

Tugas Pemrograman Berorientasi Objek
Praktikum 5



Nama:

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**DIV MANAJEMEN INFORMATIKA PROGRAM
VOKASI
UNIVERSITAS NEGERI SURABAYA TAHUN AJARAN
2021/2022**

5.2

Source Code:

```
5.1.php > ...
1  <!-- Nama    : Riska Octavia Arianto -->
2  <!-- NIM     : 21091397059 -->
3  <!-- Kelas  : D4 Manajemen Informatika 2021A -->
4  <!-- Praktikum 5 -->
5
6  <!DOCTYPE html>
7  <html lang="en">
8  <head>
9      <meta charset="UTF-8">
10     <meta http-equiv="X-UA-Compatible" content="IE=edge">
11     <meta name="viewport" content="width=device-width, initial-scale=1.0">
12     <link rel="stylesheet" href="style.css">
13     <title>Praktikum 5</title>
14 </head>
15 <body>
16     <div class="container">
17         <h2>Soal 1</h2>
18
19         <!-- Program PHP -->
20         <?php
21 class Pegawai
22 {
23     public $nama;
24     public function __construct($nama)
25     {
26         $this->nama = $nama;
27     }
28     public function getNama()
29     {
30         return $this->nama;
31     }
32 }
33 class Manajer extends Pegawai
34 {
35     public $tunjangan;
36     public function __construct($nama, $tunjangan)
37     {
38         parent::__construct($nama);
39         $this->tunjangan = $tunjangan;
```

5.1.php > ...

```
39         $this->tunjangan = $tunjangan;
40     }
41     public function getTunjangan()
42     {
43         return $this->tunjangan;
44     }
45 }
46 class Kurir extends Pegawai
47 {
48     public $gaji;
49     // public function __construct($nama)
50     // {
51     //     parent::__construct($nama);
52     // }
53     // public function __construct($nama, $gaji)
54     // {
55     //     parent::__construct($nama);
56     //     $this->gaji = $gaji;
57     // }
58
59     public function __construct($nama, $gaji)
60     {
61         parent::__construct($nama);
62         // $this->bonus = $bonus;
63         $this->gaji = $gaji;
64     }
65
66     public function getGaji()
67     {
68         return $this->gaji;
69     }
70 }
71 class Soal1
72 {
73     public static
```

```

5.1.php > ...
70 }
71 class Soal1
72 {
73     public static
74     function Proses($peg)
75     {
76         if ($peg instanceof Manajer)
77         {
78             $man = $peg;
79             echo "<br>Nama manajer: ".$man->nama, "\n";
80             echo "<br>Tunjangan: Rp. ".strval($man->tunjangan), "\n";
81         }
82         else if ($peg instanceof Kurir)
83         {
84             $kur = $peg;
85             echo "<br><br>Nama kurir: ".$kur->nama, "\n";
86             echo "<br>Gaji: Rp. ".strval($kur->gaji), "\n";
87         }
88     }
89     public static
90     function main($args)
91     {
92         $peg1 = new Manajer("Agus", 5000000);
93         Soal1::Proses($peg1);
94         $peg2 = new Kurir("Bambang", 2700000);
95         Soal1::Proses($peg2);
96         echo "<br> <br> <br> <br> <center> by : Riska Octavia Arianto (21091397059) </center> ";
97     }
98 }
99 Soal1::main(array());
100 ?>
101 | <!-- END PHP -->
102 | </div>
103 </body>
104 </html>

```

Hasil output:



5.2

Source code:

```
5.2.php > PHP Intelephense > html > body > div.container
1  <!-- Nama    : Riska Octavia Arianto -->
2  <!-- NIM     : 21091397059 -->
3  <!-- Kelas  : D4 Manajemen Informatika 2021A -->
4  <!-- Praktikum 6 -->
5
6  <!DOCTYPE html>
7  <html lang="en">
8  <head>
9      <meta charset="UTF-8">
10     <meta http-equiv="X-UA-Compatible" content="IE=edge">
11     <meta name="viewport" content="width=device-width, initial-scale=1.0">
12     <link rel="stylesheet" href="style.css">
13     <title>Praktikum 5</title>
14 </head>
15 <body>
16     <div class="container">
17         <h2>Soal 2</h2>
18
19         <!-- Program PHP -->
20         <?php
21 class Pegawai
22 {
23     public $nama;
24     public $gaji;
25     public function __construct($nama, $gaji)
26     {
27         $this->nama = $nama;
28         $this->gaji = $gaji;
29     }
30     public function infoGaji()
31     {
32         return $this->gaji;
33     }
34 }
35 class Manajer extends Pegawai
36 {
37     private $tunjangan;
38     public function __construct($nama, $gaji, $tunjangan)
39     {
```

```
40         parent::__construct($nama, $gaji);
41         $this->tunjangan = $tunjangan;
42     }
43     public function infoGaji()
44     {
45         return $this->gaji;
46     }
47     public function infoTunjangan()
48     {
49         return $this->tunjangan;
50     }
51 }
52 class Programmer extends Pegawai
53 {
54     private $bonus;
55     public function __construct($nama, $gaji, $bonus)
56     {
57         parent::__construct($nama, $gaji);
58         $this->bonus = $bonus;
59     }
60     public function infoGaji()
61     {
62         return $this->gaji;
63     }
64     public function infoBonus()
65     {
66         return $this->bonus;
67     }
68 }
69 class Bayaran
70 {
71     public function hitungBayaran($peg)
72     {
73         $uang = $peg->infoGaji();
74
75         return $uang;
76     }
77     public static function main($args)
78     {
```

```

79     $man = new Manajer("Agus", 10000000, 5000000);
80     $prog = new Programmer("Bambang", 4600000, 3000000);
81     $hr = new Bayaran();
82     echo "<br> <br> Nama Manajer : ". $man->nama, "\n";
83     echo "<br> Gaji : Rp. ".strval($hr->hitungBayaran($man)), "\n";
84     echo "<br> <br> Nama Programmer : ".$prog->nama, "\n";
85     echo "<br> Gaji : Rp. ".strval($hr->hitungBayaran($prog)), "\n";
86     echo "<br> <br> <br> <br> <center> by : Riska Octavia Arianto (21091397059) </center> ";
87     // echo $man->nama;
88 }
89 }
90 Bayaran::main(array());
91 ?>
92 <!-- END PHP -->
93 </div>
94 </body>
95 </html>

```

Hasil output:

