

LAPORAN PRAKTIKUM
PERANCANGAN WEB



Dosen Pengajar :

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Kelas : TI 3B

PROGRAM STUDI D3 TEKNIK INFORMASI
POLITEKNIK PURBAYA
2024/2025

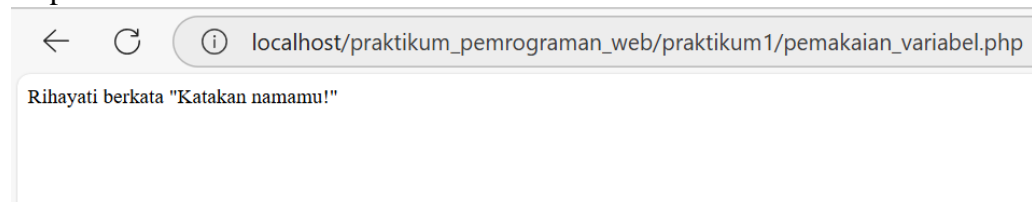
1. Pemakaian Variabel

Variable di gunakan untuk menyimpan data sementara, misalnya \$nama = "Rihayati";.

- Input

```
C:\xampp\htdocs\praktikum_pemrograman_web\praktikum1\pemakaian_variabel.php - Sublime Text (U
File Edit Selection Find View Goto Tools Project Preferences Help
pemakaian_variabel.php x operator_penugasan.php x operasi_aritmatika.php x operasi
1 <HTML>
2 <HEAD>
3 <TITLE> Contoh Skrip PHP </TITLE>
4 <BODY>
5 <?php
6 $nama = "Rihayati";
7 echo "$nama berkata \"Katakan namamu!\"";
8 ?>
9 </BODY>
10 </HTML>
```

- Output



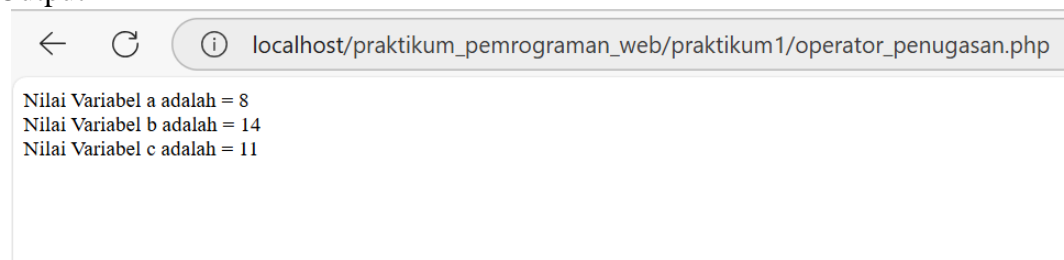
2. Operator penugasan

Operator berfungsi untuk melakukan operasi terhadap nilai variable seperti Aritmatika (+,-,*,/,%) di gunakan untuk perhitungan, penugasan (+=,=) memudahkan penulisan operasi, perbandingan (==,===,!=,<=,>=) mengevaluasi kesamaan atau ketidaksamaan, dan logika (and,or,not) untuk menghubungkan kondisi Boolean

- Input

```
C:\xampp\htdocs\praktikum_pemrograman_web\praktikum1\operator_penugasan.php - Sublin
File Edit Selection Find View Goto Tools Project Preferences Help
pemakaian_variabel.php x operator_penugasan.php x operasi_aritmatika.php x
1 <?php
2 $a = 3;
3 $b = 7;
4 $a += 5;
5 $b = ($c = 11) + 3;
6 echo "Nilai Variabel a adalah = $a";
7 echo "<BR>";
8 echo "Nilai Variabel b adalah = $b";
9 echo "<BR>";
10 echo "Nilai Variabel c adalah = $c";
11 ?>
```

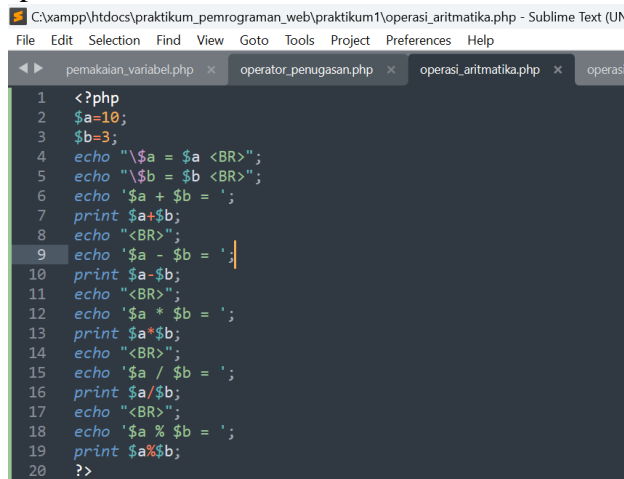
- Output



3. Operator Aritmatika

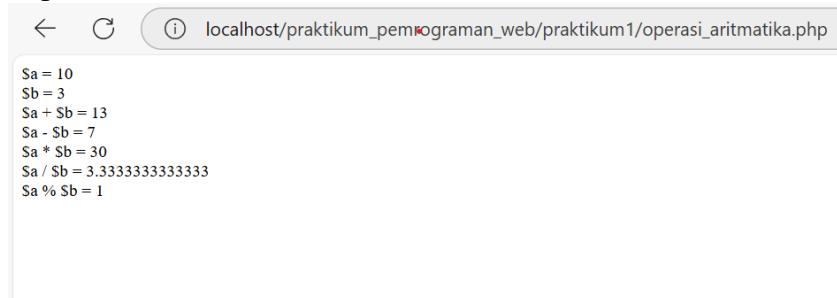
Aritmatika (+,-,*,/,%) di gunakan untuk perhitungan

- Input



```
1 <?php
2 $a=10;
3 $b=3;
4 echo "\$a = $a <BR>";
5 echo "\$b = $b <BR>";
6 echo '$a + $b = ' ;
7 print $a+$b;
8 echo "<BR>";
9 echo '$a - $b = ' ;
10 print $a-$b;
11 echo "<BR>";
12 echo '$a * $b = ' ;
13 print $a*$b;
14 echo "<BR>";
15 echo '$a / $b = ' ;
16 print $a/$b;
17 echo "<BR>";
18 echo '$a % $b = ' ;
19 print $a%$b;
20 ?>
```

- Output



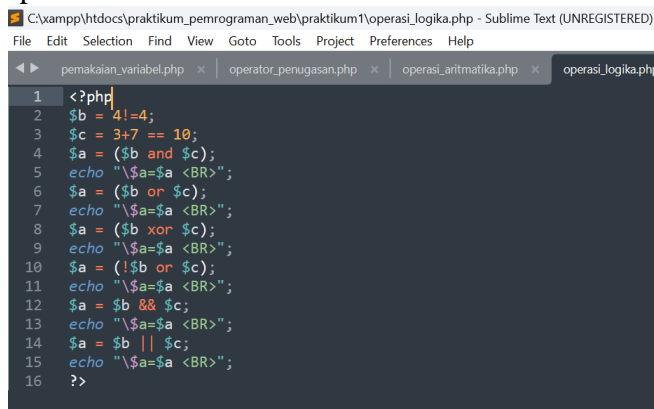
```
localhost/praktikum_pemrograman_web/praktikum1/operasi_aritmatika.php

Sa = 10
Sb = 3
Sa + Sb = 13
Sa - Sb = 7
Sa * Sb = 30
Sa / Sb = 3.3333333333333
Sa % Sb = 1
```

4. Operator Logika

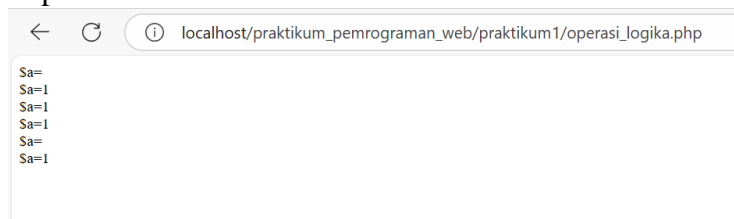
logika (and,or,not) untuk menghubungkan kondisi Boolean

- Input



```
1 <?php
2 $b = 4!=4;
3 $c = 3+7 == 10;
4 $a = ($b and $c);
5 echo "\$a=$a <BR>";
6 $a = ($b or $c);
7 echo "\$a=$a <BR>";
8 $a = ($b xor $c);
9 echo "\$a=$a <BR>";
10 $a = (! $b or $c);
11 echo "\$a=$a <BR>";
12 $a = $b && $c;
13 echo "\$a=$a <BR>";
14 $a = $b || $c;
15 echo "\$a=$a <BR>";
16 ?>
```

- Output



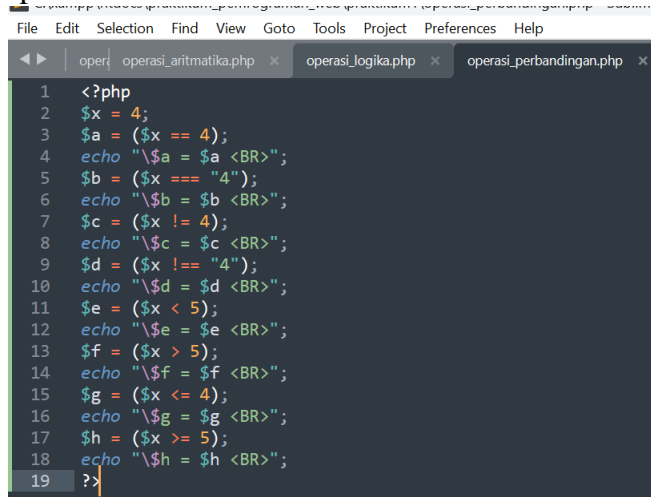
```
localhost/praktikum_pemrograman_web/praktikum1/operasi_logika.php

Sa=
Sa=1
Sa=1
Sa=1
Sa=
Sa=1
```

5. Operator Perbandingan

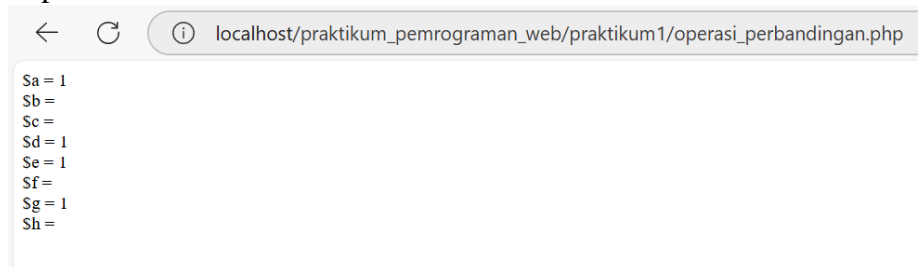
perbandingan (==,===,!=,<,>,>=) mengevaluasi kesamaan atau ketidaksamaan

- Input



```
<?php
1 $x = 4;
2 $a = ($x == 4);
3 echo "\$a = $a <BR>";
4 $b = ($x === "4");
5 echo "\$b = $b <BR>";
6 $c = ($x != 4);
7 echo "\$c = $c <BR>";
8 $d = ($x !== "4");
9 echo "\$d = $d <BR>";
10 $e = ($x < 5);
11 echo "\$e = $e <BR>";
12 $f = ($x > 5);
13 echo "\$f = $f <BR>";
14 $g = ($x <= 4);
15 echo "\$g = $g <BR>";
16 $h = ($x >= 5);
17 echo "\$h = $h <BR>";
18
19 ?>
```

- Output

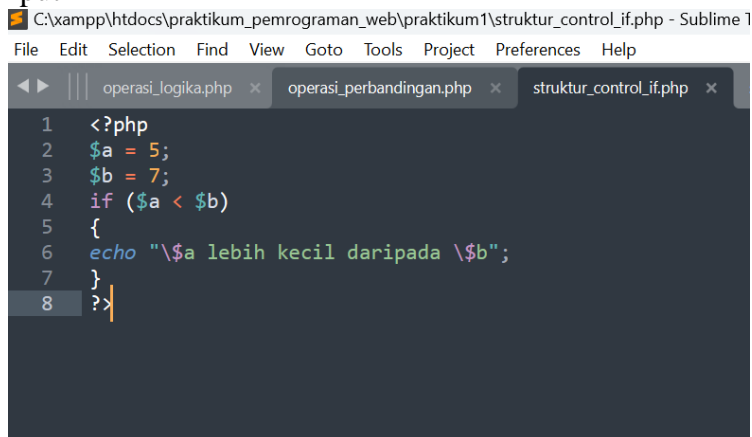


localhost/praktikum_pemrograman_web/praktikum1/operasi_perbandingan.php

```
Sa = 1
Sb =
Sc =
Sd = 1
Se = 1
Sf =
Sg = 1
Sh =
```

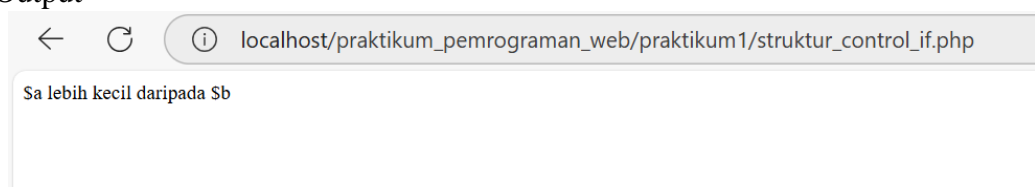
6. Struktur Kontrol : if (Percabangan sederhana)

- Input



```
C:\xampp\htdocs\praktikum_pemrograman_web\praktikum1\struktur_control_if.php - Sublime 1
File Edit Selection Find View Goto Tools Project Preferences Help
1 <?php
2 $a = 5;
3 $b = 7;
4 if ($a < $b)
5 {
6 echo "\$a lebih kecil daripada \$b";
7 }
8 ?>
```

- Output



localhost/praktikum_pemrograman_web/praktikum1/struktur_control_if.php

```
Sa lebih kecil daripada Sb
```

7. Struktur Kontrol :if-else (Percabngan dua kondisi)

- Input

```
C:\xampp\htdocs\praktikum_pemrograman_web\praktikum1\struktur_kontrol_if_else.php - Sublime
File Edit Selection Find View Goto Tools Project Preferences Help
struktur_kontrol_if.php x struktur_kontrol_if_else.php x
1 <?php
2 $a = 5;
3 $b = 3;
4 echo "\$a = $a <BR>";
5 echo "\$b = $b <BR>";
6 if ($a < $b)
7 {
8     echo '$a lebih kecil daripada $b';
9 }
10 else
11 {
12     echo '$a lebih besar daripada $b';
13 }
14 ?>
```

- Output

```
localhost/praktikum_pemrograman_web/praktikum1/struktur_kontrol_if_else.php
Sa = 5
Sb = 3
Sa lebih besar daripada Sb
```

8. Struktur Kontrol : Syntax if-else (Percabangan banyak kondisi)

- Input

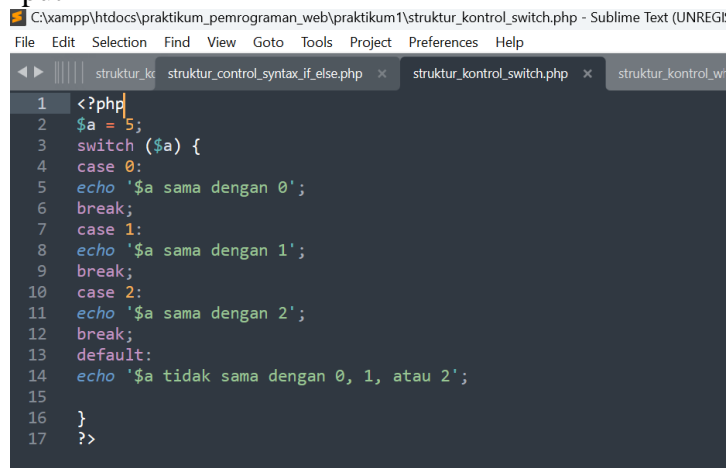
```
C:\xampp\htdocs\praktikum_pemrograman_web\praktikum1\struktur_control_syntax_if_else.php - Su
File Edit Selection Find View Goto Tools Project Preferences Help
struktur_kontrol_if_else.php x struktur_control_syntax_if_else.php x
1 <?php
2 $a = 5;
3 $b = 7;
4 echo "\$a = $a <BR>";
5 echo "\$b = $b <BR>";
6 if ($a == $b):
7     echo '$s sama dengan $b';
8 elseif ($a > $b):
9     echo '$a lebih besar daripada $b';
10 else:
11     echo '$a lebih kecil daripada $b';
12 endif;
13 ?>
```

- Output

```
localhost/praktikum_pemrograman_web/praktikum1/struktur_control_syntax_if_else.php
Sa = 5
Sb = 7
Sa lebih kecil daripada Sb
```

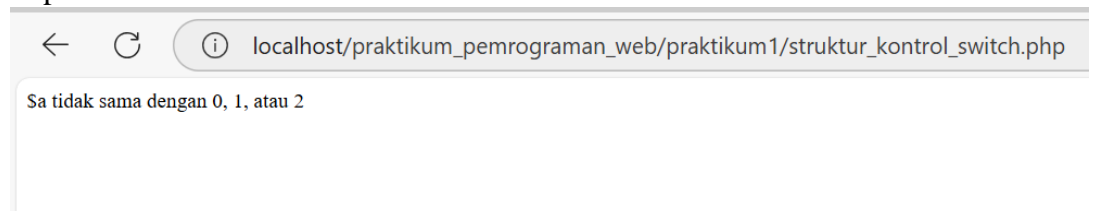
9. Struktur Kontrol : Switch (Memilih kondisi berdasarkan Nilai)

- Input



```
1 <?php
2 $a = 5;
3 switch ($a) {
4 case 0:
5 echo '$a sama dengan 0';
6 break;
7 case 1:
8 echo '$a sama dengan 1';
9 break;
10 case 2:
11 echo '$a sama dengan 2';
12 break;
13 default:
14 echo '$a tidak sama dengan 0, 1, atau 2';
15 }
16 ?>
```

- Output

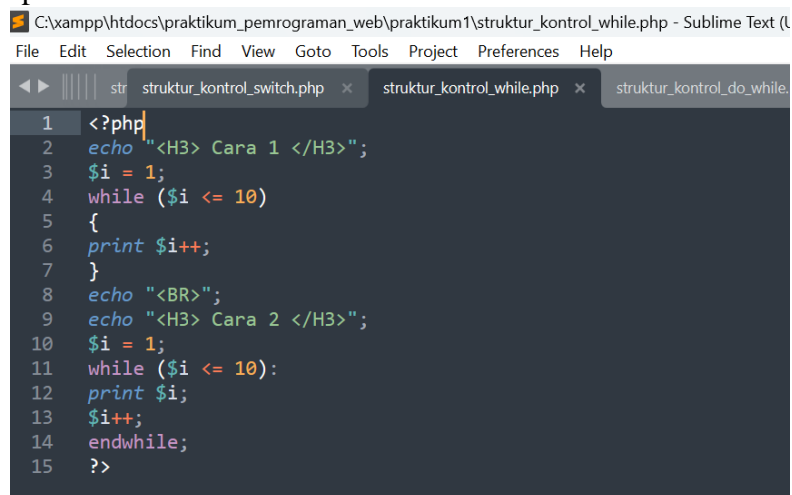


localhost/praktikum_pemrograman_web/praktikum1/struktur_kontrol_switch.php

Sa tidak sama dengan 0, 1, atau 2

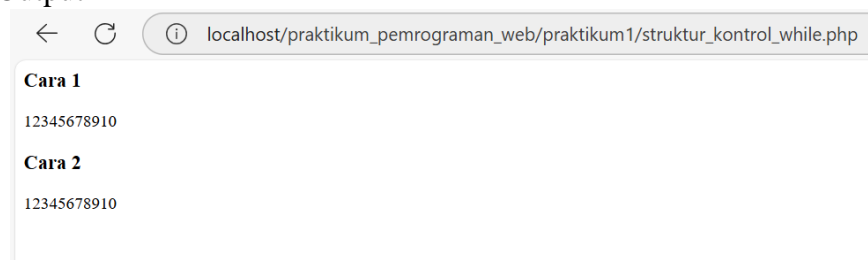
10. Struktur Kontrol :While (Perulangan dengan kondisi di awal)

- Input



```
1 <?php
2 echo "<H3> Cara 1 </H3>";
3 $i = 1;
4 while ($i <= 10)
5 {
6 print $i++;
7 }
8 echo "<BR>";
9 echo "<H3> Cara 2 </H3>";
10 $i = 1;
11 while ($i <= 10):
12 print $i;
13 $i++;
14 endwhile;
15 ?>
```

- Output



localhost/praktikum_pemrograman_web/praktikum1/struktur_kontrol_while.php

Cara 1

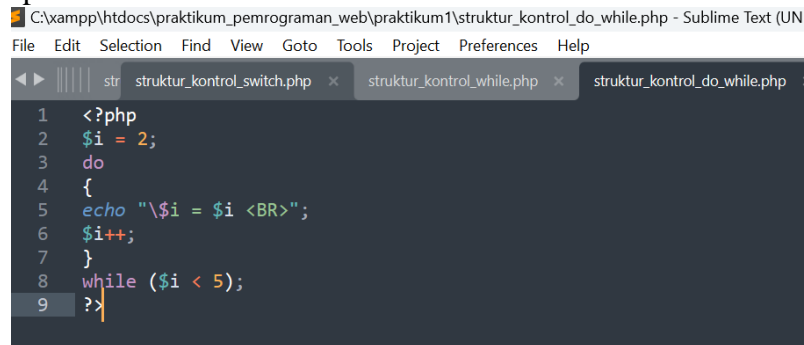
12345678910

Cara 2

12345678910

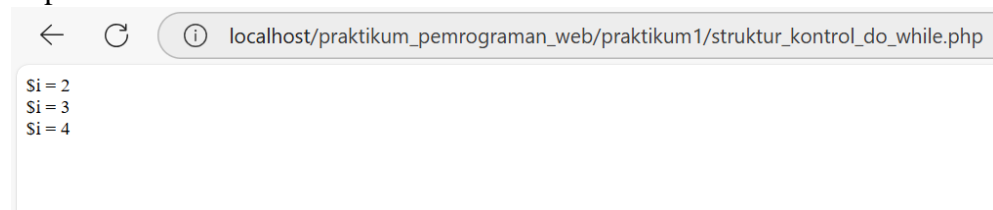
11. Struktur Kontrol :do...While (Perulangan dengan Kondisi di akhir)

- Input



```
C:\xampp\htdocs\praktikum_pemrograman_web\praktikum1\struktur_kontrol_do_while.php - Sublime Text (UN
File Edit Selection Find View Goto Tools Project Preferences Help
struktur_kontrol_switch.php x struktur_kontrol_while.php x struktur_kontrol_do_while.php
1 <?php
2 $i = 2;
3 do
4 {
5 echo "\$i = $i <BR>";
6 $i++;
7 }
8 while ($i < 5);
9 ?>
```

- Output



```
localhost/praktikum_pemrograman_web/praktikum1/struktur_kontrol_do_while.php
Si = 2
Si = 3
Si = 4
```

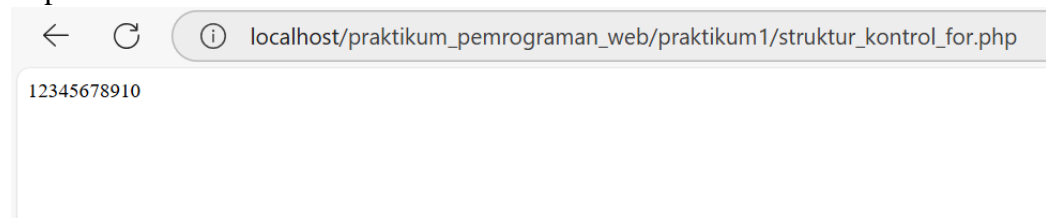
12. Struktur Kontrol :For (Perulangan dengan variable penghitung)

- Input



```
C:\xampp\htdocs\praktikum_pemrograman_web\praktikum1\struktur_kontrol_for.php - Sublime Text
File Edit Selection Find View Goto Tools Project Preferences Help
struktur_kontrol_switch.php x struktur_kontrol_while.php x struktur_kontrol_do_v
1 <?php
2 for ($i=1;$i<=10;$i++) {
3 print $i;
4 }
5 ?>
```

- Output



```
localhost/praktikum_pemrograman_web/praktikum1/struktur_kontrol_for.php
12345678910
```

13. Struktur Kontrol : Break (Menghentikan perulangan)

- Input

```
C:\xampp\htdocs\praktikum_pemrograman_web\praktikum1\struktur_kontrol_break.php -
File Edit Selection Find View Goto Tools Project Preferences Help
struktur_kontrol_switch.php x struktur_kontrol_while.php x struktur_
1 <?php
2 for ($i = 1; $i <= 10; $i++) {
3     if ($i == 6) {
4         break;
5     }
6     echo "\$i = $i <BR>";
7 }
8 ?>
```

- Output

```
localhost/praktikum_pemrograman_web/praktikum1/struktur_kontrol_break.php
Si = 1
Si = 2
Si = 3
Si = 4
Si = 5
```

14. Struktur Kontrol : Continue (Melompati Literasi Tertentu)

- Input

```
C:\xampp\htdocs\praktikum_pemrograman_web\praktikum1\struktur_kontrol_continue.php -
File Edit Selection Find View Goto Tools Project Preferences Help
struktur_kontrol_switch.php x struktur_kontrol_while.php x struktur_kontrol_continue.php
1 <?php
2 for ($i = 1; $i <= 10; $i++) {
3     if (!($i%2)) {
4         continue;
5     }
6     echo "\$i = $i <BR>";
7 }
8 ?>
```

- Output

```
localhost/praktikum_pemrograman_web/praktikum1/struktur_kontrol_continue.php
Si = 1
Si = 3
Si = 5
Si = 7
Si = 9
```