LAPORAN UJIAN TENGAH SEMESTER
"PEMOGRAMAN BERBASIS OBJEK"

Oleh:

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PRODI D IV MANAJEMEN INFORMATIKA
TAHUN AJARAN 2022/2023

Praktikum 5

1.

```
<!-- Nama : M AL FAIZ PUTRA JALASENANDRA - NIM: 21091397072 -->
<!-- Prodi: D4 Manajemen Informatika - 2021 B-->
<!-- Soal NO 1 Praktikum 5 -->

<!DOCTYPE html>
<html lang="id">
<head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Praktikum 5</title>
</head>
<body style="align-items: center;">
    <div class="container">
        <h2>Prak 5 no 1</h2>

        <?php
class Pegawai
{
    public $nama;
    public  function __construct($nama)
    {
        $this->nama = $nama;
    }
    public  function getNama()
    {
        return $this->nama;
    }
}
class Manajer extends Pegawai
{
    public $tunjangan;
    public  function __construct($nama, $tunjangan)
    {
        parent::__construct($nama);
        $this->tunjangan = $tunjangan;
    }
    public  function getTunjangan()
    {
        return $this->tunjangan;
    }
}
class Kurir extends Pegawai
{
    public $gaji;
```

```php
    public  function __construct($nama, $gaji)
    {
        parent::__construct($nama);

        $this->gaji = $gaji;

    }
    public  function getGaji()
    {
        return $this->gaji;
    }
}
class Soal1
{
    public static
    function Proses($peg)
    {
        if ($peg instanceof Manajer)
        {
            $man = $peg;
            echo "<br>Nama manajer: ".$man->nama, "\n";
            echo "<br>Tunjangan: Rp. ".strval($man->tunjangan), "\n";
        }
        else if ($peg instanceof Kurir)
        {
            $kur =  $peg;
            echo "<br>Nama kurir: ".$kur->nama, "\n";
            echo "<br>Gaji: Rp. ".strval($kur->gaji), "\n";
        }
    }
    public static
    function main($args)
    {
        echo "M AL FAIZ PUTRA JALASENANDRA - 21091397072", "\n";
        echo "<br>", "<br>";
        $peg1 = new Manajer("WOWOK", 9000000);
        Soal1::Proses($peg1);
        echo "<br>", "<br>";
        $peg2 = new Kurir("NANDRA", 200000);
        Soal1::Proses($peg2);
    }
}
Soal1::main(array());
?>

    </div>
</body>
```
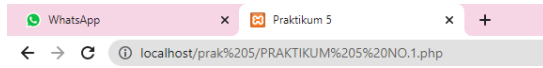
```
</html>
```

Hasil output :

2.

```html
<!-- Nama : M AL FAIZ PUTRA JALASENANDRA - NIM: 21091397072 -->
<!-- Prodi: D4 Manajemen Informatika - 2021 B-->
<!-- Soal NO 1 Praktikum 5 -->

<!DOCTYPE html>
<html lang="id">
<head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Praktikum 5 no2</title>
</head>
<body>
    <div class="container">
        <h2>Prak 5 no2</h2>

        <?php
class Pegawai
{

    public  $nama;
    public $gaji;
    public  function __construct($nama, $gaji)
    {
        $this->nama = $nama;
        $this->gaji = $gaji;
    }
    public  function infoGaji()
    {
        return $this->gaji;
    }
}
class Manajer extends Pegawai
{

    private $tunjangan;
    public  function __construct($nama, $gaji, $tunjangan)
```

```php
    {
        parent::__construct($nama, $gaji);
        $this->tunjangan = $tunjangan;
    }
    public  function infoGaji()
    {
        return $this->gaji;
    }
    public  function infoTunjangan()
    {
        return $this->tunjangan;
    }
}
class Programmer extends Pegawai
{
    private $bonus;
    public  function __construct($nama, $gaji, $bonus)
    {
        parent::__construct($nama, $gaji);
        $this->bonus = $bonus;
    }
    public  function infoGaji()
    {
        return $this->gaji;
    }
    public  function infoBonus()
    {
        return $this->bonus;
    }
}
class Bayaran
{
    public function hitungBayaran($peg)
    {
        $uang = $peg->infoGaji();

        return $uang;
    }
    public static function main($args)
    {
        echo "M AL FAIZ PUTRA JALASENANDRA - 21091397072";
        echo "<br>";
        $man = new Manajer("NANDRA", 3000000, 3000000);
        echo "<br>", "<br>";
        $prog = new Programmer("WOWOK", 980000, 450000);
        echo "<br>", "<br>";
        $hr = new Bayaran();
```
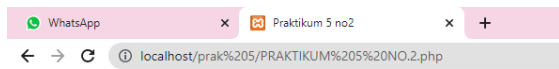
```
        echo "<br> Gaji Manajer nama: ". $man->nama." = Rp. ".strval($hr-
>hitungBayaran($man)) , "\n";
        echo "<br>", "<br>";
        echo "<br>Gaji Programmer nama: ".$prog->nama. " = Rp. ".strval($hr-
>hitungBayaran($prog)) , "\n";


    }
}
Bayaran::main(array());
        ?>
        <!-- END PHP  -->
    </div>
</body>
</html>
```

Hasil output :

Prak 5 no2

M AL FAIZ PUTRA JALASENANDRA - 21091397072

Gaji Manajer nama: NANDRA = Rp. 3000000

Gaji Programmer nama: WOWOK = Rp. 980000