

LAPORAN

**Praktikum Pemrograman WEB**



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**Kelas : 1 D4 Teknik Informatika A**

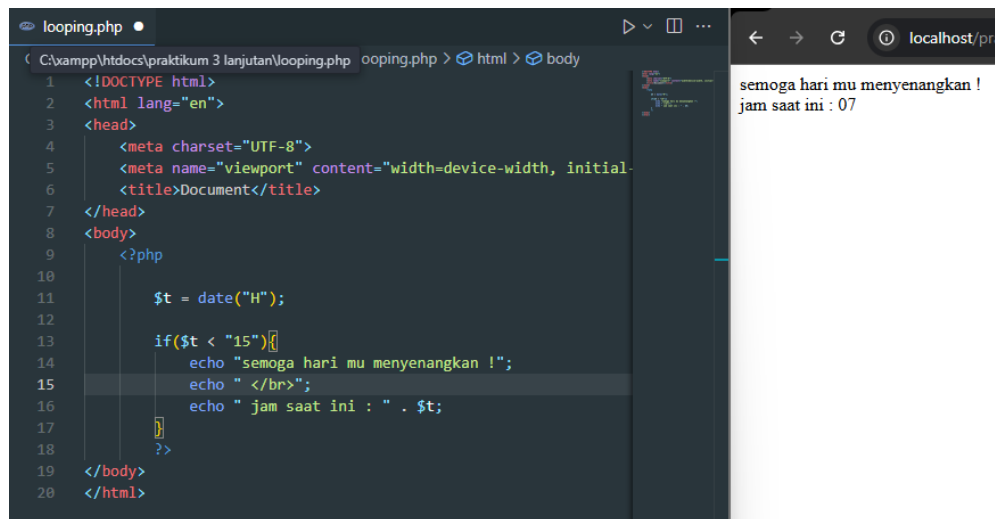
**NRP : 3124600001**

## A. Tujuan Pembelajaran

1. Mahasiswa mampu memahami dan mengaplikasikan Condition PHP
2. Mahasiswa mampu memahami dan mengaplikasikan Looping PHP

## B. Lopping and if else

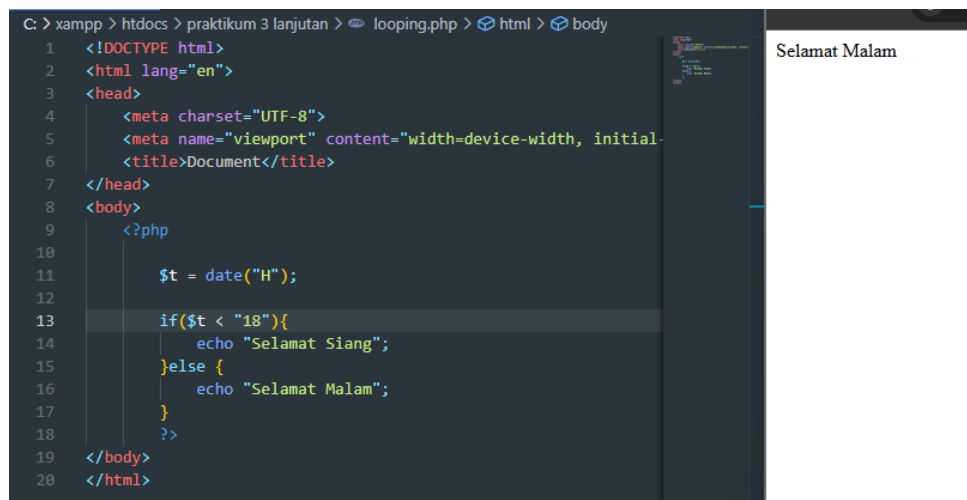
1. If statement satu kondisi



```
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4   <meta charset="UTF-8">
5   <meta name="viewport" content="width=device-width, initial-
6   <title>Document</title>
7 </head>
8 <body>
9   <?php
10
11     $t = date("H");
12
13     if($t < "15"){
14       echo "semoga hari mu menyenangkan !";
15       echo " <br>";
16       echo " jam saat ini : " . $t;
17     }
18   <?>
19 </body>
20 </html>
```

semoga hari mu menyenangkan !  
jam saat ini : 07

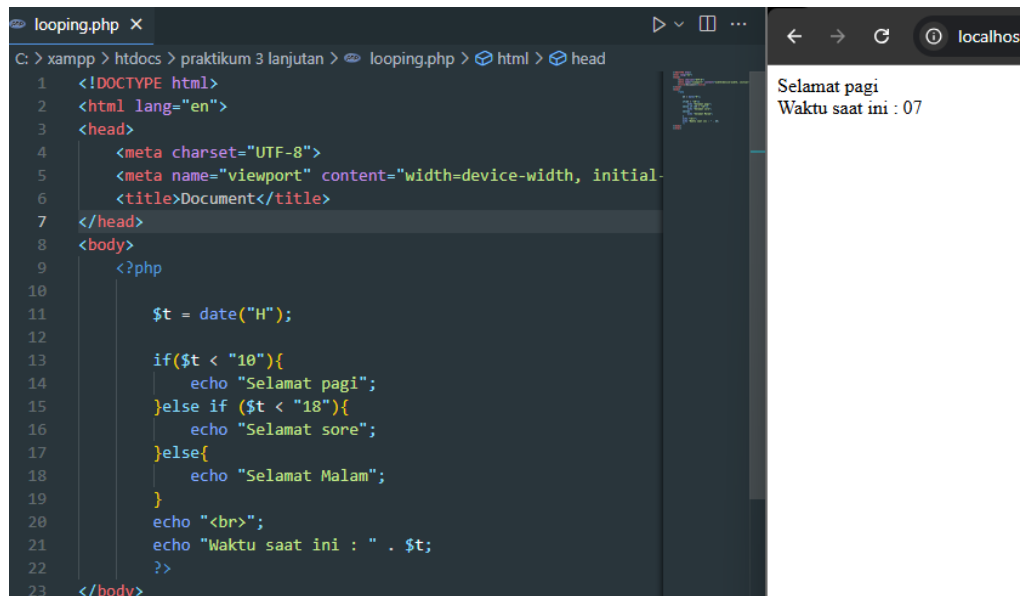
2. if else statement dua kondisi



```
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4   <meta charset="UTF-8">
5   <meta name="viewport" content="width=device-width, initial-
6   <title>Document</title>
7 </head>
8 <body>
9   <?php
10
11     $t = date("H");
12
13     if($t < "18"){
14       echo "Selamat Siang";
15     }else {
16       echo "Selamat Malam";
17     }
18   <?>
19 </body>
20 </html>
```

Selamat Malam

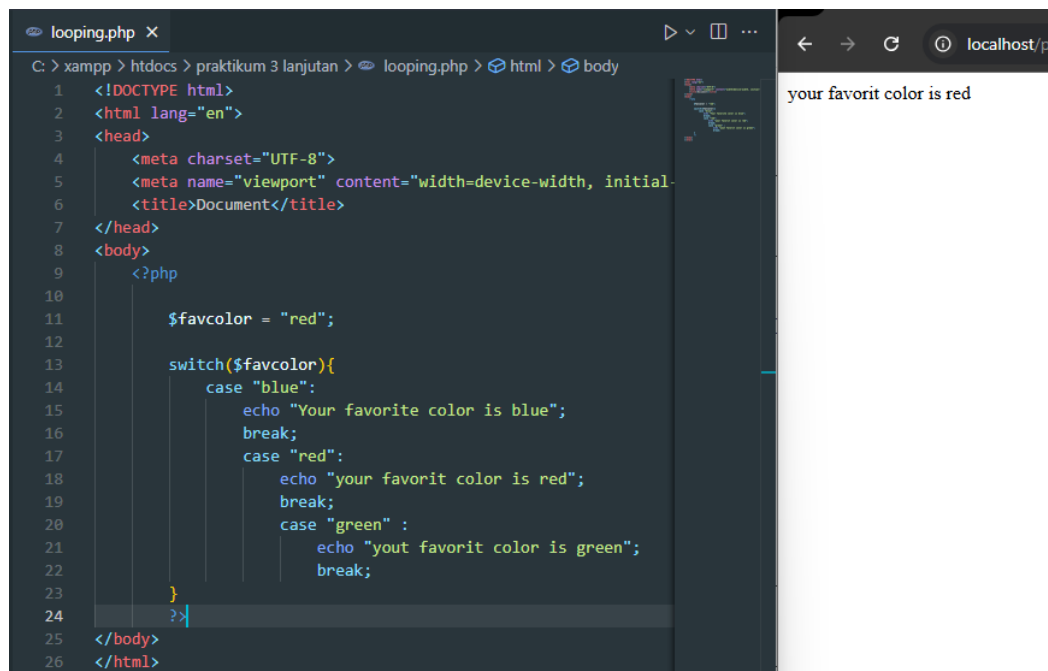
### 3. If elseif statement



```
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4     <meta charset="UTF-8">
5     <meta name="viewport" content="width=device-width, initial-
6     <title>Document</title>
7 </head>
8 <body>
9     <?php
10
11         $t = date("H");
12
13         if($t < "10"){
14             echo "Selamat pagi";
15         }else if ($t < "18"){
16             echo "Selamat sore";
17         }else{
18             echo "Selamat Malam";
19         }
20         echo "<br>";
21         echo "Waktu saat ini : " . $t;
22     ?>
23 </body>
```

Selamat pagi  
Waktu saat ini : 07

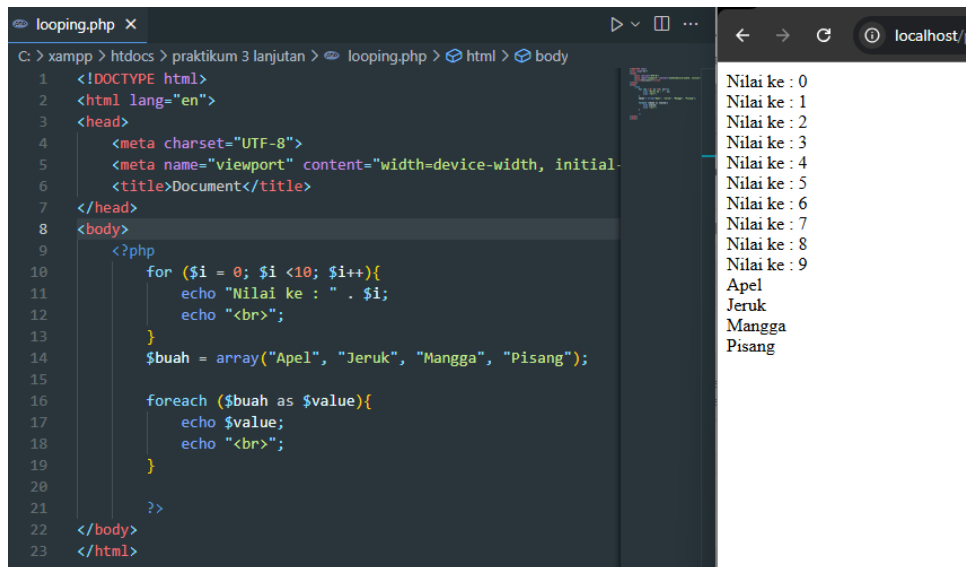
### 4. Switch Statement



```
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4     <meta charset="UTF-8">
5     <meta name="viewport" content="width=device-width, initial-
6     <title>Document</title>
7 </head>
8 <body>
9     <?php
10
11         $favcolor = "red";
12
13         switch($favcolor){
14             case "blue":
15                 echo "Your favorite color is blue";
16                 break;
17             case "red":
18                 echo "your favorit color is red";
19                 break;
20             case "green" :
21                 echo "yout favorit color is green";
22                 break;
23         }
24     ?>
25 </body>
26 </html>
```

your favorit color is red

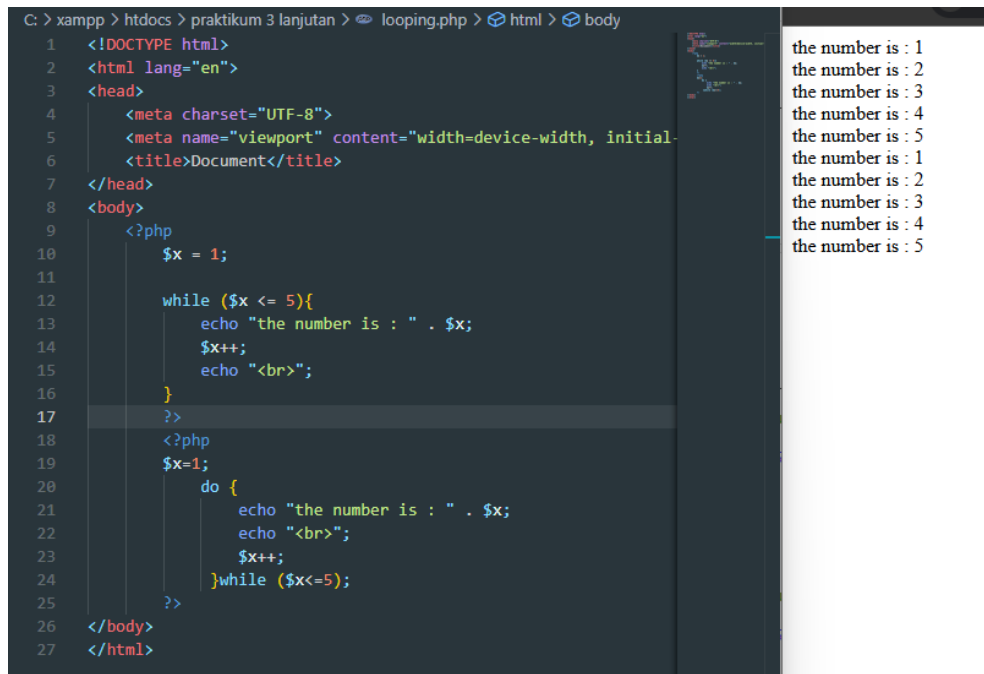
## 5. For Loop



```
looping.php X
C: > xampp > htdocs > praktikum 3 lanjutan > looping.php > html > body
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4 <meta charset="UTF-8">
5 <meta name="viewport" content="width=device-width, initial-
6 <title>Document</title>
7 </head>
8 <body>
9 <?php
10     for ($i = 0; $i < 10; $i++){
11         echo "Nilai ke : " . $i;
12         echo "<br>";
13     }
14     $buah = array("Apel", "Jeruk", "Mangga", "Pisang");
15
16     foreach ($buah as $value){
17         echo $value;
18         echo "<br>";
19     }
20
21 >
22 </body>
23 </html>
```

Nilai ke : 0  
Nilai ke : 1  
Nilai ke : 2  
Nilai ke : 3  
Nilai ke : 4  
Nilai ke : 5  
Nilai ke : 6  
Nilai ke : 7  
Nilai ke : 8  
Nilai ke : 9  
Apel  
Jeruk  
Mangga  
Pisang

## 6. while Loop



```
C: > xampp > htdocs > praktikum 3 lanjutan > looping.php > html > body
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4 <meta charset="UTF-8">
5 <meta name="viewport" content="width=device-width, initial-
6 <title>Document</title>
7 </head>
8 <body>
9 <?php
10     $x = 1;
11
12     while ($x <= 5){
13         echo "the number is : " . $x;
14         $x++;
15         echo "<br>";
16     }
17 >
18 <?php
19     $x=1;
20     do {
21         echo "the number is : " . $x;
22         echo "<br>";
23         $x++;
24     }while ($x<=5);
25 >
26 </body>
27 </html>
```

the number is : 1  
the number is : 2  
the number is : 3  
the number is : 4  
the number is : 5  
the number is : 1  
the number is : 2  
the number is : 3  
the number is : 4  
the number is : 5

## C. Workshop

### 1. Deret Fibonacci

```
C:\xampp> htdocs > praktikum 3 lanjutan > deret fibonacci.php > html > body
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4   <meta charset="UTF-8">
5   <meta name="viewport" content="width=device-width, initial-
6   <title>Document</title>
7 </head>
8 <body>
9   <?php
10    $a = 0;
11    $b = 1;
12    echo $a. " " . $b;
13    for ($i = 2; $i <= 10; $i++){
14      $c = $a+$b;
15      echo " " . $c;
16      $a=$b;
17      $b=$c;
18    }
19  ?>
20 </body>
21 </html>
```

0 1 1 2 3 5 8 13 21 34 55

### 2. Menampilkan Deret Bilangan Prima.

```
C:\xampp> htdocs > praktikum 3 lanjutan > ganjil.php > html > body
2 <html lang="en">
3 <head>
4   <meta charset="UTF-8">
5   <meta name="viewport" content="width=device-width, initial-
6   <title>Document</title>
7 </head>
8 <body>
9   <?php
10    $a = 7;
11    $b = 0;
12
13    for ($i = 1; $i <= $a; $i++){
14      if ($a % $i == 0){
15        $b++;
16      }
17    }
18
19    if($b == 2){
20      echo "Bilangan " . $a . " adalah bilangan prima";
21    }else{
22      echo "Bilangan " . $a . " bukan bilangan prima";
23    }
24  ?>
25
26 </body>
27 </html>
```

Bilangan 7 adalah bilangan prima

3. program untuk menampilkan tanggal dari komputer anda (format date pada komputer harus English(US)) dan melakukan konversi kedalam bahasa indonesia dengan contoh format “Rabu, 11 Agustus 2016”.

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-
scale=1.0">
  <title>Document</title>
</head>
<body>
  <?php
    $tanggal = date("l, j F Y");
    $nama_hari = array("Monday" => "Senin", "Tuesday" => "Selasa",
"Wednesday" => "Rabu", "Thursday" => "Kamis", "Friday" => "Jumat",
"Saturday" => "Sabtu", "Sunday" => "Minggu");
    $nama_bulan = array("January" => "Januari", "February" => "Februari",
"March" => "Maret", "April" => "April", "May" => "Mei", "June" =>
"Juni", "July" => "Juli", "August" => "Agustus", "September" =>
"September", "October" => "Oktober", "November" => "November",
"December" => "Desember");
    $tanggal_indonesia = $nama_hari[date("l")] . ", " . date("j") . " " .
$nama_bulan[date("F")] . " " . date("Y");
    echo $tanggal_indonesia;

  ?>
</body>
</html>
```

The image shows a web browser window on the right and a code editor on the left. The browser displays the date "Senin, 10 Maret 2025". The code editor shows a PHP file named "ganjil.php" with the following code:

```
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4     <meta charset="UTF-8">
5     <meta name="viewport" content="width=device-width, initial-
6     <title>Document</title>
7 </head>
8 <body>
9     <?php
10     $tanggal = date("l, j F Y");
11     $nama_hari = array("Monday" => "Senin", "Tuesday" => "Sela:
12     $nama_bulan = array("January" => "Januari", "February" => '
13     $tanggal_indonesia = $nama_hari[date("l")] . ", " . date("
14     echo $tanggal_indonesia;
15
16     ?>
17 </body>
18 </html>
19
```