

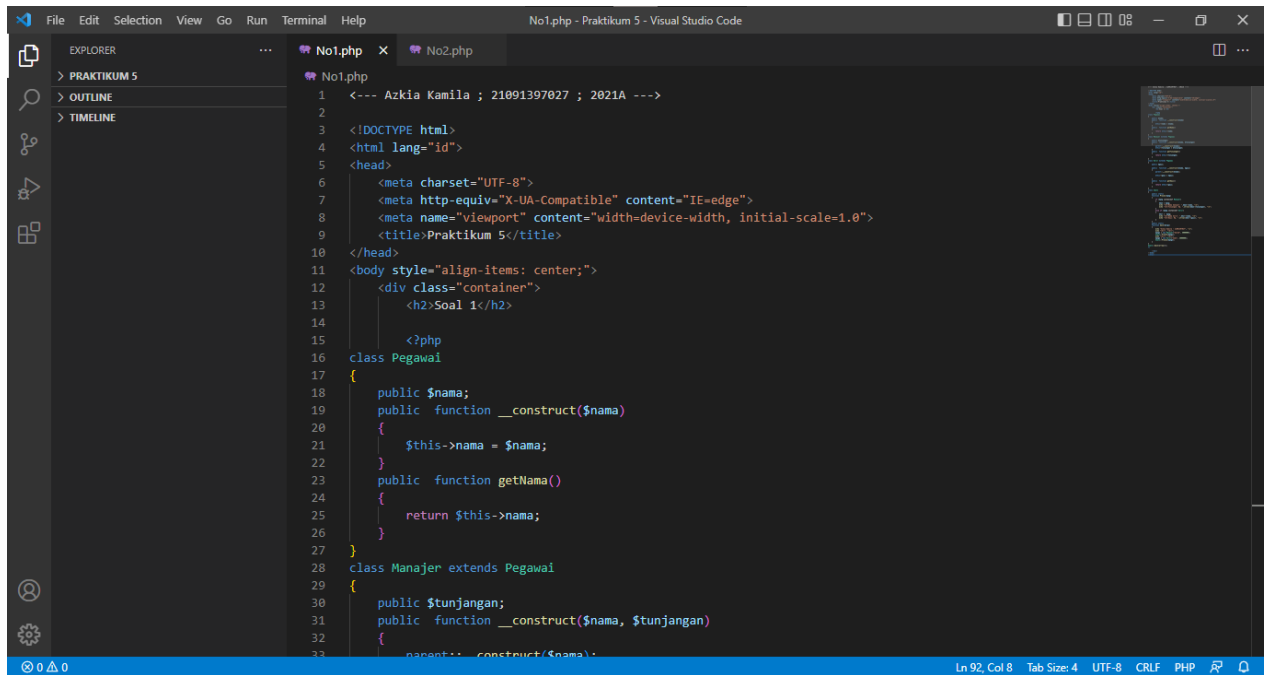
**Tugas Pemrograman Berorientasi Objek**  
**Praktikum 5**



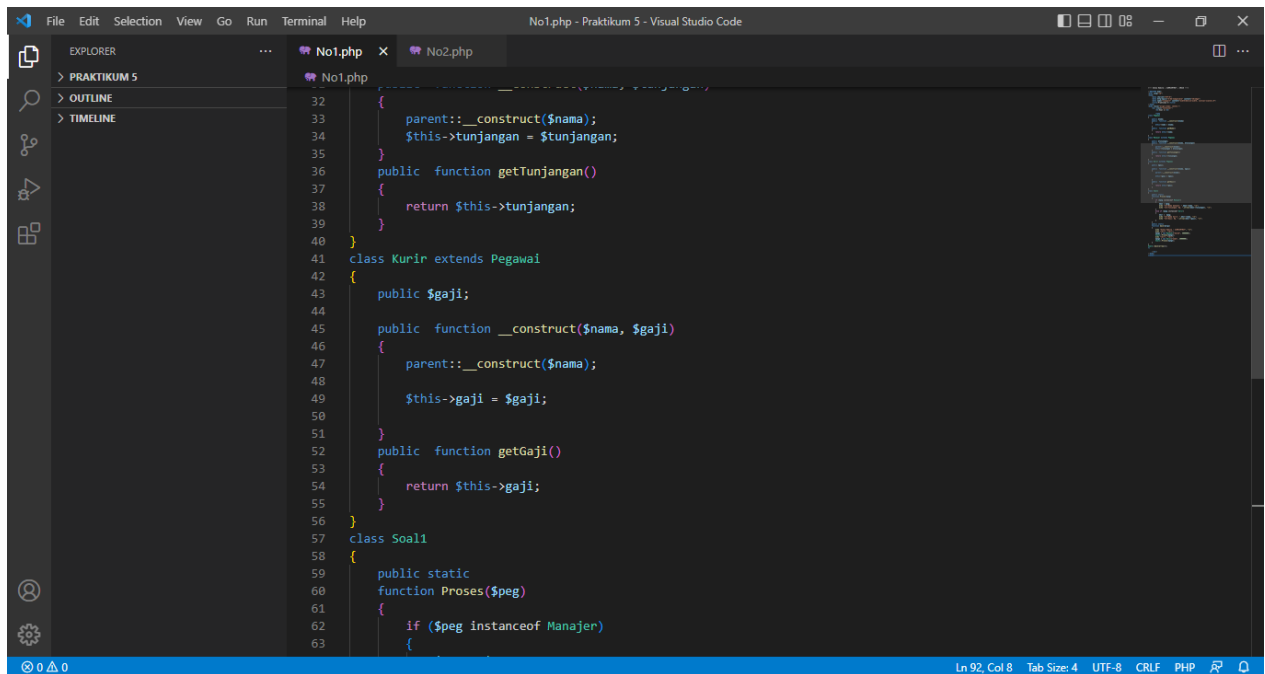
Disusun oleh:  
Azkia Kamila (21091397027)

**Program Studi D4 Manajemen Informatika**  
**Fakultas Vokasi**  
**Universitas Negeri Surabaya**  
**2022**

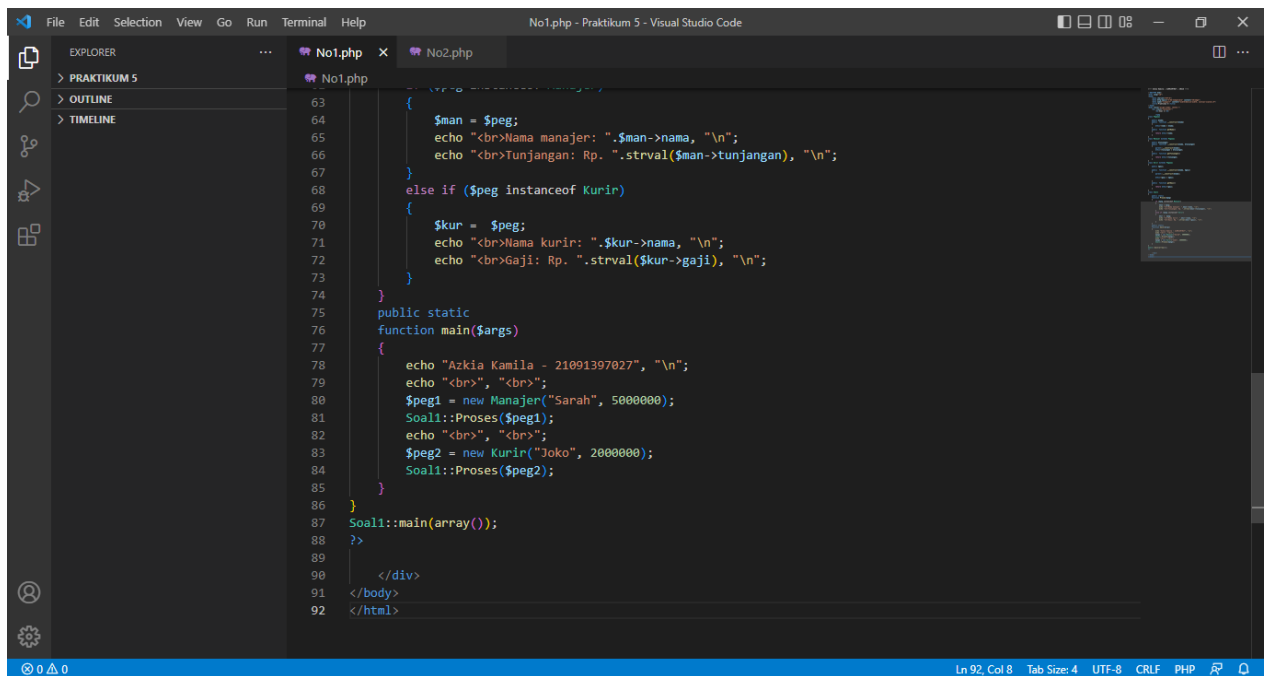
## 1. Source Code:



```
1 <!-- Azkia Kamila ; 21091397027 ; 2021A --->
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 $tunjangan;
31       public function __construct($nama, $tunjangan)
32       {
33         parent::__construct($nama);
```



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



```
63 {
64     $man = $peg;
65     echo "<br>Nama manajer: ".$man->nama, "\n";
66     echo "<br>Tunjangan: Rp. ".strval($man->tunjangan), "\n";
67 }
68 else if ($peg instanceof Kurir)
69 {
70     $kur = $peg;
71     echo "<br>Nama kurir: ".$kur->nama, "\n";
72     echo "<br>Gaji: Rp. ".strval($kur->gaji), "\n";
73 }
74 }
75 public static
76 function main($args)
77 {
78     echo "Azkia Kamila - 21091397027", "\n";
79     echo "<br>", "<br>";
80     $peg1 = new Manajer("Sarah", 5000000);
81     Soal1::Proses($peg1);
82     echo "<br>", "<br>";
83     $peg2 = new Kurir("Joko", 2000000);
84     Soal1::Proses($peg2);
85 }
86 }
87 Soal1::main(array());
88 ?>
89
90 </div>
91 </body>
92 </html>
```

## Output:



```
<--- Azkia Kamila ; 21091397027 ; 2021A --->
```

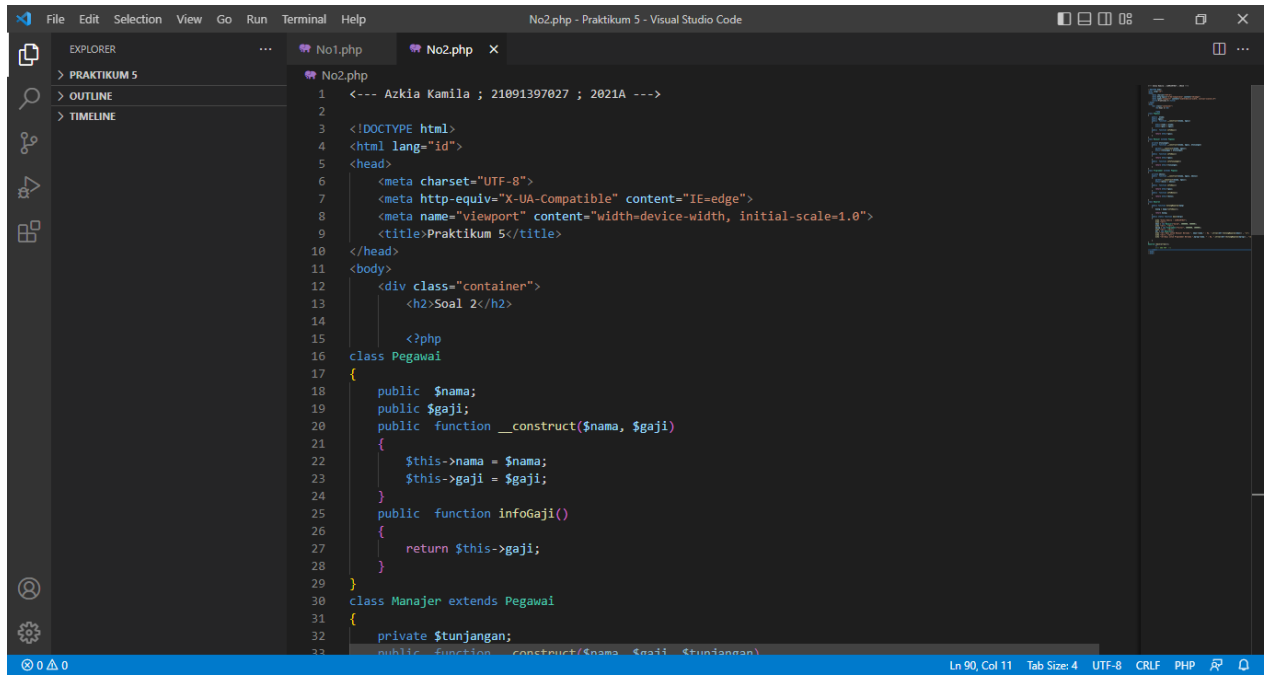
### Soal 1

Azkia Kamila - 21091397027

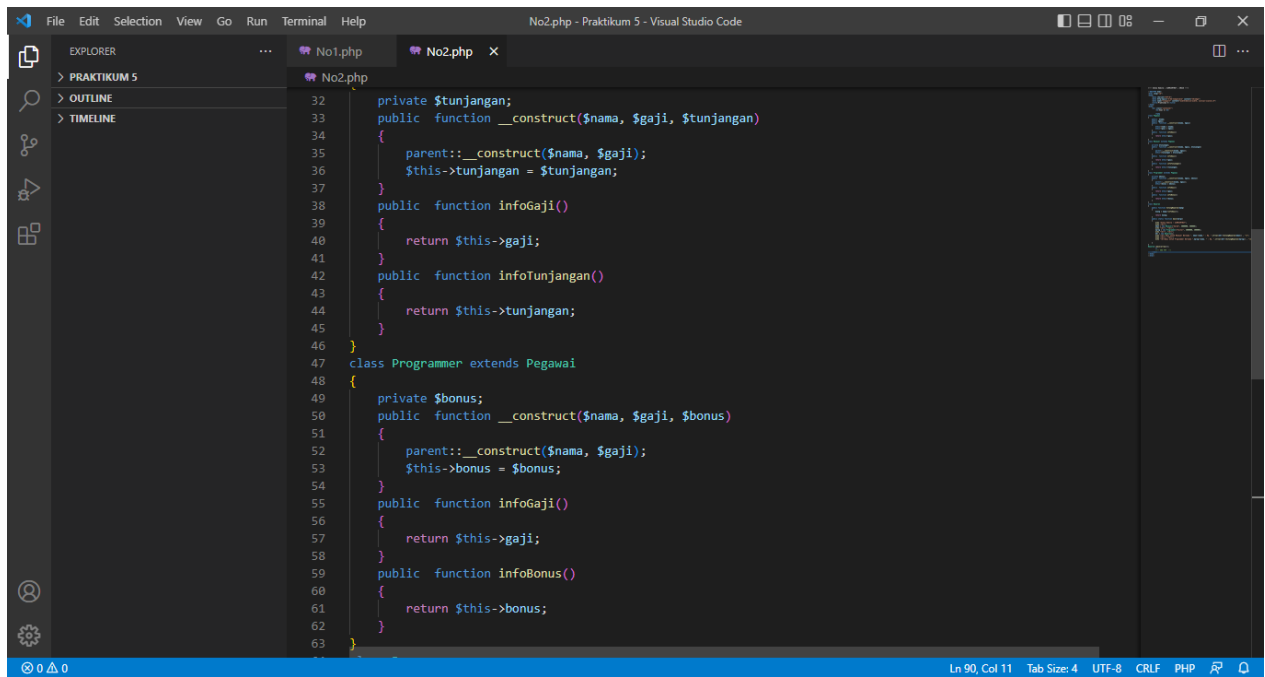
Nama manajer: Sarah  
Tunjangan: Rp. 5000000

Nama kurir: Joko  
Gaji: Rp. 2000000

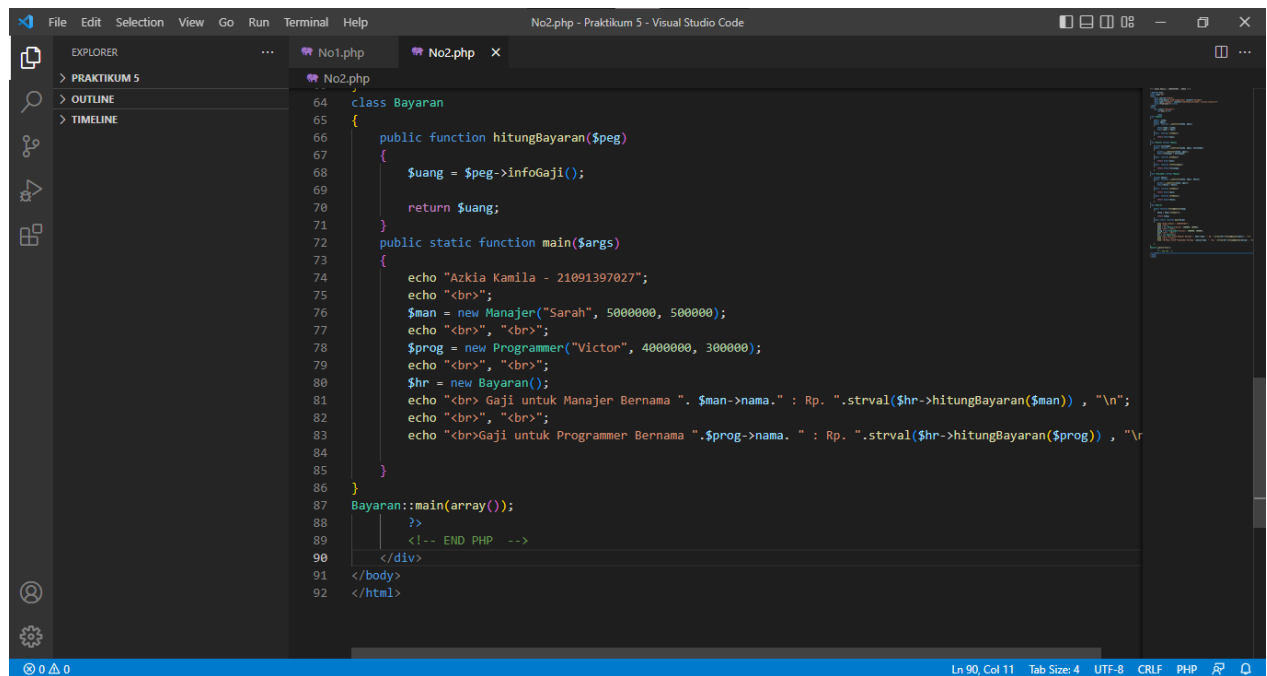
## 2. Source Code:



```
1 <!-- Azkia Kamila ; 21091397027 ; 2021A --->
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     private $tunjangan;
35     public function __construct($nama, $gaji, $tunjangan)
36     {
37         parent::__construct($nama, $gaji);
38         $this->tunjangan = $tunjangan;
39     }
40     public function infoGaji()
41     {
42         return $this->gaji;
43     }
44     public function infoTunjangan()
45     {
46         return $this->tunjangan;
47     }
48 }
49 class Programmer extends Pegawai
50 {
51     private $bonus;
52     public function __construct($nama, $gaji, $bonus)
53     {
54         parent::__construct($nama, $gaji);
55         $this->bonus = $bonus;
56     }
57     public function infoGaji()
58     {
59         return $this->gaji;
60     }
61     public function infoBonus()
62     {
63         return $this->bonus;
64     }
65 }
```



```
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 "Azkia Kamila - 21091397027";
75     echo "<br>";
76     $man = new Manajer("Sarah", 5000000, 500000);
77     echo "<br>", "<br>";
78     $prog = new Programmer("Victor", 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)) , "<br>";
84 }
85 }
86 }
87 Bayaran::main(array());
88 ?>
89 <!-- END PHP -->
90 </div>
91 </body>
92 </html>
```

## Output:



<--- Azkia Kamila ; 21091397027 ; 2021A --->

### Soal 2

Azkia Kamila - 21091397027

Gaji untuk Manajer Bernama Sarah : Rp. 5000000

Gaji untuk Programmer Bernama Victor : Rp. 4000000