

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

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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

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,

**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

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

*Sample arrays:* ("abcd","abc","de","hjkk","g","wer")

*Expected Output:* The shortest array length is 1. The longest array length is 4.

**15.** Write a PHP script to generate unique random numbers within a range.

*Sample Range:* (11, 20)

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

- 16.** Write a PHP script to get the largest key in an array.
- 17.** Write a PHP function that returns the lowest integer that is not 0.
- 36.** Write a PHP script to lower-case and upper-case, all elements in an array.
- 37.** Write a PHP script to count the total number of times a specific value appears in an array.