

# Web Design and Development

## PHP02



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1. -

```
<!-- // ! Experiment 1 - Indexed Array -->
<!DOCTYPE html>
<html>
  <head>
  </head>
  <body>
    <h2>Indexed Array</h2>
    <?php
      $listLecturer = ["Alpha", "Bravo", "Charlie"];

      // echo $listLecturer[2] . "<br>";
      // echo $listLecturer[0] . "<br>";
      // echo $listLecturer[1] . "<br>";

      // looping method
      for ($i=0; $i < sizeof($listLecturer); $i++) {
        echo $listLecturer[$i] . "<br>";
      }
    ?>
  </body>
</html>
```

## Indexed Array

Alpha  
Bravo  
Charlie

---

2. -

```
<!-- // ! Experiment 2 - Associative Array -->
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width,
        ↪ initial-scale=1.0">
    <title></title>
    <style>
        html {
            border: 3px solid black;
        }
        table, th, td {
            border: 1px solid black;
            border-collapse: collapse;
        }
    </style>
</head>
<body>
    <table>
        <tr>
            <th>Property</th>
            <th>Value</th>
        </tr>
        <?php
            $lecturer = [
                'name' => 'Alpha',
                'domicile' => 'Home',
                'gender' => 'is a gamelan instrument'
            ];

            // manual
            // echo "Name : {$lecturer['name']} <br>";
            // echo "Domicile : {$lecturer['domicile']} <br>";
            // echo "Gender : {$lecturer['gender']} <br>";

            // looping method
            foreach ($lecturer as $key => $item) {
                echo "<tr>";
                echo "<td>{$key}</td>";
```

---

```
        echo "<td>{$item}</td>";
        echo "</tr>";
    }
    ?>
</table>
</body>
</html>
```

Property	Value
name	Alpha
domicile	Home
gender	is a gamelan instrument

3. -

Multidimensional Array		
Film Title	Year	Rating
Avenger: Infinity War	2018	8.7
The Avengers	2012	8.1
Guardian of The Galaxy	2014	8.1
Iron Man	2008	7.9

You can access multidimensional array with n-dimension amount of index.

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4. -

Assalamualaikum, let me introduce my self, my name is Bravo  
Nice to meet you

A function can be use to execute a sequence of code at will

5. -

Hallo, let me introduce my self, my name is Charlie  
Nice to meet you

---

Good Morning, let me introduce my self, my name is Delta  
Nice to meet you

You can use a parameter as a variable to be use inside the function. When the function gets called, you can pass the parameter directly or pass it through a variable

---

6. -

Hallo, let me introduce my self, my name is Echo  
Nice to meet you

---

Assalamualaikum, let me introduce my self, my name is Foxtrot  
Nice to meet you

Same as before, the only difference is that if the function call doesnt include the greetings parameter, it will use the default value set by the function declaration

7. -

I am 19 years old

The result of the function can be used by calling the function

---

8. -

```
Assalamualaikum, let me introduce my self, my name is Golf  
I am 19 years old  
Nice to meet you
```

The introduction function can use the return value from calculateAge function

9. -

```
Hello World!  
Hello World!  
Hello World!  
Hello World!  
Hello World!  
Hello World!  
Hello World!  
Hello World!  
Hello World!  
Hello World!  
Hello World!  
Hello World!
```

The function print the text non-stop

---

10. -

```
1-looping  
2-looping  
3-looping  
4-looping  
5-looping  
6-looping  
7-looping  
8-looping  
9-looping  
10-looping  
11-looping  
12-looping  
13-looping  
14-looping  
15-looping  
16-looping  
17-looping  
18-looping  
19-looping  
20-looping
```

The function print the text as long as the index is less than the amount by calling itself and increasing the index in the next function call

11. -

- Dashboard
- News
- About
- Contact



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12. -

- Dashboard
- News
  - Touring
    - Beach
    - Mountain
  - Culinary
  - Entertainment
- About
- Contact

```
<?php
function showTieredMenu(array $menu) {
    echo "<ul>";
    foreach ($menu as $key => $item) {
        echo "<li>{$item['name']}</li>";
        if (array_key_exists('subMenu', $item)) {
            showTieredMenu($item['subMenu']);
        }
    }
    echo "</ul>";
}

showTieredMenu($menu);
?>
```

---

13. -

Lorem ipsum dolor sit amet consectetur adipisicing elit. Magni quas eius reiciendis quia, tenetur voluptatum similique odio, sunt perferendis illo nihil aperiam officiis enim fuga.

Panjang Karakter: 180

Panjang Kata: 25

lorem ipsum dolor sit amet consectetur adipisicing elit. magni quas eius reiciendis quia, tenetur voluptatum similique odio, sunt perferendis illo nihil aperiam officiis enim fuga.

LOREM IPSUM DOLOR SIT AMET CONSECTETUR ADIPISICING ELIT. MAGNI QUAS EIUS REICIENDIS QUIA, TENETUR VOLUPTATUM SIMILIQUE ODIO, SUNT PERFERENDIS ILLO NIHIL APERIAM OFFICIIS ENIM FUGA.

The are muultiple function that can be used to manipulate string

14. -

New line

New\nline

Hello world

Hello\nworld

Hello    World!

Hello\tWorld!

Say "No to drugs!"

Say 'No to drugs!'

- a. The double quote mark will always interpreted new line escape string as a new line.
- b. While the single quotation mark will take things too literal.
- c. Here is the same case as point a.
- d. Here is the same case as point b.
- e. This case is similar to point a. but it is an example of indent escape string
- f. This case is similar to point b. but it is an example of indent escape string not being recognize.
- g. Here is an escape string meant to give clarity to the code that the part with \" is a literal double quotation mark string.
- h. This is a simalar case to point g. but it is portrayed in single quotation mark for string with single quotation mark.

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15. -

gnalam kera ayaS

The message string is reversed

16. -

ayaS kera gnalam

The message string is reversed but with out reversing the sequence of the word

---

17. -

Tanggal Hari ini : 13 Nov 2023

In my opinion, it is easier to write PHP inside HTML rather than HTML in PHP because it is harder to "write" HTML syntax inside PHP

18. -

It' time to read a HTML5 book

Keuntungan dari menggunakan nama entities: Sebuah nama entitas mudah diingat. Kerugian dari menggunakan nama entities: Browser mungkin tidak mendukung semua nama entitas, tetapi dukungan untuk nomor lebih baik.

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HTML entities with number is more reliable than entities name