

LAPORAN PEMROGRAMAN BERORIENTASI OBYEK



NAMA : ALWAN ROFIQI

NIM : 21091397020

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D4 MANAJEMEN INFORMATIKA

1. INPUT :

```
praktikum 5 > No.1.php
1  <?php
2  class Pegawai
3  {
4      public $nama;
5      public function __construct($nama)
6      {
7          $this->nama = $nama;
8      }
9      public function getNama()
10     {
11         return $this->nama;
12     }
13 }
14 class Manajer extends Pegawai
15 {
16     public $tunjangan;
17     public function __construct($nama, $tunjangan)
18     {
19         parent::__construct($nama);
20         $this->tunjangan = $tunjangan;
21     }
22     public function getTunjangan()
23     {
24         return $this->tunjangan;
25     }
26 }
27 class Kurir extends Pegawai
28 {
29     public $gaji;
30
31     public function __construct($nama, $gaji)
32     {
33         parent::__construct($nama);
34
35         $this->gaji = $gaji;
36     }
37     public function getGaji()
38     {
39         return $this->gaji;
40     }
41 }
42
43 class No1
44 {
45     public static
46     function Proses($peg)
47     {
48         if ($peg instanceof Manajer) {
49             $man = $peg;
50             echo "Nama manajer: " . $man->nama, "\n";
51             echo "<br> Tunjangan: Rp. " . strval($man->tunjangan), "\n";
52         } else if ($peg instanceof Kurir) {
53             $kur = $peg;
54             echo "<br> Nama kurir: " . $kur->nama, "\n";
55             echo "<br> Gaji: Rp. " . strval($kur->gaji), "\n";
56         }
57     }
58     public static
59     function main($args)
60     {
61         echo "GAJI PEGAWAI";
62         echo "<br><br>";
63         $peg1 = new Manajer("Febrian", 50000000);
64         No1::Proses($peg1);
65         echo "<br>";
66         $peg2 = new Kurir("Arjun", 40000000);
67         No1::Proses($peg2);
68     }
69 }
70 No1::main(array());
71 ?>
```

OUTPUT :

GAJI PEGAWAI

Nama manajer: Febrian
Tunjangan: Rp. 50000000

Nama kurir: Arjun
Gaji: Rp. 40000000

2. INPUT

```
praktikum 5 > No.2.php
1  <?php
2  class Pegawai
3  {
4      public $nama;
5      public $gaji;
6
7      public function __construct($nama, $gaji)
8      {
9          $this->nama = $nama;
10         $this->gaji = $gaji;
11     }
12     public function infoGaji()
13     {
14         return $this->gaji;
15     }
16 }
17
18 class Manajer extends Pegawai
19 {
20     private $tunjangan;
21
22     public function __construct($nama, $gaji, $tunjangan)
23     {
24         parent::__construct($nama, $gaji);
25         $this->tunjangan = $tunjangan;
26     }
27     public function infoGaji()
28     {
29         return $this->gaji;
30     }
31     public function infoTunjangan()
32     {
33         return $this->tunjangan;
34     }
35 }
36
37 class Programmer extends Pegawai
38 {
39     private $bonus;
40     public function __construct($nama, $gaji, $bonus)
41     {
42         parent::__construct($nama, $gaji);
43         $this->bonus = $bonus;
44     }
45     public function infoGaji()
46     {
47         return $this->gaji;
48     }
49     public function infoBonus()
50     {
51         return $this->bonus;
52     }
53 }
54
55 class Bayaran
56 {
57     public function hitungBayaran($peg)
58     {
59         $uang = $peg->infoGaji();
60
61         return $uang;
62     }
63     public static function main($args)
64     {
65
66         echo "GAJI PEGAWAI";
67         echo "<br> <br>";
68         $man = new Manajer("Petir", 10000000, 5000000);
69         $prog = new Programmer("Alex", 6000000, 400000);
70         $hr = new Bayaran();
71         echo "Gaji untuk Manajer Bernama " . $man->nama . " : Rp. " . strval($hr->hitungBayaran($man)), "\n";
72         echo "<br>";
73         echo "Gaji untuk Programmer Bernama " . $prog->nama . " : Rp. " . strval($hr->hitungBayaran($prog)), "\n";
74     }
75 }
76 Bayaran::main(array());
77 ?>
```

OUPUT :

GAJI PEGAWAI

Gaji untuk Manajer Bernama Petir : Rp. 10000000

Gaji untuk Programmer Bernama Alex : Rp. 6000000