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

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1. Input (Source Code) :

```
1   <!DOCTYPE html>
2   <html lang="id">
3   <head>
4       <meta charset="UTF-8">
5       <meta http-equiv="X-UA-Compatible" content="IE=edge">
6       <meta name="viewport" content="width=device-width, initial-scale=1.0">
7       <title>Praktikum 5</title>
8   </head>
9   <body style="align-items: center;">
10      <div class="container">
11          <h2>No.1</h2>
12
13  <?php
14      class Pegawai
15      {
16          public $nama;
17          public  function __construct($nama)
18          {
19              $this->nama = $nama;
20          }
21          public  function getNama()
22          {
23              return $this->nama;
24          }
25      }
26      class Manajer extends Pegawai
27      {
28          public $tunjangan;
29          public  function __construct($nama, $tunjangan)
30          {
31              parent::__construct($nama);
32              $this->tunjangan = $tunjangan;
```

```
33          }
34          public  function getTunjangan()
35          {
36              return $this->tunjangan;
37          }
38      }
39      class Kurir extends Pegawai
40      {
41          public $gaji;
42
43          public  function __construct($nama, $gaji)
44          {
45              parent::__construct($nama);
46
47              $this->gaji = $gaji;
48
49          }
50          public  function getGaji()
51          {
52              return $this->gaji;
53          }
54      }
55      class Soal1
56      {
57          public static
58          function Proses($peg)
59          {
60              if ($peg instanceof Manajer)
61              {
62                  $man = $peg;
63                  echo "<br>Nama manajer: ".$man->nama, "\n";
64                  echo "<br>Tunjangan: Rp. ".strval($man->tunjangan), "\n";
```

```php
59          {
60              if ($peg instanceof Manajer)
61              {
62                  $man = $peg;
63                  echo "<br>Nama manajer: ".$man->nama, "\n";
64                  echo "<br>Tunjangan: Rp. ".strval($man->tunjangan), "\n";
65              }
66              else if ($peg instanceof Kurir)
67              {
68                  $kur = $peg;
69                  echo "<br>Nama kurir: ".$kur->nama, "\n";
70                  echo "<br>Gaji: Rp. ".strval($kur->gaji), "\n";
71              }
72          }
73          public static
74          function main($args)
75          {
76              $peg1 = new Manajer("Reyhan", 10000000);
77              Soal1::Proses($peg1);
78              echo "<br>";
79              $peg2 = new Kurir("Jaya", 1500000);
80              Soal1::Proses($peg2);
81          }
82      }
83
84  Soal1::main(array());
85  ?>
86
87      </div>
88  </body>
89  </html>
```

Output :

No.1

Nama manajer: Reyhan
Tunjangan: Rp. 10000000

Nama kurir: Jaya
Gaji: Rp. 1500000

2. Input (Source Code) :

```php
no2.php > ...
1   <!DOCTYPE html>
2   <html lang="id">
3   <head>
4       <meta charset="UTF-8">
5       <meta http-equiv="X-UA-Compatible" content="IE=edge">
6       <meta name="viewport" content="width=device-width, initial-scale=1.0">
7       <title>Praktikum 5</title>
8   </head>
9   <body style="align-items: center;">
10      <div class="container">
11          <h2>No.2</h2>
12
13  <?php
14      class Pegawai
15      {
16          public  $nama;
17          public $gaji;
18          public  function __construct($nama, $gaji)
19          {
20              $this->nama = $nama;
21              $this->gaji = $gaji;
22          }
23          public  function infoGaji()
24          {
25              return $this->gaji;
26          }
27      }
28      class Manajer extends Pegawai
29      {
30          private $tunjangan;
31          public  function __construct($nama, $gaji, $tunjangan)
32          {
33              parent::__construct($nama, $gaji);
```

```php
33              parent::__construct($nama, $gaji);
34              $this->tunjangan = $tunjangan;
35          }
36          public  function infoGaji()
37          {
38              return $this->gaji;
39          }
40          public  function infoTunjangan()
41          {
42              return $this->tunjangan;
43          }
44      }
45      class Programmer extends Pegawai
46      {
47          private $bonus;
48          public  function __construct($nama, $gaji, $bonus)
49          {
50              parent::__construct($nama, $gaji);
51              $this->bonus = $bonus;
52          }
53          public  function infoGaji()
54          {
55              return $this->gaji;
56          }
57          public  function infoBonus()
58          {
59              return $this->bonus;
60          }
61      }
62      class Bayaran
63      {
64          public function hitungBayaran($peg)
```

```php
59              return $this->bonus;
60          }
61      }
62      class Bayaran
63      {
64          public function hitungBayaran($peg)
65          {
66              $uang = $peg->infoGaji();
67
68              return $uang;
69          }
70          public static function main($args)
71          {
72              $man = new Manajer("Reyhan", 10000000, 500000);
73              echo "<br>", "<br>";
74              $prog = new Programmer("Tania", 7000000, 250000);
75              echo "<br>", "<br>";
76              $hr = new Bayaran();
77              echo "Gaji untuk Manajer Bernama ". $man->nama." : Rp. ".strval($hr->hitungBayaran($man)) , "\n";
78              echo "<br>", "<br>";
79              echo "Gaji untuk Programmer Bernama ".$prog->nama. " : Rp. ".strval($hr->hitungBayaran($prog)) , "\n";
80
81          }
82      }
83
84  Bayaran::main(array());
85  ?>
86
87      </div>
88  </body>
89  </html>
```

Output :

No.2

Gaji untuk Manajer Bernama Reyhan : Rp. 10000000

Gaji untuk Programmer Bernama Tania : Rp. 7000000