**LAPORAN PRAKTIKUM**

**PEMROGRAMAN WEB**

**WEEK 7**

****

**Disusun Oleh :**

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**INFORMATIKA**

**TELKOM UNIVERSITY**

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1. Helloworld.php

<?php

echo "hello world"

?>

1. 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>

1. 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>";

}

?>

1. 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;

?>

1. Tipedata.php

<?php

$var1 = 12;//interger

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 Februaru 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 Februaru 2003";

echo "<pre>";

var\_dump($mahasiswa1);

echo "</pre>";

echo  $mahasiswa1->getNama();

echo "</br>";

echo "</br>";

//null

$kosong = null;

echo $kosong;

var\_dump($kosong);

?>

1. 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>";

?>

1. Sturktur\_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;

}

?>

1. 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();

?>

1. 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) ;

?>