



Ketentuan;

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Contoh; **TI 2A_Elok Nur Hamdana**


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Nama	:	AL AZHAR RIZQI RIFA'I FIRDAUS
Nim	:	2241720263
Kelas	:	TI 2I

Tulislah Jawaban Pada Kolom Yang tersedia di bawah ini;

LEMBAR JAWABAN JOBSHEET-6

Soal No	Jawaban
1	<p>Code:</p>  <pre>num1.php × php > num1.php > ... 1 <?php 2 3 1 reference Codeium: Refactor Explain Generate Function Comment 4 function acquainted() { 5 echo "Assalamualaikum, "; 6 echo "Hi, my name is Azhar
"; 7 echo "Glad to acquainted with you.
"; 8 } 9 acquainted(); 10 11 ?></pre> <p>Result:</p>

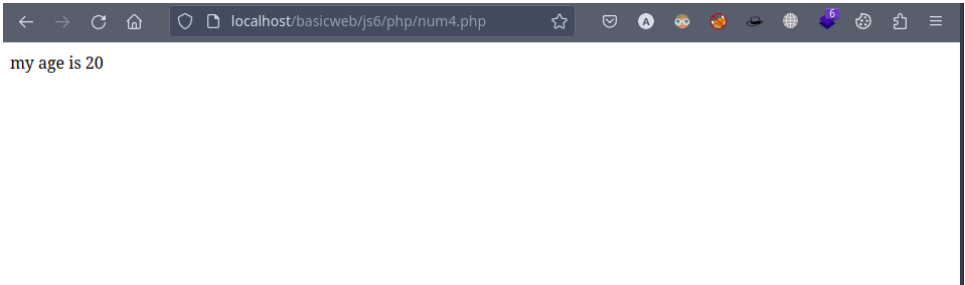


	<div></div> <p>From code above, we write function that contain acquainted text.</p>
2	<p>Code:</p> <div><pre>1 <?php 2 3 references Codeium: Refactor Explain Generate Function Comment 4 function acquainted(\$name, \$regard) { 5 echo \$regard.", "; 6 echo "Hi, my name is".\$name."
"; 7 echo "Glad to acquainted with you.
"; 8 } 9 acquainted("Azhar", "Assalamualaikum"); 10 11 echo "<hr>"; 12 13 \$me = "Rizqi"; 14 \$greetings = "good morning"; 15 16 acquainted(\$me, \$greetings); 17 18 ?></pre></div> <p>Result:</p> <div></div>



	From code above, we write function with parameter in php code.
3	<p>Code:</p> <pre>php > num2.php > PHP > acquainted() 1 <?php 2 3 4 references Codeium: Refactor Explain Generate Function Comment 4 function acquainted(\$name, 5 \$regard="Assalamualaikum") { 6 echo \$regard.", "; 7 echo "Hi, my name is ".\$name."
"; 8 echo "Glad to acquainted with you.
"; 9 } 10 11 acquainted("Azhar", "hello"); 12 13 echo "<hr>"; 14 15 \$me = "Rizqi"; 16 \$greetings = "good morning"; 17 18 acquainted(\$me, \$greetings); 19 20 echo "<hr>"; 21 acquainted(\$me); 22 ?></pre> <p>Result:</p>



	<p>From code above, we write function with default parameter, so that we don't have to insert parameter value again.</p>
4	<p>Code:</p> <pre>num1.php num2.php num4.php × php > num4.php > ... 1 <?php 1 reference Codeium: Refactor Explain Generate Function Comment 2 function calculateAge(\$bornDate, \$currentDate) { 3 \$age = \$currentDate - \$bornDate; 4 return \$age; 5 } 6 7 echo "my age is ".calculateAge(2003, 2023)."
"; 8 ?></pre> <p>Result:</p>  <p>From code above, we write function calculateAge() with return age.</p>
5	<p>Code:</p>



```
num1.php num2.php num4.php X
php > num4.php > ...
1  <?php
   1 reference | Codeium: Refactor | Explain | Generate Function Comment
2  function calculateAge($bornDate, $currentDate) {
3      $age = $currentDate - $bornDate;
4      return $age;
5  }
6
   5 references | Codeium: Refactor | Explain | Generate Function Comment
7  function acquainted($name,
   $regard="Assalamualaikum") {
8      echo $regard.", ";
9      echo "Hi, my name is ".$name."<br>";
10     echo "Age: ".calculateAge(2003, 2023)." years
    old.<br>";
11     echo "Glad to acquainted with you.<br>";
12 }
13
14 acquainted("Azhar")
15 ?>
```

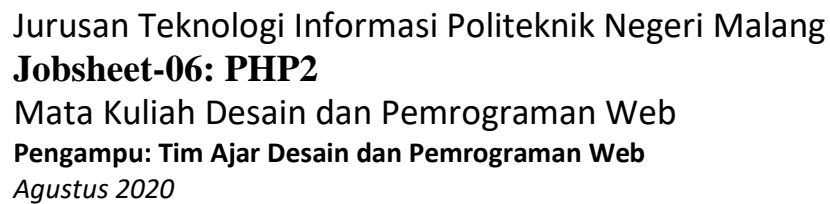
Result:

```
localhost/basicweb/js6/php/num4.php
Assalamualaikum, Hi, my name is Azhar
Age: 20 years old.
Glad to acquainted with you.
```

From code above, we write call function calculateAge inside function acquainted to display biodata.

6

Code:



Result:





From code above, we write recursive function that is call function inside itself. But if doesn't given condition, when we call it, the function will be repeat unlimited.

Code:

```
num2.php num4.php num6.php num6-1.php X
php > num6-1.php > ...
1  <?php
2  2 references | Codeium: Refactor | Explain | Generate Function Commen
3  function displayNumber(int $number, int $index =
4  1) {
5      echo "Itterate-".$index."<br>";
6      if ($index < $number) {
7          displayNumber($number, $index + 1);
8      }
9  }
10 displayNumber(20);
11 ?>
```

Result:

```
localhost/basicweb/js6/php/num6-1.php
Itterate-1
Itterate-2
Itterate-3
Itterate-4
Itterate-5
Itterate-6
Itterate-7
Itterate-8
Itterate-9
Itterate-10
Itterate-11
Itterate-12
Itterate-13
Itterate-14
Itterate-15
Itterate-16
Itterate-17
Itterate-18
Itterate-19
Itterate-20
```

From code above, we write recursive function to display iteration number.



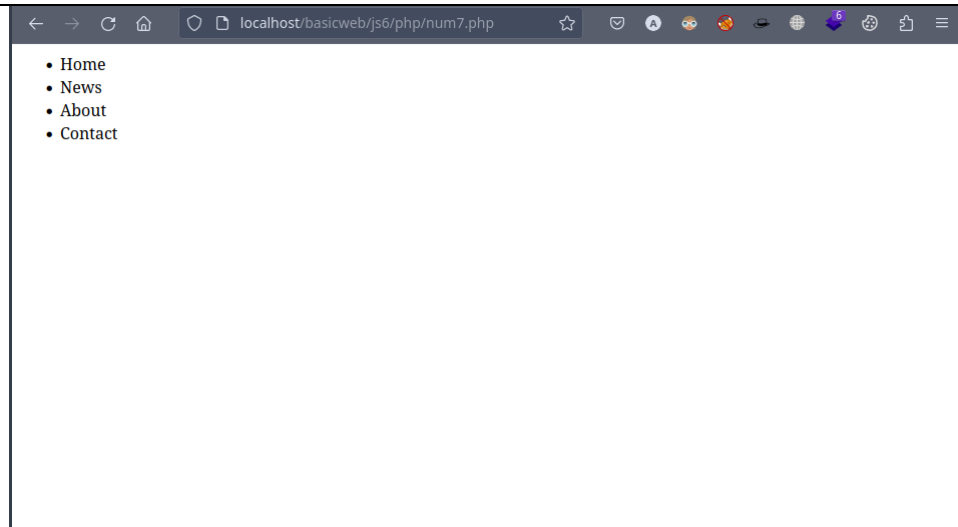
Jobsheet-06: PHP2

7

Code:

```
num7.php x
php > num7.php > ...
1  <?php
2  $menu = [
3      [
4          "name" => "Home"
5      ],
6      [
7          "name" => "News",
8          "sub" => [
9              [
10                 "name" => "Travel",
11                 "sub" => [
12                     [
13                         "name" => "Beach"
14                     ],
15                     [
16                         "name" => "Mountain"
17                     ]
18                 ]
19             ],
20             [
21                 "name" => "Food"
22             ],
23             [
24                 "name" => "Entertainment"
25             ]
26         ]
27     ],
28     [
29         "name" => "About"
30     ],
31     [
32         "name" => "Contact"
33     ]
34 ];
35
36 1 reference | Codeium: Refactor | Explain | Generate Function Comment
37 function displayMenu(array $menu)
38 {
39     echo "<ul>";
40     foreach ($menu as $key => $item) {
41         echo "<li>{$item['name']}";
42     }
43     echo "</ul>";
44 }
45
46 displayMenu($menu);
47 ?>
```

Result:



From code above, we write array that contains list and sub list, then function to display list using foreach.

8

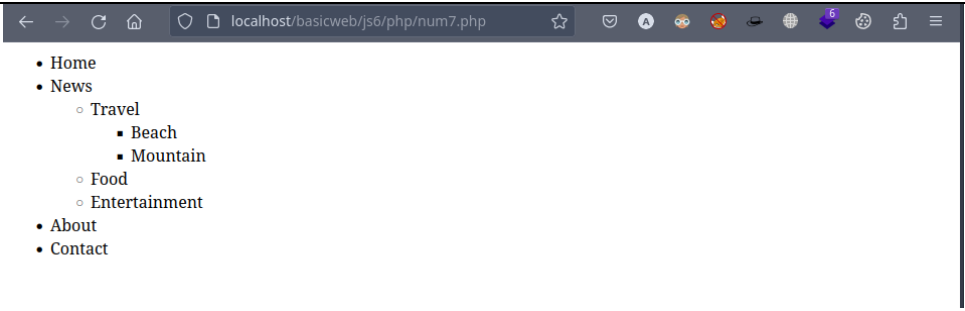
Code:

```
2 references | Codeium: Refactor | Explain | Generate Function Comment
36 function displayMenu(array $menu)
37 {
38     echo "<ul>";
39     foreach ($menu as $key => $item) {
40         echo "<li>{$item['name']}";
41         if (isset($item['sub'])) {
42             displayMenu($item['sub']);
43         }
44         echo "</li>";
45     }
46     echo "</ul>";
47 }
48
49 displayMenu($menu);
50 ?>
```

Result:

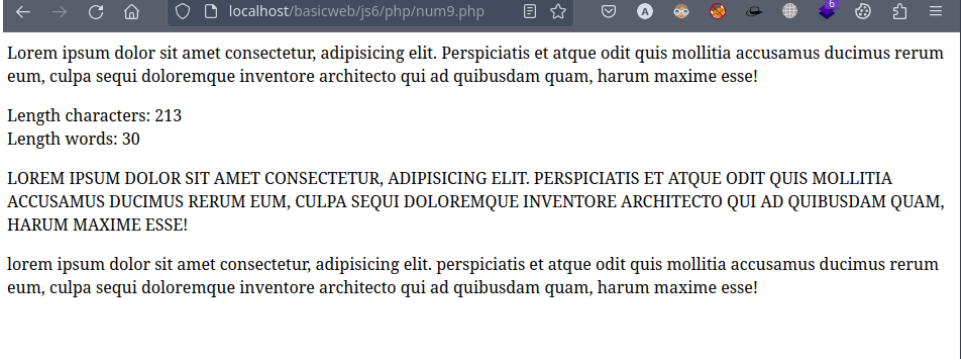
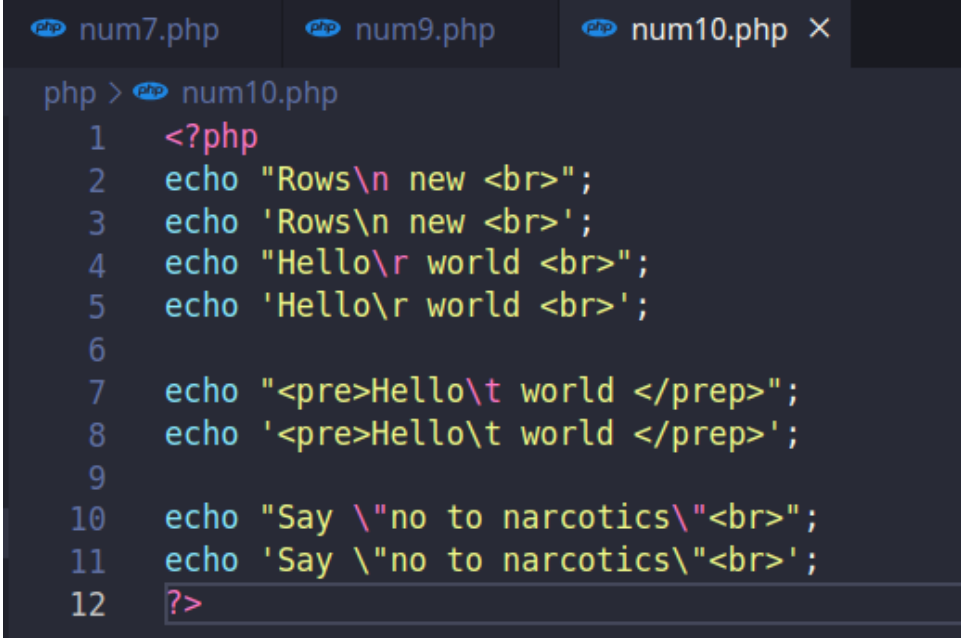


Jobsheet-06: PHP2

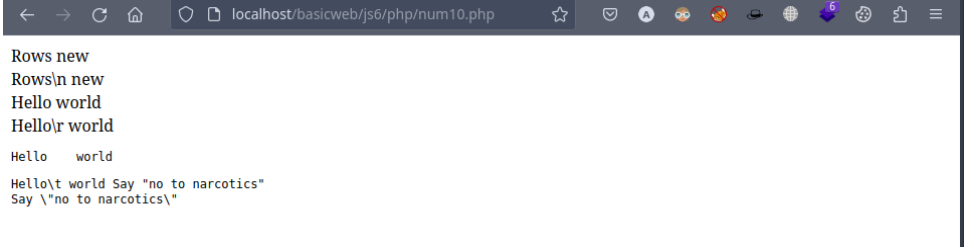
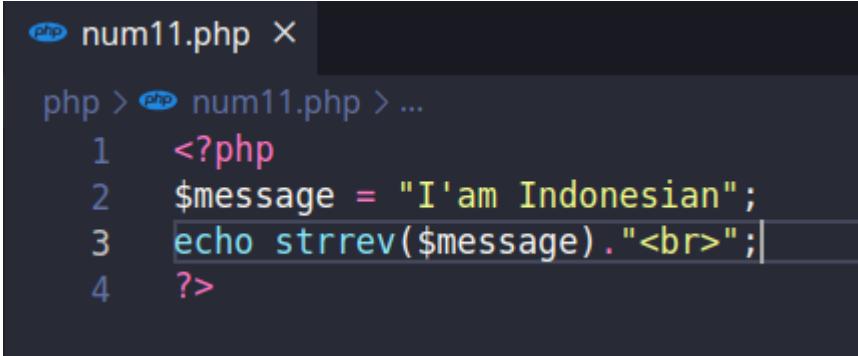
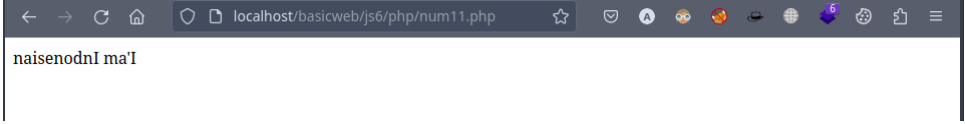
	
9	<p>Code:</p> <pre>num7.php num9.php X php > num9.php > ... 1 <?php 2 \$loremIpsum = "Lorem ipsum dolor sit amet consectetur, adipisicing elit. Perspiciatis et atque odit quis mollitia accusamus ducimus rerum eum, culpa sequi doloremque inventore architecto qui ad quibusdam quam, harum maxime esse!"; 3 4 echo "<p>{\$loremIpsum}</p>"; 5 echo "Length characters: " . strlen(\$loremIpsum) "
"; 6 echo "Length words: " . str_word_count (\$loremIpsum, 0) . "
"; 7 echo "<p>" . strtoupper(\$loremIpsum) . "</p>"; 8 echo "<p>" . strtolower(\$loremIpsum) . "</p>"; 9 10 ?></pre> <p>Result:</p>



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Agustus 2020

	<div></div> <p>From code above, we use function in php to manipulate string. In that case, we use <code>strlen()</code> to get length character, <code>strtoupper()</code> to change all the text to upper case, then <code>strtolower()</code> that is change to all the text to lower case.</p>
10	<p>Code:</p> <div></div> <p>Result:</p>



	<div></div> <p>Double quotation marks (") in PHP interpret escape characters like \n or \t, while single quotation marks (') treat escape characters literally. As a result, double quotation marks can change the appearance of strings with escape characters, while single quotation marks print escape characters as they are.</p>
11	<p>Code:</p> <div></div> <p>Result:</p> <div></div> <p>From code above, we use strrev() function to reverse our text.</p>
12	<p>Code:</p>



```
num11.php num12.php X
php > num12.php > ...
1  <?php
2  $message = "I'am Indonesian";
3  // change $message variable to array with explode
4  $messagePerWord = explode(" ", $message);
5  print_r($messagePerWord);
6  // change every word to reverse
7  $messagePerWord = array_map(fn($message) => strrev
($message), $messagePerWord);
8  // change array to string
9  $message = implode(" ", $messagePerWord);
10 echo $message;
11
12 echo $message."<br>";
13 ?>
```

Result:

```
localhost/basicweb/js6/php/num12.php
Array ( [0] => I'am [1] => Indonesian ) ma'I naisenodnIma'I naisenodnI
```

From code above, that is starts with a string "I'am Indonesian." It then splits this string into an array of words using explode. After that, it reverses each word in the array using array_map and strrev. Finally, it joins the reversed words back into a string with spaces and prints it, displaying the reversed version of the original message.

13

Code:



Jobsheet-06: PHP2

```
num13-1.php X num13.php
php > num13-1.php > html > head > meta
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4   <meta charset="UTF-8">
5   <meta name="viewport"
6     content="width=device-width, initial-scale=1.
7     0">
8   <title>Document</title>
9 </head>
10 <body>
11   <p>Current date: <?php echo date('Y-m-d
    H:i:s'); ?></p>
12 </body>
13 </html>
```

```
num13-1.php num13.php X
php > num13.php
1 <?php
2 echo '<!DOCTYPE html>
3 <html lang="en">
4 <head>
5   <meta charset="UTF-8">
6   <meta name="viewport"
7     content="width=device-width, initial-scale=1.
8     0">
9   <title>Document</title>
10 </head>
11 <body>
12   <p>Current date: ' . date('Y-m-d H:i:s') . '</
13   p>
14 </body>
15 </html>';
16 ?>
```

Result:



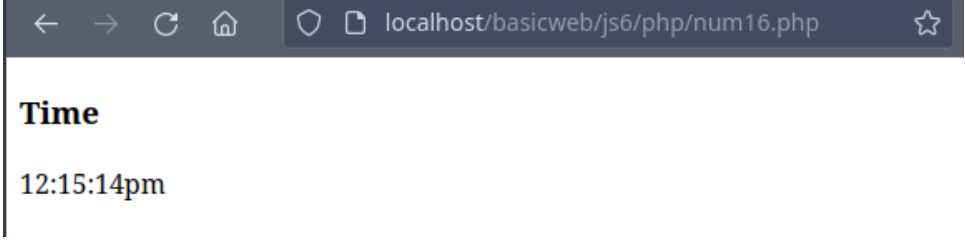
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	<div></div> <p>The HTML code uses HTML entities to display special characters and control spacing. It shows examples of displaying an apostrophe, non-breaking spaces, and the copyright symbol with the year.</p>
15	<p>Code:</p> <div></div> <p>Result:</p>



	<div><p>Date</p><p>Today is 2023/10/16 Today is 2023.10.16 Today is 2023-10-16 Today is Monday</p><p>From code above, The HTML code includes PHP to display the current date in different formats. It shows the date with slashes, periods, hyphens, and the day of the week.</p></div>
16	<div><p>Code:</p><pre>1 <!DOCTYPE html> 2 <html lang="en"> 3 <head> 4 <meta charset="UTF-8"> 5 <meta name="viewport" 6 content="width=device-width, initial-scale=1. 7 0"> 8 <title>Document</title> 9 </head> 10 <body> 11 <h3>Time</h3> 12 <?php 13 date_default_timezone_set("Asia/Jakarta"); 14 echo date("h:i:sa")."
"; 15 ?> 16 </body> 17 </html></pre><p>Result:</p></div>



	 <p>Time</p> <p>12:15:14pm</p> <p>From code above, The HTML code with embedded PHP displays the current time in the "Asia/Jakarta" time zone in the format "h:i:sa" (hour:minute:second AM/PM). It sets the time zone and then shows the current time in that zone.</p>
17	Code: Result:
18	Code: Result: