

PEMROGRAMAN BERORIENTASI OBJEK

PRAKTIKUM 5

Ditulis Dalam Rangka Pemenuhan Ujian Tengah Semester Mata Kuliah Pemrograman
Berorientasi Objek



Dosen Pengampu

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PROGRAM STUDI D4 MANAJEMEN INFORMATIKA

FAKULTAS VOKASI

UNIVERSITAS NEGERI SURABAYA

2022

1. Input (Source Code) :

```
1  <?php
2
3  class Pegawai
4  {
5      public $name;
6      public function __construct($name)
7      {
8          $this->name = $name;
9      }
10     public function getName()
11     {
12         return $this->name;
13     }
14 }
15
16 class Manager extends Pegawai
17 {
18     public $tunjangan;
19     public function __construct($name, $tunjangan)
20     {
21         parent::__construct($name);
22         $this->tunjangan = $tunjangan;
23     }
24     public function getTunjangan()
25     {
26         return $this->tunjangan;
27     }
28 }
29 class Kurir extends Pegawai
30 {
31     public $gaji;
32     public function __construct($name, $gaji)
33     {
34         parent::__construct($name);
35         $this->gaji = $gaji;
36     }
37     public function getGaji()
38     {
39         return $this->gaji;
40     }
41 }
42 class SoalNo1
43 {
44     public static
45     function Proses($peg)
46     {
47         if ($peg instanceof Manager)
48         {
49             $man = $peg;
50             echo "<br>Nama Manager: ".$man->name, "\n";
51             echo "<br>Tunjangan: RP. ".strval($man->tunjangan), "\n";
52         }
53         else if ($peg instanceof Kurir)
54         {
55             $kur = $peg;
56             echo "<br>Nama Kurir: ".$kur->name, "\n";
57             echo "<br>Gaji= RP. ".strval($kur->gaji), "\n";
58         }
59     }
60 }
```

```

class SoalNo1
{
    public static
    function Proses($peg)
    {
        if ($peg instanceof Manager)
        {
            $man = $peg;
            echo "<br>Nama Manager: ".$man->name, "\n";
            echo "<br>Tunjangan: RP. ".strval($man->tunjangan), "\n";
        }
        else if ($peg instanceof Kurir)
        {
            $kur = $peg;
            echo "<br>Nama Kurir: ".$kur->name, "\n";
            echo "<br>Gaji= RP. ".strval($kur->gaji), "\n";
        }
    }
    public static
    function main($args)
    {
        echo "21091397067 Ariel Fikri Ramadhani", "\n";
        echo "<br>", "<br>";
        $peg1 = new Manager("Ariel", 20000000);
        SoalNo1::Proses($peg1);
        echo "<br>", "<br>";
        $peg2 = new Kurir("Fikri", 15000000);
        SoalNo1::Proses($peg2);
    }
}
SoalNo1::main(array());
?>

```

21091397067 Ariel Fikri Ramadhani

Nama Manager: Ariel
Tunjangan: RP. 20000000

Nama Kurir: Fikri
Gaji= RP. 15000000

2. Input (Source Code) :

```
1  <?php
2
3  class Pegawai
4  {
5      public $name;
6      public $gaji;
7      public function __construct($name, $gaji)
8      {
9          $this->name = $name;
10         $this->gaji = $gaji;
11     }
12     public function infoGaji()
13     {
14         return $this->gaji;
15     }
16 }
17 class Manager extends Pegawai
18 {
19     private $tunjangan;
20     public function __construct($name, $gaji, $tunjangan)
21     {
22         parent::__construct($name, $gaji);
23         $this->tunjangan = $tunjangan;
24     }
25     public function infoGaji()
26     {
27         return $this->gaji;
28     }
29     public function infoTunjangan()
30     {
31         return $this->tunjangan;
32     }
33 }
34 class Programmer extends Pegawai
35 {
36     private $bonus;
37     public function __construct($name, $gaji, $bonus)
38     {
39         parent::__construct($name, $gaji);
40         $this->bonus = $bonus;
41     }
42     public function infoBonus()
43     {
44         return $this->bonus;
45     }
46 }
```

A small icon of a terminal window with a red prompt character and a green cursor.

Output :

21091397067 Ariel Fikri Ramadhani

Nama Manager: Ariel

Gaji Manager: RP. 20000000

Nama Programmer: Fikri

Gaji Programmer= RP. 18000000