LAPORAN PRAKTIKUM PHP EXERCISES W3SCHOOL

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**PHP EXERCISES W3SCHOOL**

# PHP TUTORIAL

## **PHP Syntax**

### Exercise 1

Insert the missing part of the code below to output "Hello World"

echo “Hello World”;

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### Exercise 2

Write the correct opening tag and close tag for PHP scripts

<? php

echo “This is PHP”; ?>

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### Exercise 3

Single-line comments in PHP can be written using two different prefixes, write one of them.

// This is single line comment

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### Exercise 4

Insert the correct characters to write a multi-line comment.

/\* This is a

multi-line

commnent \*/

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### Exercise 5

Statements in PHP have to end with a special character, which one?

echo “Hello World”;

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## **PHP Variabels**

### Exercise 1

Create a variable named txt and assign the value "Hello".

$txt=”Hello”;

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### Exercise 2

Create one variable named x, and one variable named y, then use the echo statement to output the sum of x and y.

$x = 5;

$y = 7;

echo $x+$y;

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## **PHP String**

### Exercise 1

Get the length of the string "Hello World!".

echo strlen(“Hello World”);

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### Exercise 2

Reverse the string "Hello World!".

echo strrev(“Hello World”);

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### Exercise 3

Replace the word "World" with the word "Dolly".

$oldtxt = “Hello World”

$newtxt = str\_replace(“World”,”Dolly”,$oldtxt)

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## **PHP Operators**

### Exercise 1

Multiply 10 with 5, and output the result.

echo 10\*5;

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### Exercise 2

Divide 10 by 2, and output the result.

echo 10/2;

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### Exercise 3

Use the correct comparison operator to check if $a is equal to $b.

var\_dump($a==$b);

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### Exercise 4

Use the correct comparison operator to check if $a is NOT equal to $b.

var\_dump($a!=$b);

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## **PHP IF Else**

### Exercise 1

Output "Hello World" if $a is greater than $b.

$a=50;

$b=10;

if ($a > $b){

echo “Hello World”; }

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### Exercise 2

Output "Hello World" if $a is NOT equal to $b.

$a=50;

$b=10;

if ($a != $b){

echo “Hello World”; }

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### Exercise 3

Output "Yes" if $a is equal to $b, otherwise output "No".

$a=50;

$b=10;

if ($a == $b){

echo “Yes”;}

else {

echo “No”;}

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### Exercise 4

Output "1" if $a is equal to $b, print "2" if $a is greater than $b, otherwise output "3".

$a = 50;

$b = 10;

if ($a == $b) {

echo "1";

} elseif ($a > $b) {

echo "2";

} else {

echo "3";

}

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## **PHP Switch**

### Exercise 1

Create a switch statement that will output "Hello" if $color is "red", and "welcome" if $color is "green".

switch ($color){

case “red”:

echo “Hello”;

break;

case “green”:

echo “Welcome”;

break;}

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### Exercise 2

Add a section that will output "Neither" if $color is neither "red" nor "green".

switch ($color){

case “red”:

echo “Hello”;

break;

case “green”:

echo “Welcome”;

break;

default : echo “Neither”;}

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## **PHP Loop**

### Exercise 1

Output $i as long as $i is less than 6.

$i=1;

while($i<6){

echo $i;

$i++;}

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* 1. Exercise 2

Output $i as long as $i is less than 6.

$i=1;

do{

echo $i;

$i++;}

while ($i<6);

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* 1. Exercise 3

Create a loop that runs from 0 to 9.

for ($i=0; $i<10; $i++){

echo $i;}

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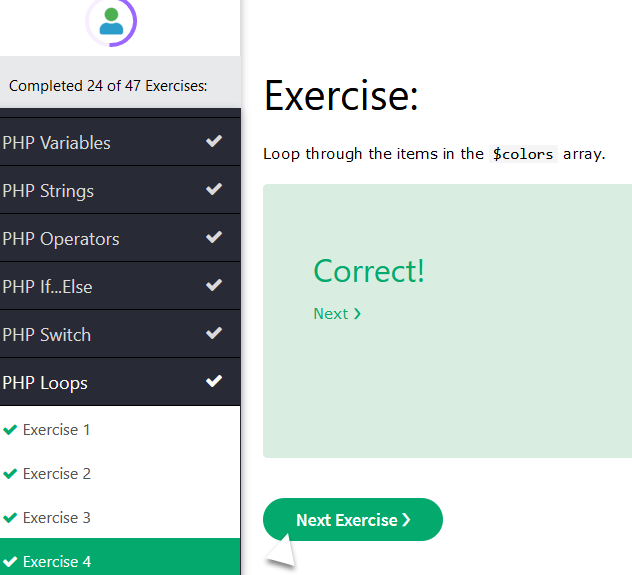
* 1. Exercise 4

Create a loop that runs from 0 to 9.

$color = array(“red”,”green”,”blue”,”yellow”);

foreach ($color as $x){

echo $x;}



## **PHP Functions**

### Exercise 1

Create a function named myFunction.

function myFunction(){

echo “Hello World”;}

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### Exercise 2

Call (execute) a function named myFunction.

function myFunction(){

echo “Hello World”;}

myFunction();

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### Exercise 3

Inside a function with two parameters, print the first parameter.

function myFunction($fname, $lname){

echo $fname;}

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### Exercise 4

Let the function return the second value.

function myFunction($fname, $lname){

return.$lname;}

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## **PHP Arrays**

### Exercise 1

Use the correct function to output the number of items in an array.

$fruits = array("Apple", "Banana", "Orange");

echo count($fruit);

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### Exercise 2

Output the second item in the $fruits array.

$fruits = array("Apple", "Banana", "Orange");

echo $fruit[1];

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### Exercise 3

Create an associative array containing the age of Peter, Ben and Joe.

$age = array("Peter"=>"35", "Ben"=>"37", "Joe"=>"43");

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### Exercise 4

Here you see an associative array. Output "age" of Ben.

$age = array("Peter"=>"35", "Ben"=>"37", "Joe"=>"43");

echo “Ben is ”.$age[‘Ben’].”years old”;

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### Exercise 5

Loop through an associative array and output the key and the value.

foreach($age as $x => $y)

echo “Key”.$x.”, Value=”.$y;}

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### Exercise 6

Use the correct array method to sort the $colors array alphabetically.

$color = array(“red”,”green”,”blue”,”yellow”);

sort($colors);

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### Exercise 7

Use the correct array method to sort the $colors array descending alphabetically.

$color = array(“red”,”green”,”blue”,”yellow”);

rsort($colors);

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### Exercise 8

Use the correct array method to sort the $age array according to the values.

$age = array("Peter"=>"35", "Ben"=>"37", "Joe"=>"43");

asort($age);

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## **PHP Form**

### Exercise 1

If the form in the white section below gets submitted, how can you, in welcome.php, output the value from the "first name" field.

<form action="welcome.php" method="get">

First name: <input type="text" name="fname">

</form>

<html>

<body>

Welcome <?php echo $\_GET[“fname”] ; ?>

</body>

</html>

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### Exercise 2

If the form in the white section below gets submitted, how can you, in welcome.php, output the value from the "first name" field?.

Hint: The http method is not the same as in Exercise 1.

<form action="welcome.php" method="get">

First name: <input type="text" name="fname">

</form>

<html>

<body>

Welcome <?php echo $\_POST[“fname”] ; ?>

</body>

</html>

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## **PHP Dates**

### Exercise 1

Use the correct date function to output the weekday of today (monday, tuesday etc.).

echo date(“1”);

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### Exercise 2

Use the correct format parameter to output a date like this: 2021.10.12.

echo date(“Y.m.d”);

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### Exercise 3

Use the correct format parameter to output the time like this: 22:22:19 (with hour as a 24-hour format).

echo date(“H:i:s”);

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## **PHP Advanced**

### Exercise 1

Write a correct syntax to include a file named "footer.php".

<?php include ‘footer.php’;?>

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### Exercise 2

Assume we have a file named "webdict.txt", write the correct syntax to open and read the file content.

echo readfile(“webdict.txt”);

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### Exercise 3

Open a file, and write the correct syntax to output one character at the time, until end-of-file.

$myfile = fopen("webdict.txt", "r");

while(!feof($myfile)) {

echo fgetc($myfile);}

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### Exercise 4

Create a cookie named "username".

setcookie("username", "John", time() + (86400 \* 30), "/");

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### Exercise 5

Create a session variable named "favcolor".

session\_start();

$\_SESSION[“favcolor”]=”green”;

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### Exercise 6

Output the value of the session variable "favcolor".

echo $\_SESSION["favcolor"];

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