

## LAB - 1

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1. Write a PHP script to print the following,

- 'I'm about to learn PHP!'
- 'You could use Zend\Symfony'
- "It's called "Product Tree""
- "\0 is called as a null character"

Use the inputs as such (including the quotes)

2.

```
$name = 'Joey Tribbiani';  
$employeeid = 1119;
```

Write a PHP script to print them in one line using variables,  
Output should be "Name: Joey Tribbiani, Employee ID: 1119"

3. Write a PHP script to print the length of the below string

"PHP (recursive acronym for PHP: Hypertext Preprocessor) is a widely-used open source general-purpose scripting language that is especially suited for web development and can be embedded into HTML."

4. Script to reverse the entire string given above

5. Script to replace the word 'PHP' to 'Java' from the below given string.

"PHP is a widely-used open source general-purpose scripting language."

6. Script to break the entire string mentioned above into array. Separate it with ' ' (empty space)

7. Script to decode this html entities

```
&lt;/html&gt;&lt;body&gt;Hey!&lt;/body&gt;&lt;/html&gt;
```

8.

```
$input = array('PHP', 'is', 'a', 'widely-used', 'open', 'source', 'general-purpose', 'scripting',  
'language');
```

From the above input generate the below outputs,

1. PHP is a widely-used open source general-purpose scripting language
2. PHP-is-a-widely-used-open-source-general-purpose-scripting-language
3.  
PHP  
is  
a  
widely-used  
open  
source  
general-purpose  
scripting  
language

9.

```
$input = "joey tribbiani";
```

From the above input generate the below outputs,

- Joey tribbiani
- Joey Tribbiani
- JOEY TRIBBIANI

10. With the below input print the output as "PHP"

```
$input1 = "    PHP    ";  
$input2 = "PHP    ";  
$input3 = "    PHP ";
```

## LAB - 2

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1. Split the below string and print each line with 20 characters

Hint: use wordwrap

```
$text = "Word wrap will split this text up into smaller lines, which makes for easier reading and neater layout.";
```

2. \$input = "Hello world"

Print 'world' from the above string using substr

3. \$email = "test@test.com";

Write a function to check whether the above text ends with .com

4. \$input = "PHP - recursive acronym for PHP: Hypertext Preprocessor";

Find the number of occurrences of 'PHP' in the above input

Hint: substr\_count

5.

```
$string1 = 'Hello world';
```

```
$string2 = 'Hello world';
```

Write a function to compare the above two strings are equal and return the boolean result

Hint: substr\_compare

6.

```
$filename = 'my_upgrade(1).zip';
```

```
$match = 'my_upgrade';
```

Write logic to end the script if the match is found in the file name.

Hint: Use strpos

7.

```
$number = 'AB123';
```

Pad the above string to a length of total 10 characters. Fill the rest the '0'

Hint: `str_pad`

8.

```
$number = 123.4;
```

Print the above number in money format

\$123.40

9.

```
$string='The strrchr() function find the position of the last occurrence of a string within another string....';
```

Find the position of the last occurrence of a word 'string'

10.

```
$str = "Is your name O'reilly?";
```

Write logic to print it as

Is your name O'reilly?

Hint: `stripslashes`

### LAB - 3

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1. Write a script to print the following pattern

\$n = 5;

```
1
12
123
1234
12345
```

2. Write a PHP script to get the PHP version and configuration information.

3. Write a PHP script to get the current file name

4. Write a PHP script, which will return the following components of the url 'http://www.w3resource.com/php-exercises/php-basic-exercises.php'.

List of components : Scheme, Host, Path

Expected Output :

Scheme : http

Host : www.w3resource.com

Path : /php-exercises/php-basic-exercises.php

5. Write a PHP script to delay the program execution for the given number of seconds.

6. Write a PHP function to test whether a number is greater than 30, 20 or 10 using ternary operator

7. Write a function to calculate the factorial of a number (non-negative integer). The function accept the number as a argument.

8. Write a function to check a number is prime or not

9. Write a PHP function that checks whether a passed string is palindrome or not?

A palindrome is word, phrase, or sequence that reads the same backward as forward, e.g., madam or nurses run.

10. Create a script that displays 1-2-3-4-5-6-7-8-9-10 on one line. There will be no hyphen(-) at starting and ending position

## LAB -4

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1. Create a script using a for loop to add all the integers between 0 and 30 and display the total

2. Create a script to construct the following pattern, using nested for loop.

```
*
* *
* * *
* * * *
* * * * *
```

3. Write a PHP program to generate

```
1
2 3
4 5 6
7 8 9 10
11 12 13 14 15
```

4. Write a program which will count the "r" characters in the text "phpresource"

5. Write a PHP script to split the following string.

Sample string : '082307'

Expected Output : 08:23:07

6.

Write a PHP script to extract the file name from the following string. Go to the editor

Sample String : 'www.example.com/public\_html/index.php'

Expected Output : 'index.php'

7. Write a PHP script to extract the user name from the following email ID.

\$mailid = 'rayy@example.com';

8. Write a PHP script to replace the first 'the' of the following string with 'That'.

Sample date : 'the quick brown fox jumps over the lazy dog.'

Expected Result : That quick brown fox jumps over the lazy dog.

9. Write a PHP script to find first character that is different between two strings.

String1 : 'football'

String2 : 'football'

Expected Result : First difference between two strings at position 5: "a" vs "o"

10. Write a PHP script to print the next character of a specific character.

Sample character : 'a'

Expected Output : 'b'

Sample character : 'z'

Expected Output : 'a'