

PHP Output

echo
print
var_dump

PHP Variable

string
integer
float
boolean
array

PHP Array

indexed_array
associative_array
multidimensional_array

PHP Operator

Arithmetic operators
Assignment operators
Comparison operators
Increment/Decrement operators
Logical operators
String operators
Condition
Loop
Function
Session
Cookie

PHP Output Example

echo

```
echo "Hello PHP!"
```

print

```
print "Hello PHP!"
```

var_dump

```
var_dump("Hello PHP!");
```

PHP Variable Example

string

```
$msg = "Hello World!";  
var_dump($msg);
```

integer

```
$msg = 12345;  
var_dump($msg);
```

float

```
$msg = 12345.789;  
var_dump($msg);
```

boolean

```
$msg = true; // or $msg = false;  
var_dump($msg);
```

array

```
$msg = [1, 2, 3, 4, 5];  
var_dump($msg);
```

PHP Array Example

indexed_array

```
$array = array(1, 2, 3, 4, 5); // as of PHP 5.4  
$array = [1, 2, 3, 4, 5];
```

associative_array

```
$array = [  
    "foo" => "bar",  
    "bar" => "foo",  
];
```

multidimensional_array

```
$array = [  
    "foo" => "bar",  
    "bar" => [1, 2, 3, 4, 5],  
    "foobar" => [  
        "foo" => "bar",  
        "bar" => "foo",  
    ]  
];
```

PHP Operator Example

Arithmetic operators

```
echo 5 + 3;    // prints 8
echo 5 - 3;    // prints 2
echo 5 * 3;    // prints 15
echo 6 / 3;    // prints 2
echo 6 % 3;    // prints 0
```

Assignment operators

```
$a = 3;
$a += 5; // sets $a to 8, as if we had said: $a = $a + 5;
$b = "Hello ";
$b .= "There!"; // sets $b to "Hello There!", just like $b = $b . "There!";
```

Comparison operators

```
var_dump(1 == 1); // true
var_dump(1 != 2); // false
var_dump(1 > 2);  // false
var_dump(1 < 2);  // true
var_dump(1 >= 2); // false
var_dump(1 <= 2); // true
```

Increment/Decrement operators

```
// increment
$i = 1;
echo $i; // 1
$i += 1;
echo $i; // 2
$i++;
echo $i; // 3
echo ++$i; // 4

// decrement
$i = 5;
echo $i; // 5
$i -= 1;
echo $i; // 4
$i--;
echo $i; // 3
echo --$i; // 2
```

Logical operators

```
var_dump(false and true); // false
var_dump(false or true);  // true
var_dump(false && true);  // false
var_dump(false || true);  // true
```

String operators

```
$a = "Hello ";
$b = $a . "World!"; // now $b contains "Hello World!"

$a = "Hello ";
$a .= "World!";      // now $a contains "Hello World!"
```

Session

```
session_start();

$_SESSION['msg'] = 'Hello PHP';
echo $_SESSION['msg'];

// remove session variables
unset($_SESSION['msg']);

// remove all session variables
session_unset();

// destroy the session
session_destroy();
```

Cookie

```
Setting new cookie
=====
setcookie("msg","Hello PHP",time()+60); // 1 minute

Getting Cookie
=====
echo $_COOKIE["msg"];

Updating Cookie
=====
setcookie("msg","Hello World");
echo $_COOKIE["msg"];

Deleting Cookie
=====
unset($_COOKIE["msg"]);
/*Or*/
setcookie("yourcookie","yourvalue",time()-1);
/*it expired so it's deleted*/
```