



WEB TECHNOLOGIES LAB EXERCISE-PHP

1. \$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.

2. \$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

3. \$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 displays the capital and country name from the above array \$ceu. Sort the list by the capital of the country.

Sample Output :

The capital of Netherlands is Amsterdam

The capital of Greece is Athens

The capital of Germany is Berlin



4. `$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) }
```

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

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

Expected result : white

6. Write a PHP script which decodes the following JSON string.

Sample JSON code :

```
{"Title": "The Cuckoos Calling",  
"Author": "Robert Galbraith",  
"Detail": {  
"Publisher": "Little Brown"  
}}
```

Expected Output :

Title : The Cuckoos Calling

Author : Robert Galbraith

Publisher : Little Brown

7. Write a PHP script that inserts a new item in an array in any position.

Expected Output :

Original array :

1 2 3 4 5

After inserting '\$' the array is :

1 2 3 \$ 4 5

8. 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

9. Write a PHP script to calculate and display average temperature, five 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,

11. 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
        )
)
```

12. Write a PHP function to change the following array's all values to upper or lower case.

Sample arrays :

```
$Color = array('A' => 'Blue', 'B' => 'Green', 'c' => 'Red');
```

Expected Output :

Values are in lower case.

```
Array ( [A] => blue [B] => green [c] => red )
```

Values are in upper case.

```
Array ( [A] => BLUE [B] => GREEN [c] => RED )
```

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

Note : Do not use any PHP control statement.

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