

```
<?php
```

```
// variables
```

```
$nama = "Lucia Odilia Sorontou";
```

```
$umur = "20";
```

```
if(empty($nama)){
```

```
    echo "Tidak ada nama..";
```

```
} else{
```

```
    //Echo / print
```

```
echo "Nama saya adalah ".$nama.", saya berumur ".$umur;
```

```
}
```

```
//Data Typesm
```

```
echo "</br>";
```

```
$nama = "Lucia Odilia Sorontou";
```

```
$umur = 20;
```

```
var_dump($nama);
```

```
echo "</br>";
```

```
var_dump($umur);
```

```
echo "<br/>";
```

```
//Strings
```

```
$pesan = "Hi";
```

```
$error = 'Username tidak ditemukan';
```

```
$salamat = 'Sanggeng';
```

```
echo $pesan . "<br/>" . $error . "<br/>" . $salamat;
```

```
//Numbers
```

```
echo "<br/>";
```

```
$x = 123;
```

```
var_dump(is_int($x));
```

```
echo "<br/>";
```

```
$x = 123.33;
```

```
var_dump(is_int($x));
```

```
//Math
```

```
echo "<br/>";
```

```
$x = 30;
```

```
$y = 45;
```

```
$z = 15;
```

```
echo $x * $z. '<br/>';
```

```
echo $x / $z. '<br/>';
```

```
echo $x + $y. '<br/>';
```

```
echo $x - $z;
```

```
//Constants
```

```
echo "<br>";
```

```
define('NAMA', 'Lucia Sorontou');
```

```
echo NAMA;
```

```
echo "<br>";
```

```
const UMUR = 20;
```

```
echo UMUR;
```

```
//Magic Constants
```

```
echo "<br>";
```

```
Function namaClass(){
```

```
    echo "Class ini bernama Pweb " . _CLASS_ . "<br>";
```

```
    echo "Methodnya bernama " . _METHOD_ . "<br>";
```

```
}
```

```
$obj = namaClass();
```

```
//Operators
```

```
$angka = 40;
```

```
$angka2 = 33;
```

```
echo "Hasil dari $angka + $angka2 = " . $angka + $angka2;
```

```
//if...else..elseif
```

```
echo "<br>";
```

```
$mata_kuliah = 'PemWeb';
```

```
$nilai    = 80;
```

```
if ($nilai > 90){
```

```
    $hasil = "Nilai kamu A";
```

```
}elseif($nilai > 70 && $nilai <= 90){
```

```
    $hasil = "Nilai kamu B";
```

```
}elseif ($nilai > 50 && $nilai <= 70) {
```

```
    $hasil = "Nilai kamu C";
```

```
}
```

```
else {
```

```
    $hasil = "kamu harus belajar lagi";
```

```
}
```

```
echo $hasil;
```

```
//switch
```

```
echo "<br>";
```

```
$hari = 'senin';
```

```
switch ($hari)
```

```
{
```

```

case 'senin':

    echo 'Hari ini adalah hari ' .$hari. ', semangat baru hari pertama!';

    break;

case 'jumat':

    echo 'Hari ini adalah hari ' .$hari. ', besok weekend!';

    break;

case 'minggu':

    echo 'Hari ini adalah hari ' .$hari. ', yeyy happy weekend!';

    break;

default:

    echo 'Hari ini adalah hari ' .$hari. ', tetap semangatt yaa!';

    break;

}

```

//Loops

```

echo "<br>";

for($i=0;$i<=5;$i++)

{

for($j=0;$j<=$i;$j++) {

echo " * ";

}

echo "<br/>";

}

```

//Function

```

echo "<br>";

function luasSegitiga($alas,$tinggi) {

    $luas =0.5 *$alas * $tinggi;

    return $luas;

}

```

```
function sum(...$input){
```

```
    $result = 0;
```

```
    foreach ($input as $value){
```

```
        $result = $result + $value;
```

```
    }
```

```
    return $result;
```

```
}
```

```
echo sum (1,2,3,56,23,334,56);
```

```
//Arrays
```

```
echo "<br>";
```

```
$tas = array("Laptop", "Buku", "Pulpen");
```

```
echo $tas[0];
```

```
echo $tas[1];
```

```
echo $tas[2];
```

```
//Superglobals
```

```
echo "<br>";
```

```
echo $_SERVER["SERVER_NAME"]
```

```
?>
```