

LAPORAN PRAKTIKUM
PEMROGRAMAN WEB
WEEK 7



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1. Helloworld.php

```
<?php
echo "hello world"
?>
```

2. HTML.php

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>PHP dalam HTML</title>
</head>
<body>
  <p>Ini adalah Paragraf dalam HTML</p>
  <?php echo "<P>Ini berasal dari PHP"?>
</body>
</html>
```

3. Aturan.php

```
<?php
echo "<p>Ini berasal dari PHP sederhana";

Echo "<p>Ini Enya besar</p>";

$andi = "Andi";
// echo $Andi;
echo $andi;

echo "<p>Hello World</p>";
$a = 3;
$b = 4;
$nama = "Informatika";
$c = $a / 25.0;
if ($a != $b) {
  echo "<p>a dan b tidak sama </p>";
}

?>
```

4. Variable_Konstanta.php

```
<?php

$nama = "Hazli";
define("GRAVITASI", 10);
echo $nama;
echo "</br>";
echo GRAVITASI;

$prodi = "Informatika";
echo "<p>Saya sedang berkuliah di $prodi</p>";
$umur = 20;
echo "<p>Saya sudah berumur $umur</p>";

$mobil = "Hyundai";
echo $mobil;
unset($mobil);
echo "</br>";
// echo $mobil;

?>
```

5. Tipedata.php

```
<?php
$var1 = 12; //integer
echo gettype($var1);
echo "</br>";

$var2 = 99.99; //double
echo gettype($var2);
echo "</br>";

$var3 = "Informatika"; //string
echo gettype($var3);
echo "</br>";

$var4 = "Ini petik 1"; //string
echo gettype($var4);
echo "</br>";

//vardump
$var1 = 12;
var_dump($var1);
echo "</br>";
```

```

$var2 = 99.99;
var_dump($var2);
echo "</br>";

$var3 = "String hello world!";
var_dump($var3);
echo "</br>";
echo "</br>";

//string double quote escape
$kalimat = "Sedang belajar \"PHP\"";
echo $kalimat;
echo "</br>";

//string double quote kurawal
$nama = "Hazli";
echo "</br>";
echo "{$nama}, selamat pagi";
echo "</br>";
echo '$nama, selamat pagi';
echo "</br>";
echo "</br>";

//boolean
$benar = true;
$salah = false;
var_dump($benar);
echo "</br>";
var_dump($salah);
echo "</br>";
if ($benar) {
    echo "ini jalan apabila benar";
}
echo "</br>";
echo "</br>";

//array
$array = array(121, "Joko", 12414.123, 'ini quote 1');
$array2[] = "Informatika";
var_dump($array);

unset($array[1]);
unset($array[3]);

echo "<pre>";
var_dump($array);
echo "</pre>";

```

```

echo $array[1];

//array assosiation
$pekerja = array(
    "nama" => "Hazli",
    "umur" => "21",
    "asal" => "Malang",
    "tglLahir" => "11 Februari 2003"
);
echo "<pre>";
var_dump($pekerja);
echo "</pre>";
echo $pekerja["nama"];

//Object
class Mahasiswa {
    public $nim;
    public $nama;
    public $umur;
    public $tglLahir;

    public function getNama() {
        return $this->nama;
    }
}

$mahasiswa1 = new Mahasiswa();
var_dump($mahasiswa1);
$mahasiswa1->nim = "1203222029";
$mahasiswa1->nama = "Hazli";
$mahasiswa1->umur = "21";
$mahasiswa1->tglLahir = "11 Februari 2003";
echo "<pre>";
var_dump($mahasiswa1);
echo "</pre>";
echo $mahasiswa1->getNama();
echo "</br>";
echo "</br>";

//null
$kosong = null;
echo $kosong;
var_dump($kosong);
?>

```

6. Operator.php

```
<?php
//aritmatika
$aritmatika1 = +11;
$aritmatika2 = -3;
$aritmatika3 = 3 + 8;
$aritmatika4 = 7 - 9;
$aritmatika5 = 9 * 9;
$aritmatika6 = 10 / 5;
$aritmatika7 = 10 % 9;
$aritmatika8 = 2**4;

var_dump($aritmatika1); echo "</br>";
var_dump($aritmatika2); echo "</br>";
var_dump($aritmatika3); echo "</br>";
var_dump($aritmatika4); echo "</br>";
var_dump($aritmatika5); echo "</br>";
var_dump($aritmatika6); echo "</br>";
var_dump($aritmatika7); echo "</br>";
var_dump($aritmatika8); echo "</br>";

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

//increment decrement
$a = 5;
echo $a;
echo "</br>";
echo ++$a;
echo "</br>";
echo $a;
echo "</br>";

$a = 7;
echo $a;
echo "</br>";
echo $a++;
echo "</br>";
echo $a;
echo "</br>";

$a = 8;
echo $a;
echo "</br>";
echo --$a;
echo "</br>";
echo $a;
echo "</br>";
```

```
$a = 1;
echo $a;
echo "</br>";
echo $a--;
echo "</br>";
echo $a;
echo "</br></br>";

//perbandingan
echo "</br>";
var_dump(14 < 12);
echo "</br>";
var_dump(14 < 14);
echo "</br>";
var_dump(14 > 12);
echo "</br>";
var_dump(14 <= 12);
echo "</br>";
var_dump(14 >= 12);
echo "</br>";
var_dump(14 <> 12);
echo "</br>";
var_dump(14 == 12);
echo "</br>";
var_dump(14 === 12);
echo "</br>";
var_dump(14 == 1.5e2);
echo "</br></br>";

//String
$str1 = "halo"."User";
echo $str1;
echo "</br>";
$a = "aku";
$b = "mau";
$c = "belajar";
echo $a.$b.$c;
echo "</br>";

$kalimat = 9 . " adalah kelipatan dari 3";
echo $kalimat;
echo "</br>";
$kalimat = true. " adalah data boolean atau istilahnya benar";
echo $kalimat;

//Array
$kelasA = ["Anwar", "Alam", "Rina", "Sari"];
$kelasB = ["Alex", "Rico", "Rina"];
```

```

$campur = $kelasA + $kelasB;
echo "</br>";
print_r($campur);
echo "</br>";
var_dump($campur);
echo "</br>";
var_dump($kelasA == $kelasB); echo "</br>";
var_dump($kelasA === $kelasB); echo "</br>";
var_dump($kelasA != $kelasB); echo "</br>";
var_dump($kelasA !== $kelasB); echo "</br>";
var_dump($kelasA <> $kelasB); echo "</br>";

?>

```

7. Struktur_Control.php

```

<?php
//if
$user = "Admin";
if($user == "Admin") {
    echo "Selamat Datang Kembali ".$user;
}
echo "</br>";

//ifelse
$user = "User1";
if($user == "Admin") {
    echo "Selamat Datang Kembali ".$user;
}else {
    echo "Anda bukan Admin";
}
echo "</br>";

$user = "User1";
$password = "pass";
if($user == "Admin" AND $password == "pass") {
    echo "Selamat Datang Kembali ".$user;
}else {
    echo "Anda bukan Admin";
}
echo "</br>";
echo "</br>";

//switch
$harika = 7;
switch($harika){

```



```

case 1:
    echo "Senin";
    break;
case 2:
    echo "Selasa";
    break;
case 3:
    echo "Rabu";
    break;
case 4:
    echo "Kamis";
    break;
case 5:
    echo "Jumat";
    break;
case 6:
    echo "Sabtu";
    break;
case 7:
    echo "Minggu";
    break;
default:
    echo "Hari tidak valid";
    break;
}
echo "</br>";

//for
for ($i = 0; $i < 10; $i++) {
    echo "</br>";
    echo $i;
}
echo "</br>";
echo "</br>";

//while
$i = 0;
while($i < 10) {
    echo $i;
    echo "</br>";
    $i++;
}
echo "</br>";
echo "</br>";

//do while
$x = 0;
do {

```

```

        echo $x;
        echo "</br>";
        $x++;
    } while($x < 10);
    echo "</br>";
    echo "</br>";

//for loop untuk array

//for each untuk array
$nama = ["Saya", "Aku", "Zidan", "Irfan", "Zaky"];
foreach($nama as $n) {
    echo $n;
    echo "</br>";
}

//for each untuk assosiation array
$pemain = [
    1 => "Saya",
    1 => "Aku",
    1 => "Zidan",
    1 => "Irfan",
    1 => "Zaky"
];
foreach($pemain as $key => $value){
    echo "</br>";
    echo $key. " Adalah nomor punggung dari ". $value;
}

?>

```

8. Function.php

```

<?php
//membuat dan memanggil
function salam(){
    echo "Halo Selamat Pagi";
}
salam();
echo "</br>";
echo "</br>";

//Parameter dalam function
$nama = "Hazli";
function absen($nama){
    return $nama." hadir";
}

```

```

}
echo absen($nama);
echo "</br>";
echo absen("Irfan");
echo "</br>";
echo "</br>";

//parameter lebih dr 1
function jalan($mobil, $kecepatan) {
    echo $mobil . " jalan dalam kecepatan " . $kecepatan . "km/jam";
    echo "</br>";
}
jalan("Hyundai",70);
echo "</br>";
jalan("Supra",100);
echo "</br>";

//argument dengan variable
function konser($penyanyi, $hari) {
    echo $penyanyi . " akan bernyanyi pada hari " . $hari;
    echo "</br>";
}
$band = "D'Masiv";
$day = "Senin";
konser($band,$day);
echo "</br>";

//return value
function tambah($a, $b) {
    $c = $a + $b;
    return $c;
}
$d = tambah(3,6);
echo $d;

//default argument
function kali($a = 0, $b = 10) {
    return $a * $b;
}
echo kali();
echo "</br>";
echo kali(10,100);
echo "</br>";
echo "</br>";

//anonymous function
$salam = function () {
    return "Hello";
}

```

```

};
echo $salam();
echo "</br>";
echo "</br>";

//arrow function
$salam = fn () => "Halo Dunia";
echo $salam();

?>

```

9. Php_Function.php

```

<?php
//string
$kalimat = "Selamat Pagi Kawanku";
echo strtolower($kalimat);
echo "</br>";
echo strtoupper($kalimat);
echo "</br>";

$kalimat2 = "halo semuanya";
echo ucfirst($kalimat);
echo "</br>";

$kalimat2 = "halo semuanya";
echo lcfirst($kalimat);
echo "</br>";

//trim
$a = "    halo    ";
echo "</br>";
echo $a;

$trim_a = trim($a);
echo "</br>";
echo $trim_a;
echo "</br>";
echo "</br>";

//Number Format
echo "</br>";
echo number_format(56.99,0,"",".");
echo "</br>";
echo number_format(1010201032030,2,"",".");
echo "</br>";

```

```
//substring
$kalimat = "mari kita belajar php di Tel-U Surabaya prodi Informatika";
echo "</br>";
echo substr($kalimat,0);
echo "</br>";
echo substr($kalimat,15);
echo "</br>";
echo substr($kalimat,0.7);
echo "</br>";
echo substr($kalimat,0.11);
echo "</br>";
echo "</br>";

//array count
$zoo = [
    "Gajah",
    "Rusa",
    "Jerapah",
    "Ular",
    "Harimau"
];
for($i = 0; $i < count($zoo); $i++){
    echo "</br>";
    echo "Hewan ke " . $i . " adalah " . $zoo[$i];
}
echo "</br>";
echo "</br>";

//array push & pop
$siswa = [
    "Zidan",
    "Irfan",
    "Zaky"
];
$siswa1 = "Joko";
var_dump($siswa);
array_push($siswa,$siswa1);
echo "</br>";
var_dump($siswa);
echo "</br>";
echo "</br>";

$popsiswa = array_pop($siswa);
echo $popsiswa;
echo "</br>";
var_dump($siswa);
echo "</br>";
echo "</br>";
```

```
//in array?
$siswa = ["Zidan", "Irfan", "Joko", "Rani",];
$cek = in_array("Joko", $siswa);
var_dump($cek);
echo "</br>";
if($cek) {
    echo "Joko ada di dalam array siswa";
}
echo "</br>";
$cek2 = in_array("Kevin", $siswa);
var_dump($cek2) ;

?>
```