

# WEB II

## Tasks

إسلام محمد عطية محمد

سكشن 1

```

1 <!-- Write a PHP function to check if an array contains only unique values -->
2 <?php
3     function is_unique($array) {
4         $unique_array = array_unique($array);
5         return sizeof($array) == sizeof($unique_array);
6     }
7
8     $array = array(1,2,2,3,4,5);
9     if (is_unique($array)) {
10         echo "Unique Array";
11     }else{
12         echo "Not Unique Array";
13     }
14 ?>

```

```

1 <!-- Write a PHP function to apply Max function to every element
2     in an array using array_map. -->
3 <?php
4
5 function apply_max_to_array($arr) {
6     return array_map('max', $arr);
7 }
8
9 $array = [[1, 5, 3], [10, 2, 8], [6, 7, 4]];
10 $result = apply_max_to_array($array);
11 print_r($result);
12
13 ?>
14

```

---

Array ( [0] => 5 [1] => 10 [2] => 7 )



```
1 <!-- Write a PHP function to count
2 the number of occurrences of a specific value in an array -->
3 <?php
4     function no_of_occurance($array, $value) {
5         $count = 0;
6         foreach($array as $num){
7             if($num==$value){
8                 $count++;
9             }
10        }
11        return $count;
12    }
13    $array = array(1, 2, 2,3, 4, 5);
14    echo no_of_occurance($array, 2);
15 ?>
```



```
1 <!-- Write a PHP function to calculate the sum of all elements in an array. -->
2 <?php
3
4 function sum_of_array($array) {
5     $sum = 0;
6     foreach($array as $num){
7         $sum += $num;
8     }
9     return $sum;
10 }
11
12 $array = array(1, 2, 3, 4);
13 echo sum_of_array($array);
14
15 ?>
```



```
1 <!-- Write a PHP script to get the current page URL. -->
2 <?php
3     echo "the current url is: " . $_SERVER['REQUEST_URI'];
4 ?>
```



```
1 <!-- Write a PHP script to display the IP address of the client. -->
2 <?php
3 echo getenv("REMOTE_ADDR");
4 ?>
```



```
1 <!-- Write a PHP script to get the current file name -->
2 <?php
3     $curr_path = $_SERVER['SCRIPT_NAME'];
4     $parts = explode("/", $curr_path);
5     echo "current file name: " . end($parts);
6
7 ?>
```

```
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4     <meta charset="UTF-8">
5     <meta name="viewport" content="width=device-width, initial-scale=1.0">
6     <title>Document</title>
7 </head>
8 <body>
9     <form method="GET">
10         <label for="">Enter a number </label>
11         <input type="number" name="number">
12         <input type="submit" value="submit">
13     </form>
14     <?php
15         if ($_GET) {
16             $num = $_GET['number'];
17
18             for ($i=$num; $i >= 0; $i--) {
19                 for ($j=0; $j <= $i; $j++) {
20                     echo "*";
21                 }echo"<br>";
22             }
23             for ($i=0; $i <= $num ; $i++) {
24                 for ($j=0; $j <= $i; $j++) {
25                     echo "*";
26                 }echo"<br>";
27             }
28         }
29     }
30 }
31 }
32 ?>
33 </body>
34 </html>
```

8

submit

\*\*\*\*\*