



NATIONAL INSTITUTE OF TECHNOLOGY- WARANGAL

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

I MCA – II Semester

A.Y: 2021

WEB PROGRAMMING LABORATORY (CS5356)

Assignment-IIIa (PHP Practice Programs)

1. Write a PHP script to get the PHP version and configuration information.
2. Write a PHP script to display the following strings.

Sample String : 'Tomorrow I \\'ll learn PHP global variables.'
'This is a bad command : del c:*.*)'

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Expected Output : Tomorrow I'll learn PHP global variables.
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This is a bad command : `del c:*.*`

- 3.** \$var = 'PHP Program'. Put this variable into the title section, h3 tag and as an anchor text within a HTML document.

PHP Program

PHP, an acronym for Hypertext Preprocessor, is a widely-used open source general-purpose scripting language. It is a cross-platform, HTML embedded server-side scripting language and is especially suited for web development.

4. Create a simple HTML form and accept the user name and display the name through PHP echo statement.
5. Write a PHP script to get the client IP address.
6. Write a simple PHP browser detection script.
7. Write a PHP script to get the current file name.
8. Write a PHP script, which will return the following components of the url 'https://www.w3schools.com/php/php_intro.asp'.
List of components: Scheme, Host, Path
Expected Output: Scheme: https
 Host: www.w3schools.com
 Path: /php/php_intro.asp

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6. Write a simple PHP browser detection script.

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

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List of components: Scheme, Host, Path

Expected Output: Scheme: https
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Path: /php/php_intro.asp

Host: www.w3schools.com

Path: /php/php intro.asp

9. Write a PHP script, which change the color of first character of a word.

Sample string: PHP Programs. // only the first letter of the word must be in red colour.

Expected Output: **P**HP **P**rogram

10. Write a PHP script, to check whether the page is called from 'https' or 'http'.

11. Write a PHP script to redirect a user to a different page.

Expected output: Redirect the user to <http://www.google.com/>

12. Write a simple PHP program to check that emails are valid.

Hints : Use FILTER_VALIDATE_EMAIL filter that validates value as an e-mail address.

13. Write a e PHP script to display string, values within a table.

Note : Use HTML table elements into echo.

```
echo "<table border=1 cellpadding=0 cellspacing=0>
```

14. Write a e PHP script to display source code of a webpage (e.g. "<http://www.example.com/>").

15. Write a PHP script to get last modified information of a file.

Sample filename : string.php

Sample Output : Last modified Monday, 09th June, 2014, 06:45am

16. Write a PHP script to count lines in a file.

Note : Store a text file name into a variable and count the number of lines of text it has.

17. \$color = array('white', 'green', 'red', 'blue', 'black');

Write a script which will display the following string –

"The memory of that scene for me is like a frame of film forever frozen at that moment: the red carpet, the green lawn, the white house, the leaden sky. The new president and his first lady. - Richard M. Nixon" and the words 'red', 'green' and 'white' will come from \$color.

18. \$color = array('white', 'green', 'red')

Write a PHP script which will display the colors in the following way :

Output : white, green, red,

- green
- red
- white

19. \$ceu = array("Italy"=>"Rome", "Luxembourg"=>"Luxembourg", "Belgium"=> "Brussels", "Denmark"=>"Copenhagen", "Finland"=>"Helsinki", "France" => "Paris", "Slovakia"=>"Bratislava", "Slovenia"=>"Ljubljana", "Germany" => "Berlin", "Greece" => "Athens", "Ireland"=>"Dublin", "Netherlands"=>"Amsterdam", "Portugal"=>"Lisbon", "Spain"=>"Madrid", "Sweden"=>"Stockholm", "United Kingdom"=>"London", "Cyprus"=>"Nicosia", "Lithuania"=>"Vilnius", "Czech Republic"=>"Prague", "Estonia"=>"Tallin", "Hungary"=>"Budapest", "Latvia"=>"Riga", "Malta"=>"Valetta", "Austria" => "Vienna", "Poland"=>"Warsaw");

Create a PHP script which display the capital and country name from the above array \$ceu. Sort the list by the name of the country.

Sample Output : The capital of Netherlands is Amsterdam
The capital of Greece is Athens
The capital of Germany is Berlin

20. \$x = array(1, 2, 3, 4, 5);

Delete an element from the above PHP array. After deleting the element, integer keys must be normalized.

Sample Output : array(5) { [0]=> int(1) [1]=> int(2) [2]=> int(3) [3]=> int(4) [4]=> int(5) }
array(4) { [0]=> int(1) [1]=> int(2) [2]=> int(3) [3]=> int(5) }

21. \$color = array(4 => 'white', 6 => 'green', 11=> 'red');

Write a PHP script to to get the first element of the above array.

Expected result : white

22. Write a PHP script that insert a new item in an array on any position.

Expected Output : Original array : 1 2 3 4 5

After inserting '\$' the array is : 1 2 3 \$ 4 5

23. Write a PHP script to sort the following associative array

array("Sophia"=>"31","Jacob"=>"41","William"=>"39","Ramesh"=>"40") in

- a) ascending order sort by value
- b) ascending order sort by Key
- c) descending order sorting by Value
- d) descending order sorting by Key

24. Write a PHP script to calculate and display average temperature, seven lowest and highest temperatures.

Recorded temperatures: 78, 60, 62, 68, 71, 68, 73, 85, 66, 64, 76, 63, 75, 76, 73, 68, 62, 73, 72, 65, 74, 62, 62, 65, 64, 68, 73, 75, 79, 73

Expected Output: Average Temperature is: 70.6

List of seven lowest temperatures: 60, 62, 63, 63, 64,
List of seven highest temperatures: 76, 78, 79, 81, 85,

25. Write a PHP program to merge (by index) the following two arrays.

Sample arrays : \$array1 = array(array(77, 87), array(23, 45));

\$array2 = array("w3resource", "com");

Expected Output :

Array

(

[0] => Array

(

[0] => w3resource

[1] => 77

[2] => 87

)

[1] => Array

(

[0] => com

[1] => 23

[2] => 45

))