

ASSIGNMENT-2

Q1. Write a php script to sort element in an array.

➤ Code:

```
<?php
$array = array(4, 2, 7, 1, 3, 9, 6, 5, 8);
sort($array);
echo "<pre>";
print_r($array);
echo "</pre>";
?>
```

➤ Output:

```
Array
(
    [0] => 1
    [1] => 2
    [2] => 3
    [3] => 4
    [4] => 5
    [5] => 6
    [6] => 7
    [7] => 8
    [8] => 9
)
```

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Q2. Write a php script to find number of element in an array.

Code:

```
<?php  
$array = array('apple', 'banana', 'orange', 'grape');  
$numberOfElements = count($array);  
echo "<h1>Total number of element in array is: ".$numberOfElements  
 . "</h1>";  
?>
```

Output:

Total number of element in array is: 4

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Q3. Write a php script to find sum of all element in an array.

➤ Code:

```
<?php
$numbers = array(1, 2, 3, 4, 5, 6, 7, 8, 9, 10);
$sum = array_sum($numbers);
echo "<h1>The sum of the numbers in the array is: $sum </h1>";
?>
```

➤ Output:

A screenshot of a web browser window with a purple header bar. The header bar contains several navigation links: 'Home', 'About Me', 'Contact Me', 'Services', 'Portfolio', 'Blog', 'FAQ', 'Privacy Policy', and 'Terms & Conditions'. Below the header, the main content area displays the text 'The sum of the numbers in the array is: 55' in a large, bold, black font.

The sum of the numbers in the array is: 55

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Q4. Write a php script to merge two array using array_merge() method.

Code:

```
<?php  
  
$array1 = array('a' => 1, 'b' => 2, 'c' => 3);  
$array2 = array('d' => 4, 'e' => 5, 'f' => 6);  
$mergedArray = array_merge($array1, $array2);  
print_r($mergedArray);  
?>
```

Output:

```
Array ( [a] => 1 [b] => 2 [c] => 3 [d] => 4 [e] => 5 [f] => 6 )
```

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Q5. Write a php script to add new item at beginning of an array.

➤ Code:

```
<?php
$array = array('apple', 'banana', 'orange');
$newItem = 'grape';
$array = array_merge(array($newItem), $array);
print_r($array);
?>
```

➤ Output:

```
Array ( [0] => grape [1] => apple [2] => banana [3] => orange )
```

Q6. Write a php script to add new item at any position.

Code:

```
<?php
$array = array('apple', 'banana', 'orange', 'grape');
echo "Before adding";
$newItem = 'mango';
$position = 2;
array_splice($array, $position, 0, $newItem);
print_r($array);
?>
```

Output:

```
mangoArray ( [0] => apple [1] => banana [2] => mango [3] => orange [4] => grape )
```