

# UNIT 1 SOLVED EXERCISES

## Exercise 1 - 01\_info.php

First program in php, to show how the code is written inside a page. Use phpinfo () function

```
<html>
<head>
<title>PHP-Info</title>
</head>
<body>
<?php
phpinfo();
?>
</body>
</html>
```

What does the phpinfo () function do?

## Exercise 2 – 02\_hello.php

The famous HELLO WORLD program in php

```
<html>
<head>
<title>Hello World</title>
</head>
<body>
<h1> The famous script Hello World</h1>
<p>
<?php
echo "Hello World!";
?>
</p>
</body>
</html>
```

How do we start a php block?

How do we print a message on the screen?

## Exercise 3 – 03\_hello.php

With <b> html label

```
<html>
<head>
<title>Hello World</title>
</head>
<body>
<h1> The famous script Hello World</h1>
<p>
<?php
echo "<b>Hello</b> World!";
?>
</p>
</body>
</html>
```

What is the difference from Exercise 2?

## Exercise 4 – 04\_variable1.php

Variable use

```
<html>
<head>
<title></title>
</head>
<body>
<h1>First example of variables</h1>
<p>
<?php
$name = "John";
echo "Hello <b>$name</b>, nice to meet you";
?>
</p>
</body>
</html>
```

How do we declare a variable?

Do uppercase and lowercase letters matter in the declaration of the variables?

## Exercise 5 - 05\_variable2.php

concatenation of variables

```
<html>
<head>
<title></title>
</head>
<body>
<h1>Second example of variables</h1>
<p>
<?php
$name = "John";
echo "Hello <b>" . $name . "</b>, nice to meet you";
?>
</p>
</body>
</html>
```

What is concatenation?

How do we do the concatenation in php?

## Exercise 6 - 6\_Operations.php

arithmetic operators

```
<html>
<head>
<title>Operations example</title>
</head>
<body>
<h1>Operations example</h1>
<?php
$a = 8;
$b = 3;
echo $a + $b, "<br>";
echo $a - $b, "<br>";
echo $a * $b, "<br>";
echo $a / $b, "<br>";
$a++;
echo $a, "<br>";
$b--;
echo $b, "<br>";
?>
</body>
</html>
```

How do you declare a numeric variable in php?

How do you perform an operation with variables numerical?

Is it possible to display on the screen on the same line strings and numbers?

How do we increment a variable?

## Exercise 7 – 7\_Comparation.php comparison operations

```
<html>
<head>
<title>Comparation example</title>
</head>
<body>
<h1> Comparation example in  PHP</h1>
<?php
$a = 8;
$b = 3;
$c = 3;
echo $a == $b, "-<br>";
echo $a != $b, "-<br>";
echo $a < $b, "-<br>";
echo $a > $b, "-<br>";
echo $a >= $c, "-<br>";
echo $a <= $c, "-<br>";
?>
</body>
</html>
```

Write down the meaning of the comparison operations:

```
==
!=
<
<
>=
<=
```

## Exercise 8 – 8\_Logical.php logical operators

```
<html>
<head>
<title>logical operators</title>
</head>
<body>
```

```
<h1> logical operators in PHP</h1>
<?php
$a = 8;
$b = 3;
$c = 3;
echo ($a == $b) && ($c > $b), "-<br>";
echo ($a == $b) || ($b == $c), "-<br>";
echo !($b <= $c), "-<br>";
?>
</body>
</html>
```

Write down the meaning of

&&

||