

Laporan Jobsheet
Desain & Pemograman Web



GALIHWAHYU A
MI1F-2131710095
D-III MANAJEMEN INFORMATIKA

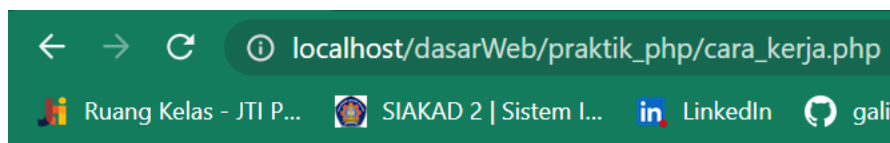
POLITEKNIK NEGERI MALANG

2022

A. PHP

1. cara_kerja.php

```
cara_kerja.php x variabel.php tipedata.php U ope
C: > xampp1 > htdocs > dasarWeb > praktik_php > cara_kerja.php
1  <!DOCTYPE html>
2  <html>
3      <head>
4      </head>
5      <body>
6          <p> kalimat dengan menggunakan HTML</p>
7          <?php
8              echo "kalimat dengan menggunakan PHP";
9          ?>
10     </body>
11 </html>
```



kalimat dengan menggunakan HTML

kalimat dengan menggunakan PHP

2. cara_kerja.html

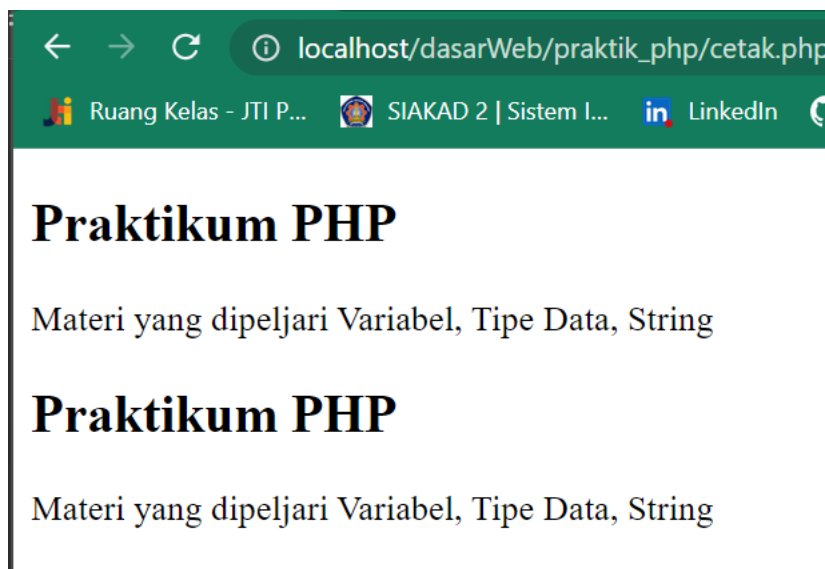
```
cara_kerja.php cara_kerja.html x variabel.php tip
C: > xampp1 > htdocs > dasarWeb > praktik_php > cara_kerja.html > ...
1  <!DOCTYPE html>
2  <html>
3      <head>
4      </head>
5      <body>
6          <p> kalimat dengan menggunakan HTML</p>
7          <?php
8              echo "kalimat dengan menggunakan PHP";
9          ?>
10     </body>
11 </html>
```



kalimat dengan menggunakan HTML

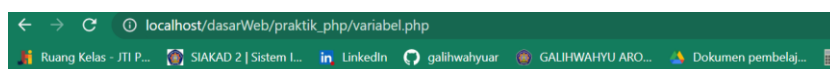
3. cetak.php

```
C: > xampp1 > htdocs > dasarWeb > praktik_php > cetak.php
1  <!DOCTYPE html>
2  <html>
3      <head>
4      </head>
5      <body>
6          <?php
7              $txt1 = "Praktikum PHP";
8              $txt2 = "Variabel, Tipe Data, String";
9              echo "<h2> $txt1 </h2>";
10             echo "Materi yang dipelajari " . $txt2;
11
12             print "<h2> $txt1 </h2>";
13             print "Materi yang dipelajari " . $txt2;
14         ?>
15     </body>
16 </html>
```



4. variabel.php

```
cara_kerja.php cara_kerja.html cetak.php variabel.php U
C: > xampp2 > htdocs > dasarWeb > praktik_php > variabel.php
1  <!DOCTYPE HTML>
2  <html>
3      <head>
4      </head>
5      <body>
6          <?php
7              hello = "Hello World!";
8              echo $hello;
9          ?>
10     </body>
11 </html>
```

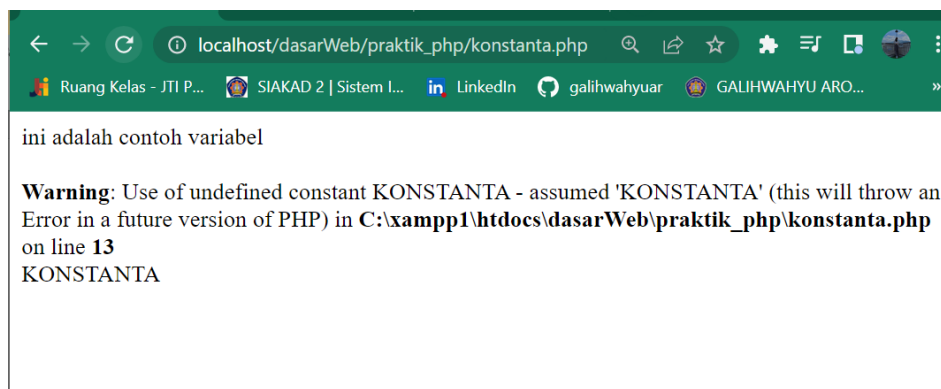


Parse error: syntax error, unexpected '=' in C:\xampp1\htdocs\dasarWeb\praktik_php\variabel.php on line 7

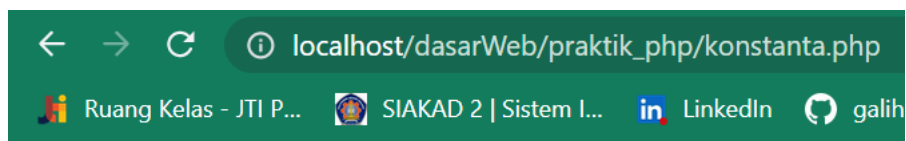
```
cara_kerja.php  cara_kerja.html  cetak.php  variabel.php U X
C: > xampp2 > htdocs > dasarWeb > praktik_php > variabel.php
1  <!DOCTYPE HTML>
2  <html>
3      <head>
4      </head>
5      <body>
6          <?php
7              $hello = "Hello World!";
8              echo $hello;
9          ?>
10     </body>
11 </html>
```

5. konstanta.php

```
konstanta.php X  cara_kerja.php  cara_kerja.html  cetak.php
C: > xampp1 > htdocs > dasarWeb > praktik_php > konstanta.php
1  <!DOCTYPE html>
2  <html>
3      <head>
4      </head>
5      <body>
6          <?php
7              $var = "ini adalah contoh variabel";
8              echo $var;
9              echo "<br><br>";
10             define("konstanta", "ini adalah contoh konstanta");
11             echo konstanta;
12             echo "<br>";
13             echo KONSTANTA;
14         ?>
15     </body>
16 </html>
```



```
konstanta.php X cara_kerja.php cara_kerja.html cetak.php variab
C: > xampp1 > htdocs > dasarWeb > praktik_php > konstanta.php
1 <!DOCTYPE html>
2 <html>
3 <head>
4 </head>
5 <body>
6 <?php
7     $var = "ini adalah contoh variabel";
8     echo $var;
9     echo "<br><br>";
10    define("konstanta", "ini adalah contoh konstanta", true);
11    echo konstanta;
12    echo "<br>";
13    echo KONSTANTA;
14 >?
15 </body>
16 </html>
```



ini adalah contoh variabel
ini adalah contoh konstanta

6. tippedata.php

```
tippedata.php U tippedata2.php U konstanta.p
C: > xampp2 > htdocs > dasarWeb > praktik_php > tippedata.ph
1 <!DOCTYPE html>
2 <html>
3 <head>
4 </head>
5 <body>
6 <?php
7     $a = "HelloWorld!";
8     $b = 99;
9     $c = 8.8;
10    $d = NULL;
11    var_dump ($a,$b,$c,$d);
12    ?>
13 </body>
14 </html>
```

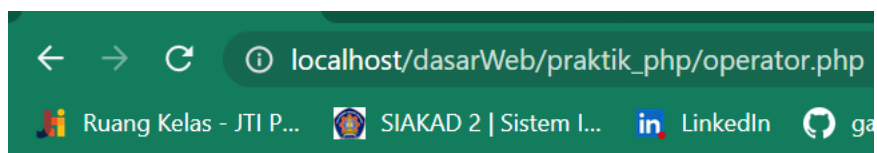
```
tipedata.php U • tipedata2.php U X konstanta.php
C: > xampp2 > htdocs > dasarWeb > praktik_php > tipedata2.php

2 <html>
3 <head>
4 </head>
5 <body>
6 <h2> Konversi Tipe Data</h2>
7 <?php
8     $a = 10,5;
9     $b = "9 kucing";
10    echo $a;
11    echo "<br>".(int) $a;
12    echo "<br>". $b;
13    echo "<br>".(int) $b;
14 ?>
15 </body>
16 </html>
```

7. operator.php

```
operator.php X tipedata.php U tipedata2.php U konstanta.php cara_kerja.php
C: > xampp1 > htdocs > dasarWeb > praktik_php > operator.php

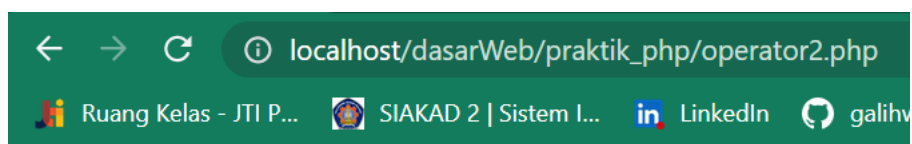
1 <!DOCTYPE HTML>
2 <html>
3 <head>
4 </head>
5 <body>
6 <?php
7     $a = 5;
8     $b = 2;
9     echo "hasil penambahan $a dan $b adalah "; echo $a + $b;
10    echo "<br> hasil pengurangan $a dan $b adalah "; echo $a - $b;
11    echo "<br> hasil perkalian $a dan $b adalah "; echo $a * $b;
12    echo "<br> hasil pembagian $a dan $b adalah "; echo $a / $b;
13    echo "<br> hasil sisa pembagian $a dan $b adalah "; echo $a % $b;
14 ?>
15 </body>
16 </html>
```



hasil penambahan 5 dan 2 adalah 7
hasil pengurangan 5 dan 2 adalah 3
hasil perkalian 5 dan 2 adalah 10
hasil pembagian 5 dan 2 adalah 2.5
hasil sisa pembagian 5 dan 2 adalah 1

8. operator2.php

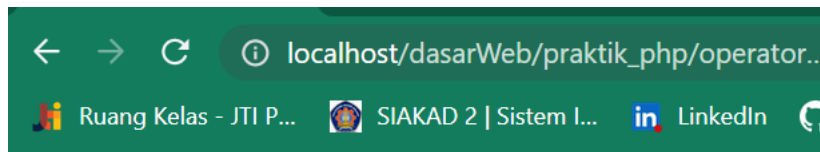
```
operator.php  operator2.php X  tippedata.php U  tippedata2.php U
C: > xampp1 > htdocs > dasarWeb > praktik_php > operator2.php
1  <!DOCTYPE html>
2  <html>
3      <head>
4      </head>
5      <body>
6          <?php
7              $a = 12;
8              $b = 14;
9              echo "$a < $b adalah"; var_dump($a<$b);
10             echo "<br> $a > $b adalah"; var_dump($a > $b);
11             echo "<br> $a == $b adalah"; var_dump($a == $b);
12             echo "<br> $a != $b adalah"; var_dump($a != $b);
13         ?>
14     </body>
15 </html>
```



12 < 14 adalah bool(true)
12 > 14 adalah bool(false)
12 == 14 adalah bool(false)
12 != 14 adalah bool(true)

9. operator3.php

```
operator.php  operator2.php  operator3.php X  operator4.php  op
C: > xampp1 > htdocs > dasarWeb > praktik_php > operator3.php
1  <!DOCTYPE HTML>
2  <html>
3      <head>
4      </head>
5      <body>
6          <?php
7              $a = true;
8              $b = false;
9
10             echo "nilai a AND b adalah "; var_dump($a and $b);
11             echo "<br> nilai a OR b adalah "; var_dump($a or $b);
12             echo "<br> nilai a XOR b adalah "; var_dump($a xor $b);
13             echo "<br> nilai a && b adalah "; var_dump($a && $b);
14             echo "<br> nilai a || b adalah "; var_dump($a || $b);
15             echo "<br> nilai !a || b adalah "; var_dump(!$a || $b);
16         ?>
17     </body>
18 </html>
```

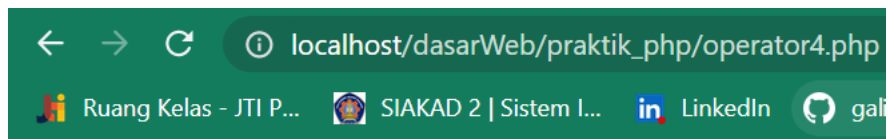


nilai a AND b adalah bool(false)
nilai a OR b adalah bool(true)
nilai a XOR b adalah bool(true)

nilai a && b adalah bool(false)
nilai a || b adalah bool(true)
nilai !a || b adalah bool(false)

10. operator4.php

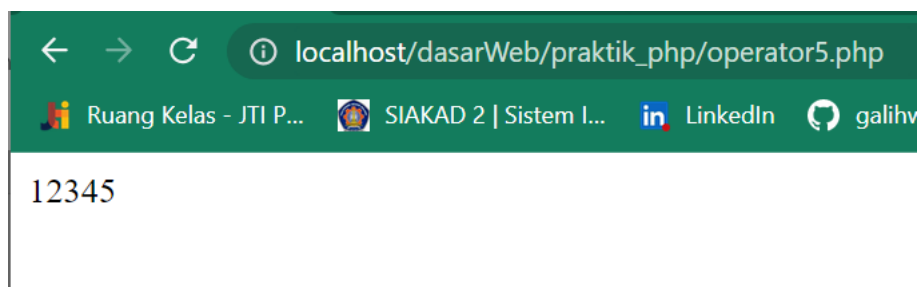
```
operator.php operator2.php operator3.php operator4.php X
C: > xampp1 > htdocs > dasarWeb > praktik_php > operator4.php
1  <!DOCTYPE HTML>
2  <html>
3    <head>
4    </head>
5    <body>
6      <?php
7        $x = 4;
8        $x += 3;
9        echo "hasil operasi tersebut adalah = $x";
10     ?>
11   </body>
12 </html>
```



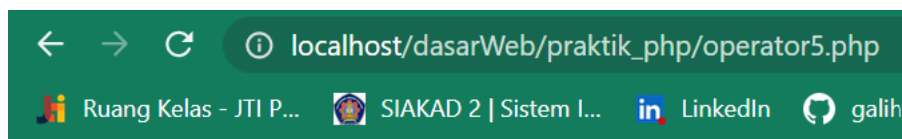
hasil operasi tersebut adalah = 7

11. operator5.php


```
operator.php operator2.php operator3.php operator4.php operator5.php X
C: > xampp1 > htdocs > dasarWeb > praktik_php > operator5.php
1 <!DOCTYPE HTML>
2 <html>
3   <head>
4     <body>
5       <?php
6         $nomor = 1;
7         while($nomor <= 5){
8           echo $nomor++;
9         }
10      ?>
11    </body>
12  </head>
13 </html>
```



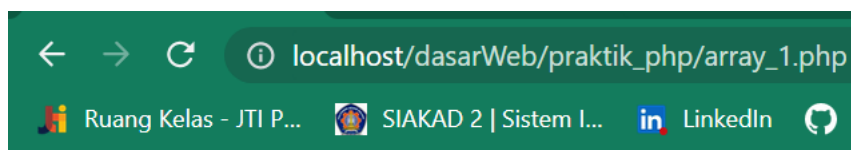
```
operator.php operator2.php operator3.php operator4.php operator5.php
C: > xampp1 > htdocs > dasarWeb > praktik_php > operator5.php
1 <!DOCTYPE HTML>
2 <html>
3   <head>
4     <body>
5       <?php
6         $nomor = 1;
7         while($nomor <= 5){
8           echo ++$nomor;
9         }
10      ?>
11    </body>
12  </head>
13 </html>
```



B. Array

1. array_1.php

```
array_1.php X array_2.php
C: > xampp1 > htdocs > dasarWeb > praktik_php > array_1.php
1  <!DOCTYPE HTML>
2  <html>
3      <head>
4      </head>
5      <body>
6          <h2>Indexed Array</h2>
7          <?php
8              $buah = array ("Mangga", "Apel", "Jeruk");
9
10             echo "Buah ". $buah[0]. " dan ". $buah[1] . " rasanya manis sekali";
11         ?>
12     </body>
13 </html>
```



Indexed Array

Buah Mangga dan Apel rasanya manis sekali

2. array_2.php

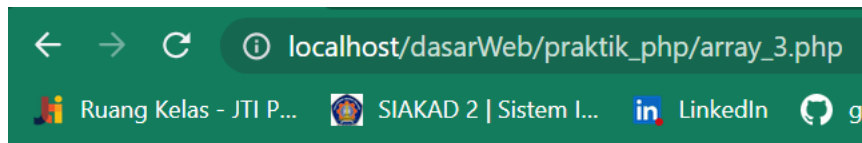
```
array_1.php array_2.php X
C: > xampp1 > htdocs > dasarWeb > praktik_php > array_2.php
1  <!DOCTYPE HTML>
2  <html>
3      <head>
4      </head>
5      <body>
6          <h2>Indexed Array</h2>
7          <?php
8              $buah [0] = "Mangga";
9              $buah [1] = "Apel";
10             $buah [2] = "Jeruk";
11
12             echo "Buah ". $buah[0]. " dan ". $buah[1] . " rasanya manis sekali";
13         ?>
14     </body>
15 </html>
```

Indexed Array

Buah Mangga dan Apel rasanya manis sekali

3. array_3.php

```
array_1.php array_2.php array_3.php X
C: > xampp1 > htdocs > dasarWeb > praktik_php > array_3.php
1 <!DOCTYPE HTML>
2 <html>
3 <head>
4 <style>
5 table, tr, td{
6 border: 1px solid black;
7 }
8 </style>
9 </head>
10 <body>
11 <h2>Associatiave Array</h2>
12 <?php
13 $mobil = array(
14 'merk' => 'Toyota',
15 'type' => 'Fortuner',
16 'year' => 2017
17 );
18 echo '<table>
19 <tr>
20 <th>Key</th>
21 <th>Value</th>
22 </tr>';
23 foreach ($mobil as $key => $value){
24 echo '<tr>
25 <td>'. $key.'</td>
26 <td>'. $value.'</td>
27 </tr>';
28 }
29 echo '</table>'
30
31 ?>
32
33 </body>
34 </html>
```

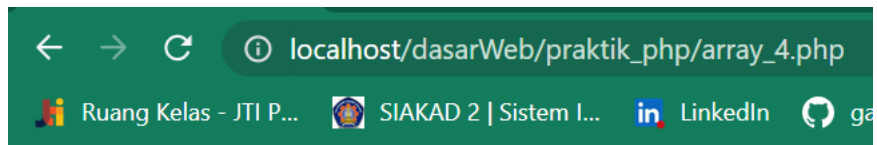


Associatiave Array

Key	Value
merk	Toyota
type	Fortuner
year	2017

4. array_4

```
array_1.php array_2.php array_3.php array_4.php X
C: > xampp1 > htdocs > dasarWeb > praktik_php > array_4.php
1  <!DOCTYPE HTML>
2  <html>
3      <head>
4          <style>
5              table, tr, td{
6                  border: 1px solid black;
7              }
8          </style>
9      </head>
10     <body>
11         <h2>Associatiave Array</h2>
12         <?php
13             $mobil ['merk'] = 'Toyota';
14             $mobil ['type'] = 'Fortuner';
15             $mobil ['year'] = 2018;
16
17             echo '<table>'
18                 <tr>
19                     <th>Key</th>
20                     <th>Value</th>
21                 </tr>';
22             foreach ($mobil as $key => $value){
23                 echo '<tr>'
24                     <td>'. $key.'</td>
25                     <td>'. $value.' </td>
26                 </tr>';
27             }
28             echo '</table>'
29
30         ?>
31     </body>
32 </html>
```

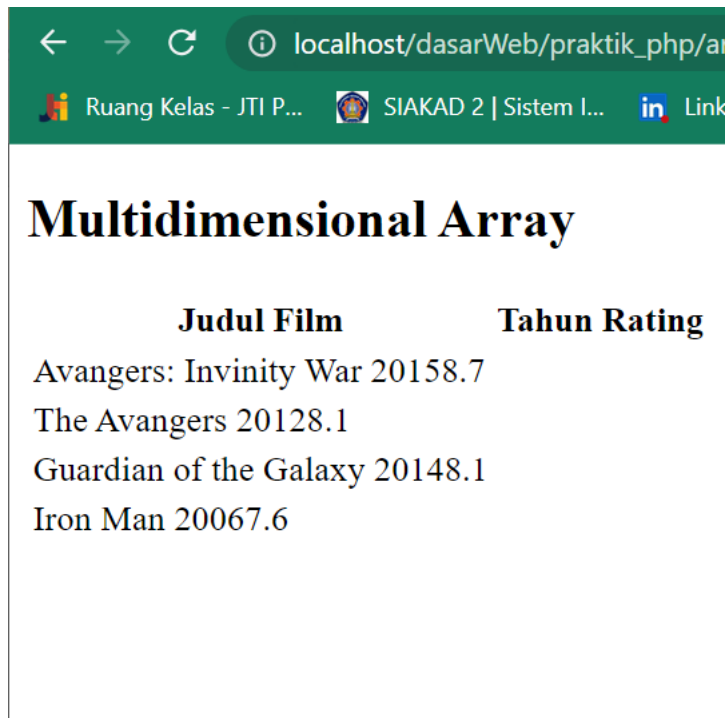


Associatiave Array

Key	Value
merk	Toyota
type	Fortuner
year	2018

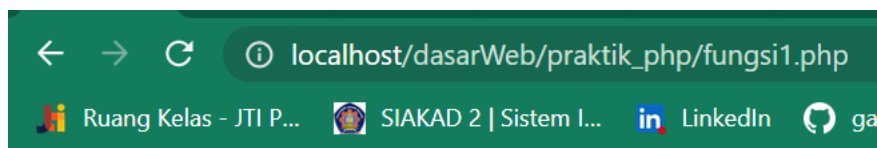
5. array_5.php

```
C:\xampp1 > htdocs > dasarWeb > praktik_php > array_5.php
10      <th>Judul Film</th>
11      <th>Tahun</th>
12      <th>Rating</th>
13    </tr>
14    <?php
15        $movie = array(
16            array("Avengers: Invinity War", 2015, 8.7),
17            array("The Avengers", 2012, 8.1),
18            array("Guardian of the Galaxy", 2014, 8.1),
19            array("Iron Man", 2006, 7.6),
20        );
21
22        echo "<tr>";
23        echo "<td>". $movie[0][0]. "</td>";
24        echo "<td>". $movie[0][1]. "</td>";
25        echo "<td>". $movie[0][2]. "</td>";
26        echo "</tr>";
27        echo "<tr>";
28        echo "<td>". $movie[1][0]. "</td>";
29        echo "<td>". $movie[1][1]. "</td>";
30        echo "<td>". $movie[1][2]. "</td>";
31        echo "</tr>";
32        echo "<tr>";
33        echo "<td>". $movie[2][0]. "</td>";
34        echo "<td>". $movie[2][1]. "</td>";
35        echo "<td>". $movie[2][2]. "</td>";
36        echo "</tr>";
37        echo "<tr>";
38        echo "<td>". $movie[3][0]. "</td>";
39        echo "<td>". $movie[3][1]. "</td>";
40        echo "<td>". $movie[3][2]. "</td>";
41        echo "</tr>";
42    </table>
43    <h2>
44    </body>
45 </html>
```



12. fungsi1.php

```
array_1.php array_2.php array_3.php
C: > xampp1 > htdocs > dasarWeb > praktik_php > fungsi1.php
1 <!DOCTYPE HTML>
2 <html>
3 <head>
4 </head>
5 <body>
6 <h2> Fungsi </h2>
7 <?php
8     function writeMsg () {
9         echo "Hello World!";
10    }
11
12    writeMsg();
13    ?>
14 </body>
15 </html>
```



Fungsi

Hello World!

13. fungsi2_php

```
C:\xampp1 > htdocs > dasarWeb > praktik_php > fungsi2.php
1 <!DOCTYPE HTML>
2 <html>
3 <head>
4 </head>
5 <body>
6 <h2> Fungsi </h2>
7 <?php
8     function familyName ($fname, $year) {
9         echo "$fname Refsnes, Born in $year <br>";
10    }
11
12    familyName("Hege", "1975");
13    familyName("Stale", "1978");
14    familyName("Kai Jim", "1983");
15    ?>
16 </body>
17 </html>
```

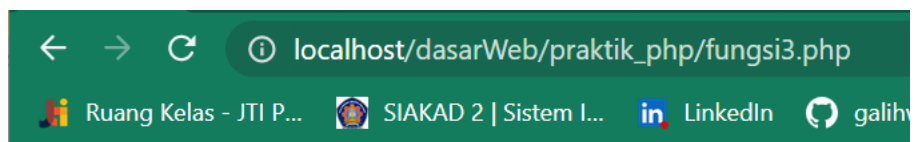


Fungsi

Hege Refsnes, Born in 1975
Stale Refsnes, Born in 1978
Kai Jim Refsnes, Born in 1983

14. fungsi3.php

```
C:\xampp1 > htdocs > dasarWeb > praktik_php > fungsi3.php
1 <!DOCTYPE HTML>
2 <html>
3 <head>
4 </head>
5 <body>
6 <h2> Fungsi Menghitung Luas Lingkaran</h2>
7 <?php
8     echo "Luas Lingkaran dengan jari-jari 7 cm = ".luas_lingkaran(7)." cm";
9
10    function luas_lingkaran($jari2){
11        return 3.14*$jari2*$jari2;
12    }
13    ?>
14 </body>
15 </html>
```



Fungsi Menghitung Luas Lingkaran

Luas Lingkaran dengan jari-jari 7 cm = 153.86 cm

15. array_6.php

```
C: > xampp1 > htdocs > dasarWeb > praktik_php > array_6.php
1 <!DOCTYPE HTML>
2 <html>
3 <head>
4 </head>
5 <body>
6 <h2> Fungsi count() </h2>
7 <?php
8     $menu = array("rawon", "sate", "nasi goreng");
9     $arrLength = count($menu);
10
11     echo "Menu hari ini adalah: <br> ";
12     for($x = 0; $x < $arrLength; $x++){
13         echo $menu[$x] . "<br>";
14     }
15     echo "<br> Saya lapar, saya ingin makan " . "<b>$menu[2]</b>";
16 <?>
17 </body>
18 </html>
```

localhost/dasarWeb/praktik_php/array_6.php

Ruang Kelas - JTI P... | SIAKAD 2 | Sistem I... | LinkedIn

Fungsi count()

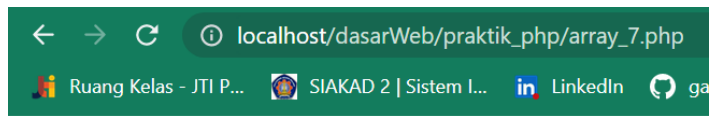
Menu hari ini adalah:

rawon
sate
nasi goreng

Saya lapar, saya ingin makan **nasi goreng**

16. array_7.php

```
C: > xampp1 > htdocs > dasarWeb > praktik_php > array_7.php
1 <!DOCTYPE HTML>
2 <html>
3 <head>
4 </head>
5 <body>
6 <h2>Shorting Array</h2>
7 <?php
8     $numbers = array(8, 4, 1, 9, 23, 54, 17, 30);
9     sort($numbers);
10
11     $arrLength = count($numbers);
12     for($x = 0; $x < $arrLength; $x++){
13         echo $numbers[$x] . "<br>";
14     }
15 <?>
16 </body>
17 </html>
```

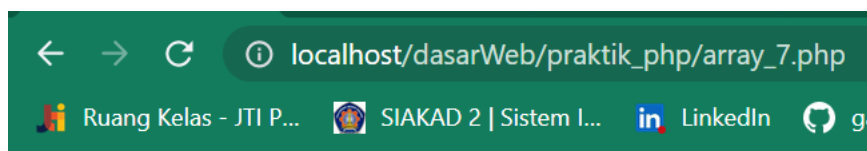



Shorting Array

1
4
8
9
17
23
30
54

Modifikasi

```
C:\> xampp1 > htdocs > dasarWeb > praktik_php > array_7.php
1  <!DOCTYPE HTML>
2  <html>
3      <head>
4      </head>
5      <body>
6          <h2>Shorting Array</h2>
7          <?php
8              $numbers = array(8, 4, 1, 9, 23, 54, 17, 30);
9              rsort($numbers);
10
11              $arrLength = count($numbers);
12              for($x = 0; $x < $arrLength; $x++){
13                  echo $numbers[$x] . "<br>";
14              }
15          >
16      </body>
17  </html>
```




Shorting Array



54
30
23
17
9
8
4
1

Fungsi sort adalah mengurutkan angka sesuai kode program, sedangkan rsort adalah mengurutkan angka dari yang terbesar key ng terkecil

17. array_8.php

```
C: > xampp1 > htdocs > dasarWeb > praktik_php > array_8.php
1  <!DOCTYPE HTML>
2  <html>
3      <head>
4      </head>
5      <body>
6          <h2>Sorting Array</h2>
7          <?php
8              $age = array(
9                  "Joe" => "25",
10                 "Elsa" => "27",
11                 "Kevin" => "32",
12                 "Nick" => "24",
13                 "Olaf" => "9",
14                 "Ana" => "17",
15             );
16             asort($age);
17
18             foreach ($age as $name => $value){
19                 echo "name = ". $name. ", age =". $value. "<br>";
20             }
21         <?>
22     </body>
23 </html>
```

 localhost/dasa

 Ruang Kelas - JTI P...  SIAKAD

Sorting Array

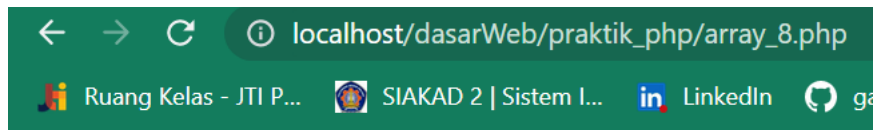
name = Olaf, age =9
name = Ana, age =17
name = Nick, age =24
name = Joe, age =25
name = Elsa, age =27
name = Kevin, age =32

Modifikasi

```

C: > xampp1 > htdocs > dasarWeb > praktik_php > array_8.php
1  <!DOCTYPE HTML>
2  <html>
3      <head>
4      </head>
5      <body>
6          <h2>Sorting Array</h2>
7          <?php
8              $age = array(
9                  "Joe" => "25",
10                 "Elsa" => "27",
11                 "Kevin" => "32",
12                 "Nick" => "24",
13                 "Olaf" => "9",
14                 "Ana" => "17",
15             );
16             rsort($age);
17
18             foreach ($age as $name => $value){
19                 echo "name = ". $name. ", age =". $value. "<br>";
20             }
21         >
22     </body>
23 </html>

```



Sorting Array

```

name = 0, age =32
name = 1, age =27
name = 2, age =25
name = 3, age =24
name = 4, age =17
name = 5, age =9

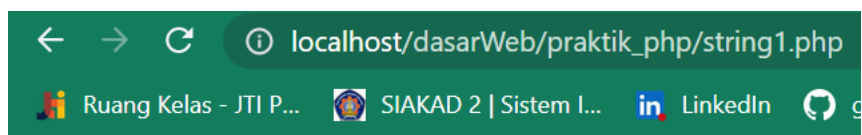
```

18. string1.php

```

C: > xampp1 > htdocs > dasarWeb > praktik_php > string1.php
1  <!DOCTYPE HTML>
2  <html>
3      <head>
4      </head>
5      <body>
6          <?php
7              echo strlen("hello world!");
8              echo "<br>";
9              echo str_word_count("hello world!");
10             echo "<br>";
11             echo strrev("hello world!");
12             echo "<br>";
13             echo strtoupper("hello world!");
14             echo "<br>";
15             echo strtolower("hello world!");
16             echo "<br>";
17             echo ucwords("hello world!");
18         ?>
19     </body>
20 </html>

```



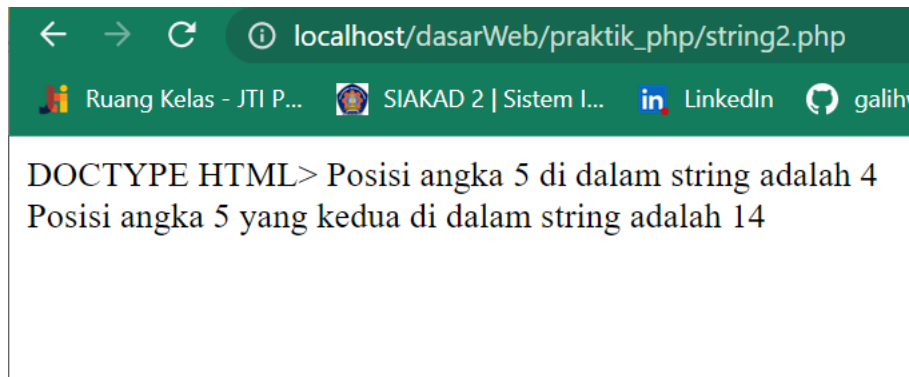
12
 2
 !dlrow olleh
 HELLO WORLD!
 hello world!
 Hello World!

19. string2.php

```

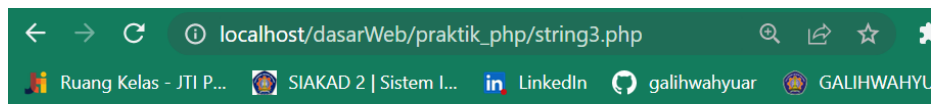
C: > xampp1 > htdocs > dasarWeb > praktik_php > string2.php
1  DOCTYPE HTML>
2  <html>
3      <head>
4      </head>
5      <body>
6          <?php
7              $numberedString = "123456789012345678901234567890";
8              $fivepos = strpos($numberedString, "5");
9              echo "Posisi angka 5 di dalam string adalah $fivepos";
10             $fivepos2 = strpos($numberedString, "5", $fivepos + 1);
11             echo "<br> Posisi angka 5 yang kedua di dalam string adalah $fivepos2";
12         ?>
13     </body>
14 </html>

```



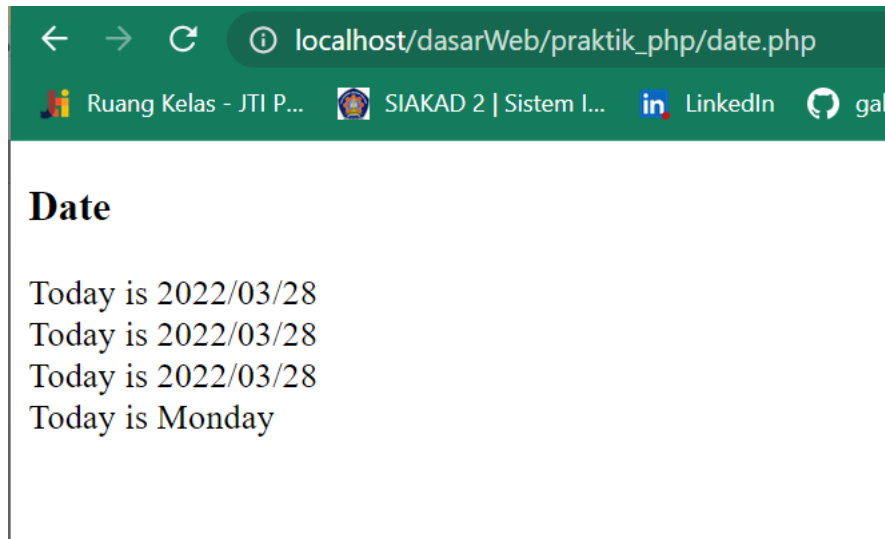
20. string3.php

```
C: > xampp1 > htdocs > dasarWeb > praktik_php > string3.php
1 <!DOCTYPE HTML>
2 <html>
3 <head>
4 </head>
5 <body>
6 <?php
7     $rawString = "Welcome Birmingham Parent.
8     Your replacement is a pleasure to have!";
9
10    $malestr = str_replace("replacement", "son", $rawString);
11    $femalestr = str_replace("replacement", "daughter", $rawString);
12
13    echo "Son: ". $malestr. "<br>";
14    echo "Daughter: ". $femalestr. "<br>";
15 <?>
16 </body>
17 </html>
```



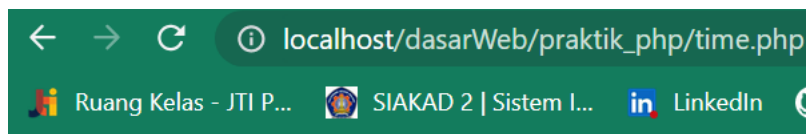
21. date.php

```
C: > xampp1 > htdocs > dasarWeb > praktik_php > date.php
5 <body>
6 <h3>Date</h3>
7 <?php
8     echo "Today is ". date("Y/m/d") . "<br>";
9     echo "Today is ". date("Y/m/d") . "<br>";
10    echo "Today is ". date("Y/m/d") . "<br>";
11    echo "Today is ". date("l");
12 <?>
13 </body>
14 </html>
```



22. time.php

```
C: > xampp1 > htdocs > dasarWeb > praktik_php > time.php
1  <!DOCTYPE HTML>
2  <html>
3      <head>
4      </head>
5      <body>
6          <h3>Time</h3>
7          <?php
8              date_default_timezone_set("asia/jakarta");
9              echo date("h:i:sa");
10             ?>
11      </body>
12  </html>
```



Time

08:58:12am