3

<?php

// echo 'hello, ninjas';

?>

<!DOCTYPE html>

<html>

<head>

<title>my first PHP file</title>

</head>

<body>

<h1><?php echo 'hello, ninjas' ?></h1>

</body>

</html>

………………………………………………………………………………………………….

<?php

define('NAME', 'Yoshi');

// $name = 'Yoshi';

$age = 30;

// $name = 'Mario';

define('NAME', 'Mario');

?>

<!DOCTYPE html>

<html>

<head>

<title>PHP Tutorials</title>

</head>

<body>

<h1>User profile page</h1>

<div><?php echo NAME; ?></div>

<div><?php echo $age; ?></div>

</body>

</html>

4

<?php

define('NAME', 'Yoshi');

// $name = 'Yoshi';

$age = 30;

// $name = 'Mario';

define('NAME', 'Mario');

?>

<!DOCTYPE html>

<html>

<head>

<title>PHP Tutorials</title>

</head>

<body>

<h1>User profile page</h1>

<div><?php echo NAME; ?></div>

<div><?php echo $age; ?></div>

</body>

</html>

5

<?php

$stringOne = 'my email is ';

$stringTwo = 'mario123@thenetninja.co.uk';

echo $stringOne.$stringTwo;

$name = 'mario';

// concatenation

echo 'Hey, my name is '.$name;

// variable interpolation

echo "Hey, my name is $name";

// escaping characters

echo "the ninja screamed \"whaaa\"";

echo 'the ninja scream "whaaa"';

// get single characters

echo $name[1];

// string functions

echo strlen($name);

echo strtoupper($name);

echo strtolower($name);

echo str\_replace('m', 'w', $name);

?>

<!DOCTYPE html>

<html>

<head>

<title>PHP Tutorials</title>

</head>

<body>

<p><?php echo $name; ?></p>

</body>

</html>

6

<?php

$radius = 25;

$pi = 3.14;

// basic operators - \*, /, +, -, ^

echo $pi \* $radius^2;

// order of operation (B I D M A S)

echo 2 \* (4 + 5) / 3;

// increment & decrement operators

echo $radius++;

echo $pi--;

// shorthand operations

$age = 20;

$age += 10; // age becomes 30

$age -= 5; // age becomes 25

$age \*= 2; // age becomes 50

echo $age;

// number functions

echo floor($pi);

echo ceil($pi);

echo pi();

?>

<!DOCTYPE html>

<html>

<head>

<title>PHP Tutorials</title>

</head>

<body>

<p><?php echo $age; ?></p>

</body>

</html>

**7**

**<?php**

**// indexed arrays**

$peopleOne = ['shaun', 'crystal', 'ryu'];

//echo $peopleOne[1];

$peopleTwo = array('ken', 'chun-li');

//echo $peopleTwo[1];

$ages = [20, 30, 40, 50];

//print\_r($ages);

$ages[1] = 25;

//print\_r($ages);

$ages[] = 10;

array\_push($ages, 70);

//print\_r($ages);

//echo array\_pop($ages);

//print\_r($ages);

//echo count($ages);

$peopleThree = array\_merge($peopleOne, $peopleTwo);

//print\_r($peopleThree);

// associative array (key & value pairs)

$ninjasOne = ['shaun' => 'black', 'mario' => 'orange', 'luigi' => 'brown'];

//echo $ninjasOne['mario'];

//print\_r($ninjasOne);

$ninjasTwo = array('bowser' => 'green', 'peach' => 'yellow');

//print\_r($ninjasTwo);

$ninjasTwo['toad'] = 'pink';

//echo count($ninjasTwo);

$ninjasThree = array\_merge($ninjasOne, $ninjasTwo);

print\_r($ninjasThree);

**?>**

**<!DOCTYPE html>**

**<html>**

**<head>**

**<title>PHP Tutorials</title>**

**</head>**

**<body>**

**<p></p>**

**</body>**

**</html>**

8

<?php

// multidimensional array

$blogs = [

['title' => 'mario party', 'author' => 'mario', 'content' => 'lorem'],

['title' => 'mariokart cheats', 'author' => 'toad', 'content' => 'lorem'],

['title' => 'zelda hidden chests', 'author' => 'link', 'content' => 'lorem']

];

//print\_r($blogs);

//print\_r($blogs[2]);

//echo $blogs[1]['title'];

//echo count($blogs);

$blogs[] = ['title' => 'castle party', 'author' => 'peach', 'content' => 'lorem'];

//print\_r($blogs);

$popped = array\_pop($blogs);

//print\_r($popped);

?>

<!DOCTYPE html>

<html>

<head>

<title>PHP Tutorials</title>

</head>

<body>

<p></p>

</body>

</html>

9

<?php

$ninjas = ['shaun', 'ryu', 'yoshi'];

// for($i = 0; $i < count($ninjas); $i++){

// echo $ninjas[$i] . '<br />';

// }

// foreach($ninjas as $ninja){

// echo $ninja . ' <br/>';

// }

$products = [

['name' => 'shiny star', 'price' => 20],

['name' => 'green shell', 'price' => 10],

['name' => 'red shell', 'price' => 15],

['name' => 'gold coin', 'price' => 5],

['name' => 'lightning bolt', 'price' => 40],

['name' => 'banana skin', 'price' => 2]

];

// foreach($products as $product){

// echo $product['name'] .' - '. $product['price'];

// echo '<br />';

// }

$i = 0;

while($i < count($products)){

echo $products[$i]['name'];

echo '<br />';

$i++;

}

?>

<!DOCTYPE html>

<html>

<head>

<title>PHP Tutorials</title>

</head>

<body>

<h1>Products</h1>

<ul>

<?php foreach($products as $product){ ?>

<h3><?php echo $product['name']; ?></h3>

<p>£<?php echo $product['price']; ?></p>

<?php } ?>

</ul>

</body>

</html>

10

|  |
| --- |
| <?php |
|  |  |
|  | // comparisons & booleans (true or false) |
|  | //echo true // echo's "1" |
|  | //echo false // echo's "" |
|  |  |
|  | // numbers |
|  | //echo 5 < 10; |
|  | //echo 5 > 10; |
|  | //echo 5 == 10; |
|  | //echo 10 == 10; |
|  | //echo 5 != 10; |
|  | //echo 5 <= 5; |
|  | //echo 5 >= 5; |
|  |  |
|  | // strings |
|  | //echo 'shaun' < 'yoshi'; |
|  | //echo 'shaun' > 'yoshi'; |
|  | //echo 'shaun' > 'Shaun'; |
|  | //echo 'mario' == 'mario'; |
|  | //echo 'mario' == 'Mario'; |
|  |  |
|  | // loose vs strict equal comparison |
|  |  |
|  | //echo 5 == '5'; |
|  | //echo 5 === '5'; |
|  | //echo 5 === 5; |
|  |  |
|  | //echo true == 1; |
|  | echo true === 1; |
|  |  |
|  | ?> |
|  |  |
|  | <!DOCTYPE html> |
|  | <html> |
|  | <head> |
|  | <title>PHP Tutorials</title> |
|  | </head> |
|  | <body> |
|  |  |
|  | </body> |
|  | </html> |

11

<?php

// conditional statements

// $price = 20;

// if($price < 30){

// echo 'if condition met';

// } elseif($price === 20) {

// echo 'elseif condition met';

// } else {

// echo 'condition not met';

// }

$products = [

['name' => 'shiny star', 'price' => 20],

['name' => 'green shell', 'price' => 10],

['name' => 'red shell', 'price' => 15],

['name' => 'gold coin', 'price' => 5],

['name' => 'lightning bolt', 'price' => 40],

['name' => 'banana skin', 'price' => 2]

];

foreach($products as $product){

// if($product['price'] < 15 && $product['price'] > 2){

// echo $product['name'] . '<br />';

// }

// if($product['price'] > 20 || $product['price'] < 10){

// echo $product['name'] . '<br />';

// }

}

?>

<!DOCTYPE html>

<html>

<head>

<title>PHP Tutorials</title>

</head>

<body>

<div>

<ul>

<?php foreach($products as $product){ ?>

<?php if($product['price'] > 15){ ?>

<li><?php echo $product['name'] ?></li>

<?php } ?>

<?php } ?>

</ul>

</div>

</body>

</html>

12

<?php

// conditional statements

// $price = 20;

// if($price < 30){

// echo 'if condition met';

// } elseif($price === 20) {

// echo 'elseif condition met';

// } else {

// echo 'condition not met';

// }

$products = [

['name' => 'shiny star', 'price' => 20],

['name' => 'green shell', 'price' => 10],

['name' => 'red shell', 'price' => 15],

['name' => 'gold coin', 'price' => 5],

['name' => 'lightning bolt', 'price' => 40],

['name' => 'banana skin', 'price' => 2]

];

foreach($products as $product){

// if($product['price'] < 15 && $product['price'] > 2){

// echo $product['name'] . '<br />';

// }

// if($product['price'] > 20 || $product['price'] < 10){

// echo $product['name'] . '<br />';

// }

}

?>

<!DOCTYPE html>

<html>

<head>

<title>PHP Tutorials</title>

</head>

<body>

<div>

<ul>

<?php foreach($products as $product){ ?>

<?php if($product['price'] > 15){ ?>

<li><?php echo $product['name'] ?></li>

<?php } ?>

<?php } ?>

</ul>

</div>

</body>

</html>

13

<?php

// functions

function sayHello($name = 'shaun', $time = 'morning'){

echo "Good $time, $name";

}

//sayHello();

//sayHello('mario');

sayHello('yoshi', 'night');

function formatProduct($product){

// echo "{$product['name']} costs £{$product['price']} to buy <br />";

return "The {$product['name']} costs £{$product['price']} to buy <br />";

}

//formatProduct(['name' => 'gold star', 'price' => 20]);

// $formatted = formatProduct(['name' => 'gold star', 'price' => 20]);

// echo $formatted;

?>

<!DOCTYPE html>

<html>

<head>

<title>PHP Tutorials</title>

</head>

<body>

</body>

</html>

14

<?php

// variable scope

// local vars

function myFunc(){

$price = 10;

echo $price;

}

// myFunc();

// echo $price;

function myFuncTwo($age){

echo $age;

}

// myFuncTwo(25);

// echo $age;

// global variables

$name = 'mario';

// function sayHello(){

// global $name;

// $name = 'yoshi';

// echo "hello $name ";

// }

// sayHello();

// echo $name;

function sayBye(&$name){

$name = 'wario';

echo "bye $name ";

}

sayBye($name);

echo $name;

?>

<!DOCTYPE html>

<html>

<head>

<title>PHP Tutorials</title>

</head>

<body>

</body>

</html>

15

<?php

//include('ninjass.php');

//require('ninjass.php');

//include 'ninjas.php';

//require 'ninjas.php';

//echo 'end of php';

?>

<!DOCTYPE html>

<html>

<head>

<title>PHP Tutorials</title>

</head>

<body>

<?php include('content.php'); ?>

<?php include('content.php'); ?>

</body>

</html>

16

<?php

?>

<!DOCTYPE html>

<html>

<?php include('templates/header.php'); ?>

<?php include('templates/footer.php'); ?>

</html>

17

|  |
| --- |
| <?php |
|  |  |
|  | ?> |
|  |  |
|  | <!DOCTYPE html> |
|  | <html> |
|  |  |
|  | <?php include('templates/header.php'); ?> |
|  |  |
|  | <?php include('templates/footer.php'); ?> |
|  |  |
|  | </html> |

18

<?php

?>

<!DOCTYPE html>

<html>

<?php include('templates/header.php'); ?>

<?php include('templates/footer.php'); ?>

</html>

19

<?php

?>

<!DOCTYPE html>

<html>

<?php include('templates/header.php'); ?>

<?php include('templates/footer.php'); ?>

</html>

20

<?php

?>

<!DOCTYPE html>

<html>

<?php include('templates/header.php'); ?>

<?php include('templates/footer.php'); ?>

</html>

21

<?php

?>

<!DOCTYPE html>

<html>

<?php include('templates/header.php'); ?>

<?php include('templates/footer.php'); ?>

</html>

22

<?php

?>

<!DOCTYPE html>

<html>

<?php include('templates/header.php'); ?>

<?php include('templates/footer.php'); ?>

</html>

25 (NO 23/24)

<?php

?>

<!DOCTYPE html>

<html>

<?php include('templates/header.php'); ?>

<?php include('templates/footer.php'); ?>

</html>

26

<?php

// connect to the database

$conn = mysqli\_connect('localhost', 'shaun', 'test1234', 'ninja\_pizza');

// check connection

if(!$conn){

echo 'Connection error: '. mysqli\_connect\_error();

}

// write query for all pizzas

$sql = 'SELECT title, ingredients, id FROM pizzas ORDER BY created\_at';

// get the result set (set of rows)

$result = mysqli\_query($conn, $sql);

// fetch the resulting rows as an array

$pizzas = mysqli\_fetch\_all($result, MYSQLI\_ASSOC);

// free the $result from memory (good practise)

mysqli\_free\_result($result);

// close connection

mysqli\_close($conn);

print\_r($pizzas);

?>

<!DOCTYPE html>

<html>

<?php include('templates/header.php'); ?>

<?php include('templates/footer.php'); ?>

</html>