

“PHP Lanjut”

Cobalah percobaan di bawah ini dan pahami dari setiap percobaan yang dilakukan.

Tools untuk praktikum :

- Web service : XAMPP, Apache dll
 - Browser : FireFox, Google Chrome dll
 - Editor : Notepad, NetBeans, Dreamweaver dll
-

PERCOBAAN

1. PHP Condition

```
<!DOCTYPE html>
<html>
<body>

<?php
$t = date("H");

if ($t < "20") {
    echo "Have a good day!";
}
?>

</body>
</html>
```

```
<!DOCTYPE html>
<html>
<body>

<?php
$t = date("H");

if ($t < "20") {
    echo "Have a good day!";
} else {
    echo "Have a good night!";
}
?>

</body>
</html>
```

```
<!DOCTYPE html>
<html>
```

```
<body>

<?php
$t = date("H");
echo "<p>Waktu di Server Komputer adalah " . $t;
echo ", Pesan untuk anda:</p>";

if ($t < "10") {
    echo "Selamat Pagi!";
} elseif ($t < "14") {
    echo "Selamat Siang";
} elseif ($t < "18") {
    echo "Selamat Sore";
} else {
    echo "Have a good night!";
}
?>

</body>
</html>
```

```
<!DOCTYPE html>
<html>
<body>

<?php
$favcolor = "red";

switch ($favcolor) {
    case "red":
        echo "<p style='color: red;'> Warna terpilih MERAH! </p>";
        break;
    case "blue":
        echo "<p style='color: red;'> Warna terpilih BIRU! </p>";
        break;
    case "green":
        echo "<p style='color: red;'> Warna terpilih HIJAU! </p>";
        break;
    default:
        echo "Coba lagi!";
}
?>

</body>
</html>
```

2. Looping

```
<!DOCTYPE html>
<html>
<body>

<?php
$x = 1;
```

```
while($x <= 5) {  
    echo "Angka yang di masukan : $x <br>";  
    $x++;  
}  
?>  
  
</body>  
</html>
```

```
<!DOCTYPE html>  
<html>  
<body>  
  
<?php  
$x = 6;  
  
do {  
    echo " Angka : $x <br>";  
    $x++;  
} while ($x <= 5);  
?>  
  
</body>  
</html>
```

```
<!DOCTYPE html>  
<html>  
<body>  
  
<?php  
for ($x = 0; $x <= 10; $x++) {  
    echo "Angka : $x <br>";  
}  
?>  
  
</body>  
</html>
```

```
<!DOCTYPE html>  
<html>  
<body>  
  
<?php  
$colors = array("merah", "hijau", "biru", "kuning");  
  
foreach ($colors as $value) {  
    echo "$value <br>";  
}  
?>  
  
</body>
```

```
</html>
```

3. PHP Function

```
<!DOCTYPE html>
<html>
<body>

<?php
function writeMsg() {
    echo "Hello world!";
}

writeMsg();
?>

</body>
</html>
```

```
<!DOCTYPE html>
<html>
<body>

<?php
function familyName($fname) {
    echo "$fname Refsnes.<br>";
}

familyName("Bejo");
familyName("Painem");
familyName("Rudi");
familyName("Paijo");
familyName("Alex");
?>

</body>
</html>
```

```
<!DOCTYPE html>
<html>
<body>

<?php
function setHeight($minheight = 50) {
    echo "The height is : $minheight <br>";
}

setHeight(350);
setHeight();
setHeight(135);
setHeight(80);
?>
```

```

</body>
</html>

```

4. PHP Arrays

```

<!DOCTYPE html>
<html>
<body>

<?php
$cars = array("Volvo", "BMW", "Toyota");
echo "I like " . $cars[0] . ", " . $cars[1] . " and " . $cars[2] . ".";
?>

</body>
</html>

```

```

<!DOCTYPE html>
<html>
<body>

<?php
$cars = array("Volvo", "BMW", "Toyota");
$arrlength = count($cars);

for($x = 0; $x < $arrlength; $x++) {
    echo $cars[$x];
    echo "<br>";
}
?>

</body>
</html>

```

```

<!DOCTYPE html>
<html>
<body>

<?php
$age = array("Peter"=>"35", "Ben"=>"37", "Joe"=>"43");
echo "Peter is " . $age['Peter'] . " years old.";
?>

</body>
</html>

```

```

<!DOCTYPE html>
<html>
<body>

<?php
$age = array("Peter"=>"35", "Ben"=>"37", "Joe"=>"43");

```

```

foreach($age as $x => $x_value) {
    echo "Key=" . $x . ", Value=" . $x_value;
    echo "<br>";
}
?>

</body>
</html>

```

```

<!DOCTYPE html>
<html>
<body>

<?php
$cars = array
(
    array("Volvo",22,18),
    array("BMW",15,13),
    array("Saab",5,2),
    array("Land Rover",17,15)
);

echo $cars[0][0].": In stock: ".$cars[0][1].", sold:
".$cars[0][2]."<br>";
echo $cars[1][0].": In stock: ".$cars[1][1].", sold:
".$cars[1][2]."<br>";
echo $cars[2][0].": In stock: ".$cars[2][1].", sold:
".$cars[2][2]."<br>";
echo $cars[3][0].": In stock: ".$cars[3][1].", sold:
".$cars[3][2]."<br>";
?>

</body>
</html>

```

5. PHP Array Sorting

```

<!DOCTYPE html>
<html>
<body>

<?php
$cars = array("Volvo", "BMW", "Toyota");
rsort($cars);

$clength = count($cars);
for($x = 0; $x < $clength; $x++) {
    echo $cars[$x];
    echo "<br>";
}
?>

</body>
</html>

```

```
<!DOCTYPE html>
<html>
<body>

<?php
$numbers = array(4, 6, 2, 22, 11);
sort($numbers);

$arlength = count($numbers);
for($x = 0; $x < $arlength; $x++) {
    echo $numbers[$x];
    echo "<br>";
}
?>

</body>
</html>
```

```
<!DOCTYPE html>
<html>
<body>

<?php
$numbers = array(4, 6, 2, 22, 11);
rsort($numbers);

$arlength = count($numbers);
for($x = 0; $x < $arlength; $x++) {
    echo $numbers[$x];
    echo "<br>";
}
?>

</body>
</html>
```

6. PHP Date and Time

```
<!DOCTYPE html>
<html>
<body>

<?php
echo "Tanggal hari ini " . date("Y/m/d") . "<br>";
echo "Tanggal hari ini " . date("Y.m.d") . "<br>";
echo "Tanggal hari ini " . date("Y-m-d") . "<br>";
echo "Tanggal hari ini " . date("l");
?>

</body>
</html>
```

```
<!DOCTYPE html>
<html>
<body>

<?php
date_default_timezone_set("Asia/Jakarta");
echo "Sekarang waktu Jakarta : " . date("h:i:sa");
echo "<br/>";
date_default_timezone_set("Asia/Tokyo");
echo "Sekarang waktu Tokyo : " . date("h:i:sa");
echo "<br/>";
date_default_timezone_set("America/New_York");
echo "Sekarang waktu New York : " . date("h:i:sa");
?>

</body>
</html>
```

Praktikum

1. Menampilkan Deret Fibonacci.
2. Menampilkan Deret Bilangan Prima.
3. Buatlah program untuk menampilkan tanggal dari komputer anda dan melakukan konversi kedalam bahasa indonesia dengan contoh format ***"Rabu, 11 Agustus 2016"***.

∴ SELAMAT MENERJAKAN ∴