHP
44. PHP Short Notes for DAVV MBA