LAPORAN UTS

PEMROGRAMAN

BERORIENTASI OBJEK

Disusun Oleh :

Diah Ayuning Tyas   (21091397013)

Kelas : A

FAKULTAS VOKASI

PRODI D4 MANAJEMEN INFORMATIKA

UNIVERSITAS NEGERI SURABAYA

TAHUN AJARAN 2022/2023

- **Praktikum 5**

Input No.1


```
1    <!--- Diah Ayuning Tyas - 21091397013 --->
2
3
4    <!DOCTYPE html>
5    <html lang="id">
6    <head>
7        <meta charset="UTF-8">
8        <meta http-equiv="X-UA-Compatible" content="IE=edge">
9        <meta name="viewport" content="width=device-width, initial-scale=1.0">
10       <title>Praktikum 5</title>
11   </head>
12   <body style="align-items: center;">
13       <div class="container">
14           <h2>Soal 1</h2>
15
16           <?php
17   class Pegawai
18   {
19       public $nama;
20       public function __construct($nama)
21       {
22           $this->nama = $nama;
23       }
24       public function getNama()
25       {
26           return $this->nama;
27       }
28   }
```



```
29   class Manajer extends Pegawai
30   {
31       public $tunjangan;
32       public function __construct($nama, $tunjangan)
33       {
34           parent::__construct($nama);
35           $this->tunjangan = $tunjangan;
36       }
37       public function getTunjangan()
38       {
39           return $this->tunjangan;
40       }
41   }
42   class Kurir extends Pegawai
43   {
44       public $gaji;
45
46       public function __construct($nama, $gaji)
47       {
48           parent::__construct($nama);
49
50           $this->gaji = $gaji;
51
52       }
53       public function getGaji()
54       {
55           return $this->gaji;
56       }
57   }
```

```
58    class Soal1
59    {
60        public static
61        function Proses($peg)
62        {
63            if ($peg instanceof Manajer)
64            {
65                $man = $peg;
66                echo "<br>Nama manajer: ".$man->nama, "\n";
67                echo "<br>Tunjangan: Rp. ".strval($man->tunjangan), "\n";
68            }
69            else if ($peg instanceof Kurir)
70            {
71                $kur =  $peg;
72                echo "<br>Nama kurir: ".$kur->nama, "\n";
73                echo "<br>Gaji: Rp. ".strval($kur->gaji), "\n";
74            }
75        }
76        public static
77        function main($args)
78        {
79            echo "Diah Ayuning Tyas - 21091397013", "\n";
80            echo "<br>", "<br>";
81            $peg1 = new Manajer("Rahman", 4500000);
82            Soal1::Proses($peg1);
83            echo "<br>", "<br>";
84            $peg2 = new Kurir("Iyak", 1000000);
85            Soal1::Proses($peg2);
```

```
86        }
87    }
88    Soal1::main(array());
89    ?>
90
91        </div>
92    </body>
93    </html>
```

Output No.1

Soal 1

Diah Ayuning Tyas - 21091397013

Nama manajer: Rahman
Tunjangan: Rp. 4500000

Nama kurir: Iyak
Gaji: Rp. 1000000

Input No.2

013_Diah Ayuning Tyas_No.1 PHP_Praktikum 5.php   013_Diah Ayuning Tyas_No.2 PHP_Praktikum 5.php ×

C: > Users > user > OneDrive > Documents > 013_Diah Ayuning Tyas_No.2 PHP_Praktikum 5.php

```php
1   <!--- Diah Ayuning Tyas - 21091397013 --->
2
3   <!DOCTYPE html>
4   <html lang="id">
5   <head>
6       <meta charset="UTF-8">
7       <meta http-equiv="X-UA-Compatible" content="IE=edge">
8       <meta name="viewport" content="width=device-width, initial-scale=1.0">
9       <title>Praktikum 5</title>
10  </head>
11  <body>
12      <div class="container">
13          <h2>Soal 2</h2>
14
15          <?php
16  class Pegawai
17  {
18      public  $nama;
19      public $gaji;
20      public  function __construct($nama, $gaji)
21      {
22          $this->nama = $nama;
23          $this->gaji = $gaji;
24      }
25      public  function infoGaji()
26      {
27          return $this->gaji;
28      }
29  }
```

```php
30  class Manajer extends Pegawai
31  {
32      private $tunjangan;
33      public  function __construct($nama, $gaji, $tunjangan)
34      {
35          parent::__construct($nama, $gaji);
36          $this->tunjangan = $tunjangan;
37      }
38      public  function infoGaji()
39      {
40          return $this->gaji;
41      }
42      public  function infoTunjangan()
43      {
44          return $this->tunjangan;
45      }
46  }
47  class Programmer extends Pegawai
48  {
49      private $bonus;
50      public  function __construct($nama, $gaji, $bonus)
51      {
52          parent::__construct($nama, $gaji);
53          $this->bonus = $bonus;
54      }
55      public  function infoGaji()
56      {
57          return $this->gaji;
58      }
```

```php
59        public  function infoBonus()
60        {
61            return $this->bonus;
62        }
63    }
64    class Bayaran
65    {
66        public function hitungBayaran($peg)
67        {
68            $uang = $peg->infoGaji();
69
70            return $uang;
71        }
72        public static function main($args)
73        {
74            echo "Diah Ayuning Tyas - 20051397019";
75            echo "<br>";
76            $man = new Manajer("Yaurrhmn", 5000000, 5000000);
77            echo "<br>", "<br>";
78            $prog = new Programmer("Diva", 4000000, 300000);
79            echo "<br>", "<br>";
80            $hr = new Bayaran();
81            echo "<br> Gaji untuk Manajer Bernama ". $man->nama." : Rp. ".strval($hr->hitungBayaran($man)) , "\n";
82            echo "<br>", "<br>";
83            echo "<br>Gaji untuk Programmer Bernama ".$prog->nama. " : Rp. ".strval($hr->hitungBayaran($prog)) , "\n";
84
85        }
86    }
```
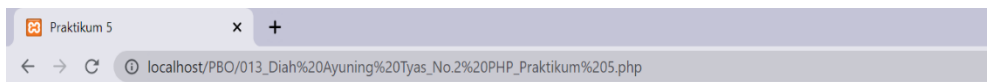
```php
87    Bayaran::main(array());
88            ?>
89            <!-- END PHP  -->
90        </div>
91    </body>
92    </html>
```

Output No.2

Soal 2

Diah Ayuning Tyas - 20051397019

Gaji untuk Manajer Bernama Yaurrhmn : Rp. 5000000

Gaji untuk Programmer Bernama Diva : Rp. 4000000