



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.

2. \$colors = array('white', 'green', 'red')

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

Expected Output:

- green
- red
- white

3. \$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



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

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

Expected Output: white

5. 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

6. 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

7. 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,

8. 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  
)
```

9. 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  
)
```

10. 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
)
```

11. 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

12. 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.

13. 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

14. 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