

Tugas Pemrograman Berorientasi Objek

Praktikum 5



Disusun Oleh :

Nadia Alifiani Raissa Pansera (21091397014)

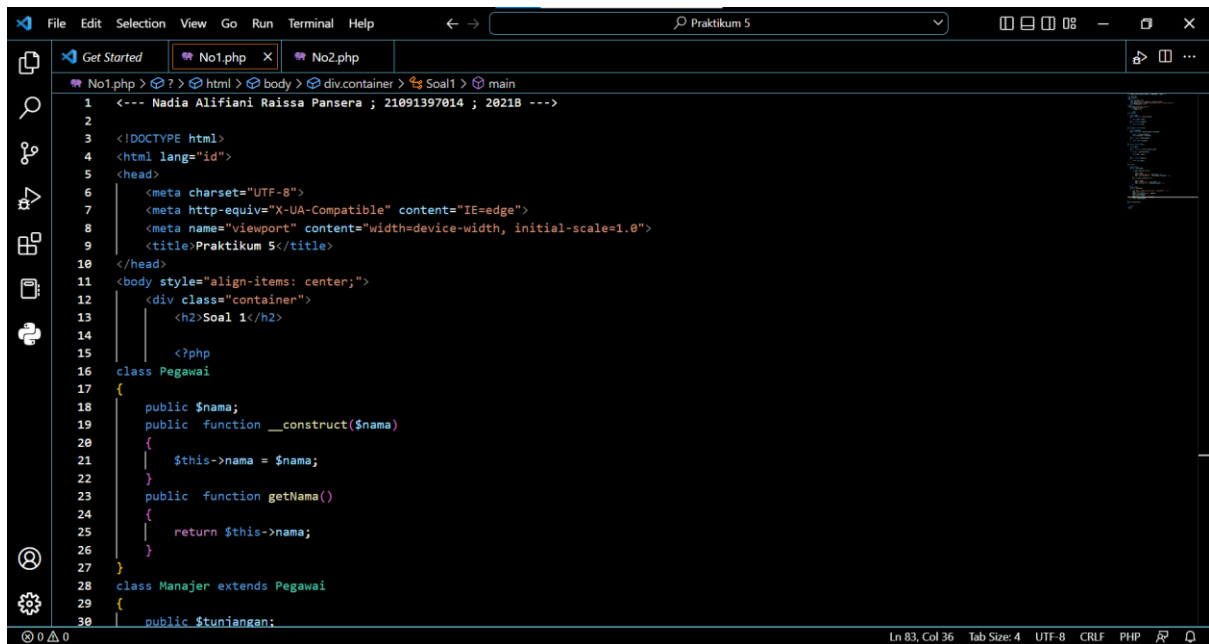
Program Studi D4 Manajemen Informatika

Fakultas Vokasi

Universitas Negeri Surabaya

2022

1. Source Code



```
1 <!-- Nadia Alifiani Raissa Pansera ; 21091397014 ; 2021B --->
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 style="align-items: center;">
12     <div class="container">
13         <h2>Soal 1</h2>
14
15         <?php
16 class Pegawai
17 {
18     public $nama;
19     public function __construct($nama)
20     {
21         $this->nama = $nama;
22     }
23     public function getNama()
24     {
25         return $this->nama;
26     }
27 }
28 class Manajer extends Pegawai
29 {
30     public $tunjangan;
```



```
61 {
62     if ($peg instanceof Manajer)
63     {
64         $man = $peg;
65         echo "Nama manajer: ".$man->nama, "\n";
66         echo "Jumlah tunjangan: Rp. ".strval($man->tunjangan), "\n";
67     }
68     else if ($peg instanceof Kurir)
69     {
70         $kur = $peg;
71         echo "Nama kurir: ".$kur->nama, "\n";
72         echo "Gaji: Rp. ".strval($kur->gaji), "\n";
73     }
74 }
75 public static
76 function main($args)
77 {
78     echo "Nadia Alifiani Raissa Pansera - 21091397014", "\n";
79     echo "-----", "\n";
80     $peg1 = new Manajer("Siti", 4000000);
81     Soal1::Proses($peg1);
82     echo "-----", "\n";
83     $peg2 = new Kurir("Juki", 9000000);
84     Soal1::Proses($peg2);
85 }
86 }
87 Soal1::main(array());
88 ?>
89 </div>
90 </body>
91 </html>
```

Output :

<!-- Nadia Alifiani Raissa Pansera ; 21091397014 ; 2021B --->

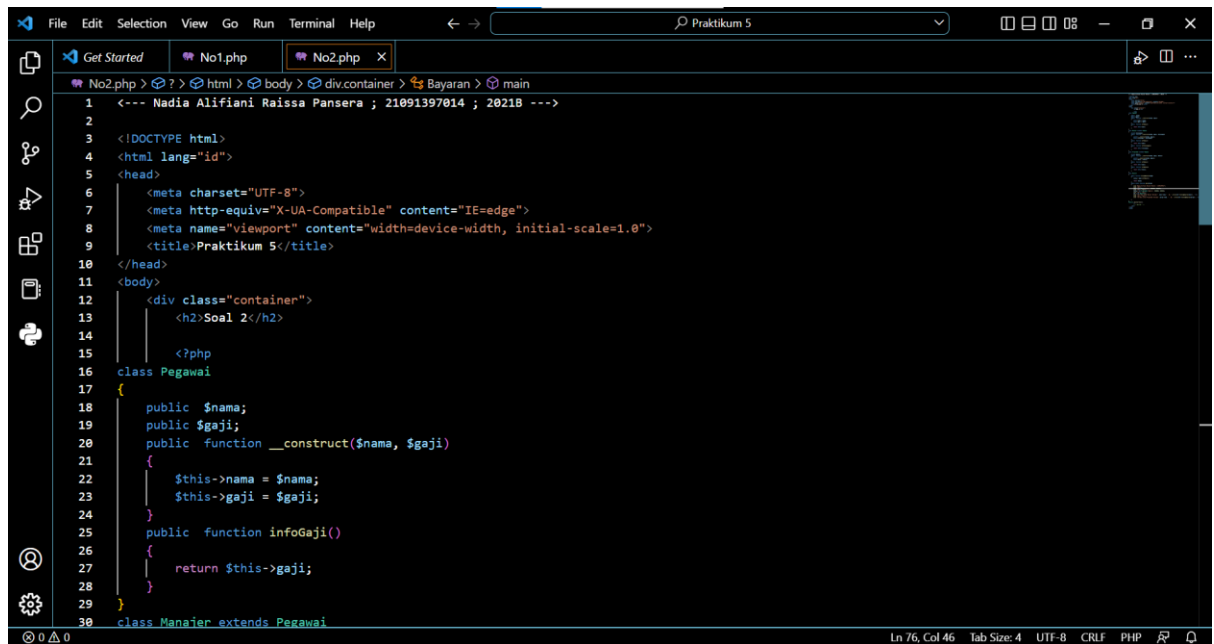
Soal 1

Nadia Alifiani Raissa Pansera - 21091397014

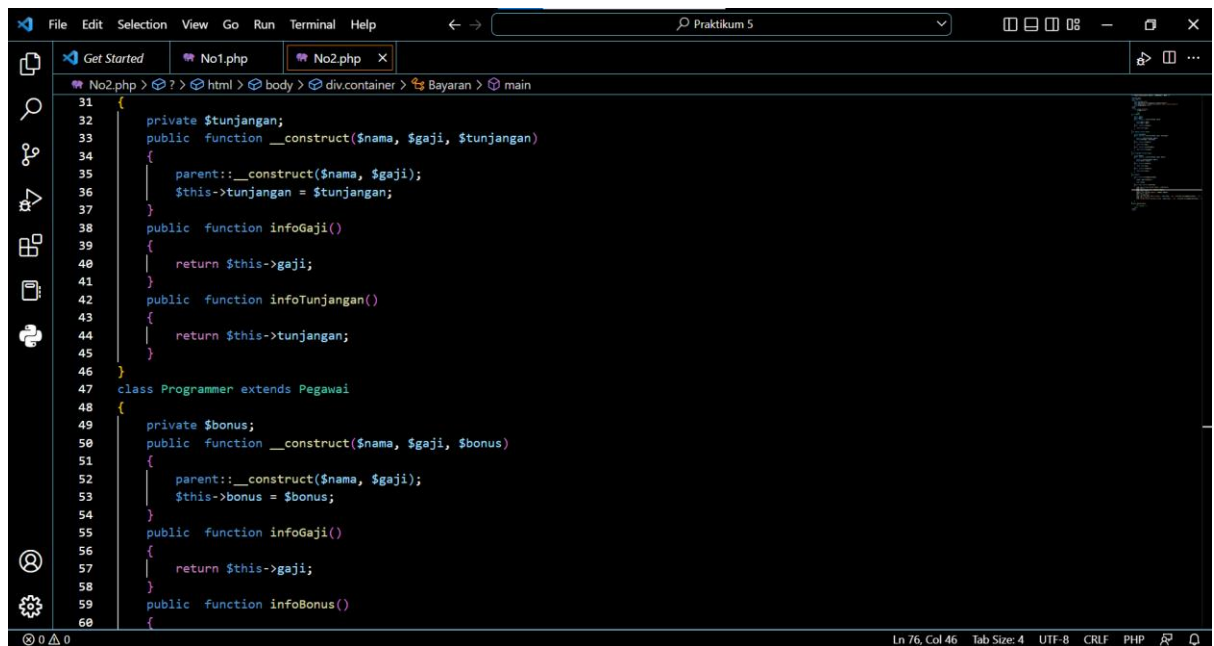
Nama manajer: Siti
Tunjangan: Rp. 4000000

Nama kurir: Juki
Gaji: Rp. 9000000

2. Source Code



```
1 <!-- Nadia Alifiani Raissa Pansera ; 21091397014 ; 20218 --->
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 }
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     }
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 |         return $uang;
70 |     }
71 | }
72 | public static function main($args)
73 | {
74 |     echo "Nadia Alifiani Raissa Pansera - 21091397014";
75 |     echo "<br>";
76 |     $man = new Manajer("Siti", 5000000, 600000);
77 |     echo "<br>", "<br>";
78 |     $prog = new Programmer("Badrul", 7000000, 300000);
79 |     echo "<br>", "<br>";
80 |     $hr = new Bayaran();
81 |     echo "<br> Gaji untuk Manajer Bernama ". $man->nama. " : Rp. ".strval($hr->hitungBayaran($man)) , "<br>";
82 |     echo "<br>", "<br>";
83 |     echo "<br>Gaji untuk Programmer Bernama ". $prog->nama. " : Rp. ".strval($hr->hitungBayaran($prog)) , "<br>";
84 | }
85 | }
86 | }
87 | Bayaran::main(array());
88 | }>
89 | <!-- END PHP -->
90 | </div>
91 | </body>
92 | </html>
```

Output :

<--- Nadia Alifiani Raissa Pansera ; 21091397014 ; 2021B --->

Soal 2

Nadia Alifiani Raissa Pansera - 21091397014

Gaji untuk Manajer Bernama Siti : Rp. 5000000

Gaji untuk Programmer Bernama Badrul : Rp. 7000000