**PHP Basic Tasks** Duration: 4 Hour

**Array**

1. **Write a script to generate the following paragraph**

**"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"**

**The words 'red', 'green' and 'white' should come from $colors array.**

1. **$colors = array('white', 'green', 'red')**

**Write a PHP script that will display the colors as unordered list :**

Expected Output:

* green
* red
* white

1. **$cities= 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" );**

**Create a PHP script to displays the capital and country name from the above array $cities. Sort the list by the capital of the country.**

Expected Output:

The capital of Netherlands is Amsterdam

The capital of Greece is Athens

The capital of Germany is Berlin

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

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

Expected Output: white

1. **Write a PHP script that inserts a specific new item in an array in any position.**

Sample Input:

Array 1 2 3 4 5

Location: 4

New Item: $

Expected Output: 1 2 3 $ 4 5

1. **Write a PHP script to sort the following associative array depending on the key value [asc] :**

Sample Input:

$fruits = array("d" => "lemon", "a" => "orange", "b" => "banana", "c" => "apple");

Expected Output:

c = apple

b = banana

d = lemon

a = orange

1. **Write a PHP script to calculate and display the average temperature for the recorded reads, also the script should display the list of the five lowest and the five highest temperatures**

Sample Input: 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,

1. **Write a PHP program to merge the following two arrays.**

Sample Input:

$array1 = array("color" => "red", 2, 4);  
$array2 = array("a", "b", "color" => "green", "shape" => "trapezoid", 4);

Expected Output:

Array

(

[color] => green

[0] => 2

[1] => 4

[2] => a

[3] => b

[shape] => trapezoid

[4] => 4

)

1. **Write a PHP function to change the following array's and convert all the strings to upper case.**

Sample Input:

$colors = array("red","blue", "white","yellow");

Expected Output :

Array

(

RED

BLUE

WHITE

YELLOW

)

1. **Write a PHP function to change the following array's and convert all the strings to lower case.**

Sample Input:

$colors = array("RED","BLUE", "WHITE","YELLOW");

Expected Output :

Array

(

red

blue

white

yellow

)

1. **Write a PHP script which displays all the numbers between 200 and 250 that are divisible by 4.**

Expected Output: 200,204,208,212,216,220,224,228,232,236,240,244,248

1. **Write a PHP script to get the shortest/longest string length from an array.**

Sample Input:

$words =  array("abcd","abc","de","hjjj","g","wer")

Expected Output :

The shortest array length is 1. The longest array length is 4.

1. **Write a PHP script to generate unique random 10 numbers within a specific range.**

Sample Input: (11, 20)

Sample Output: 17 16 13 20 14 19 18 15 11 12

1. **Write a PHP script that returns the lowest integer in the array  that is not 0.**

Sample Input: $array1 = array( 2, 0, 10, 12, 6)

Sample Output: 2