Tugas Pemrograman Berorientasi Objek

Praktikum 4 (Overriding dan Overloading)

Disusun oleh :

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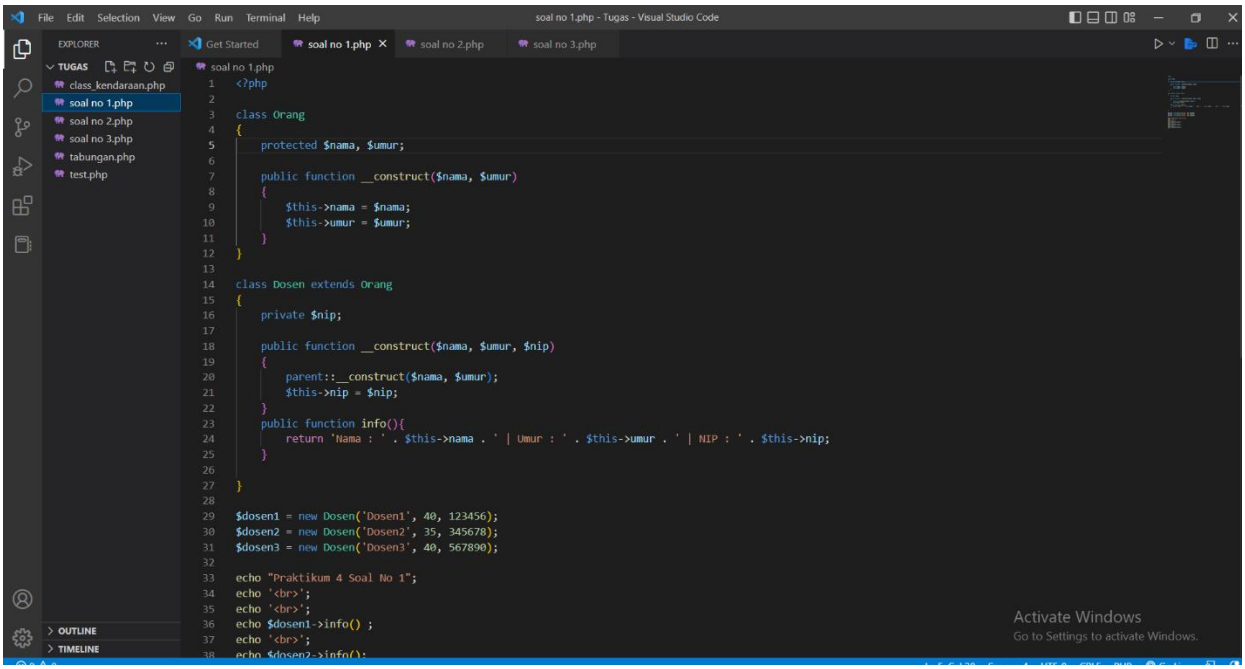
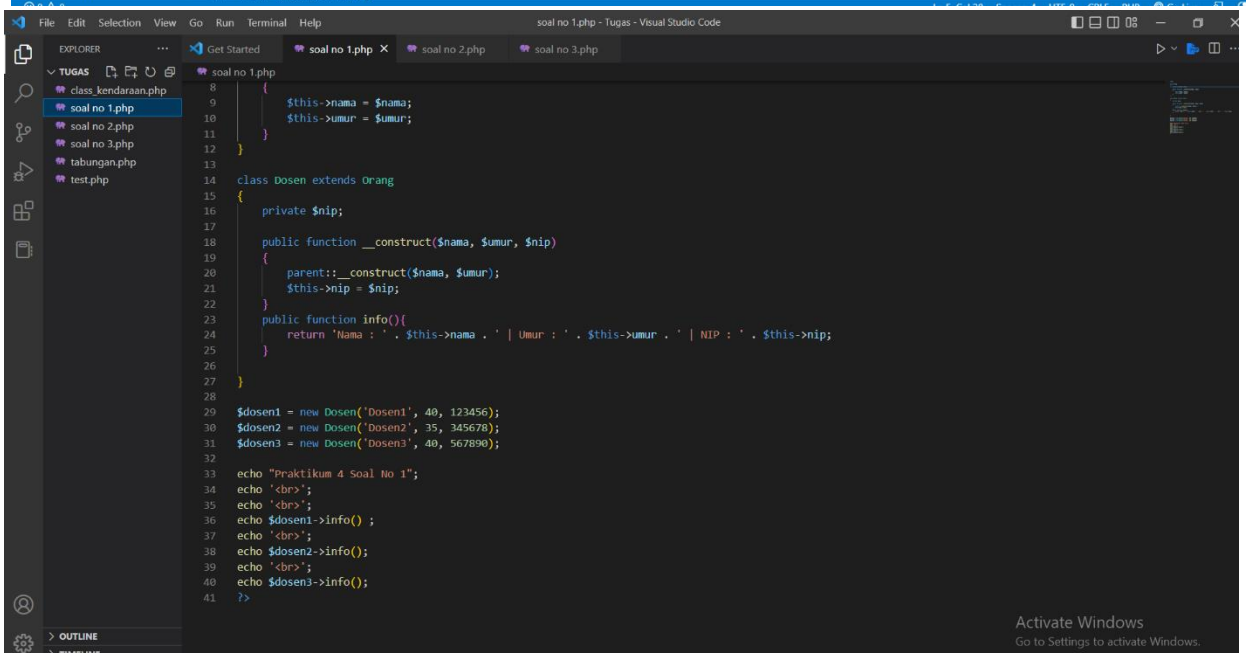
MANAJEMEN INFORMATIKA

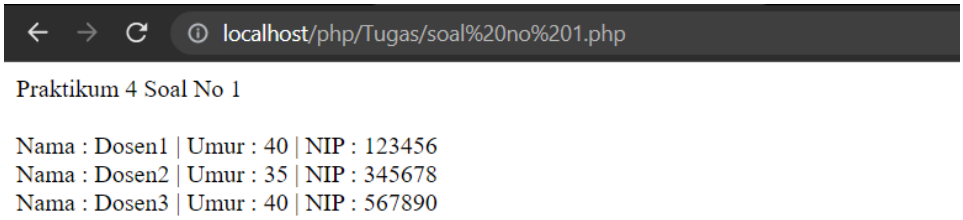
Soal No. 1

Input :



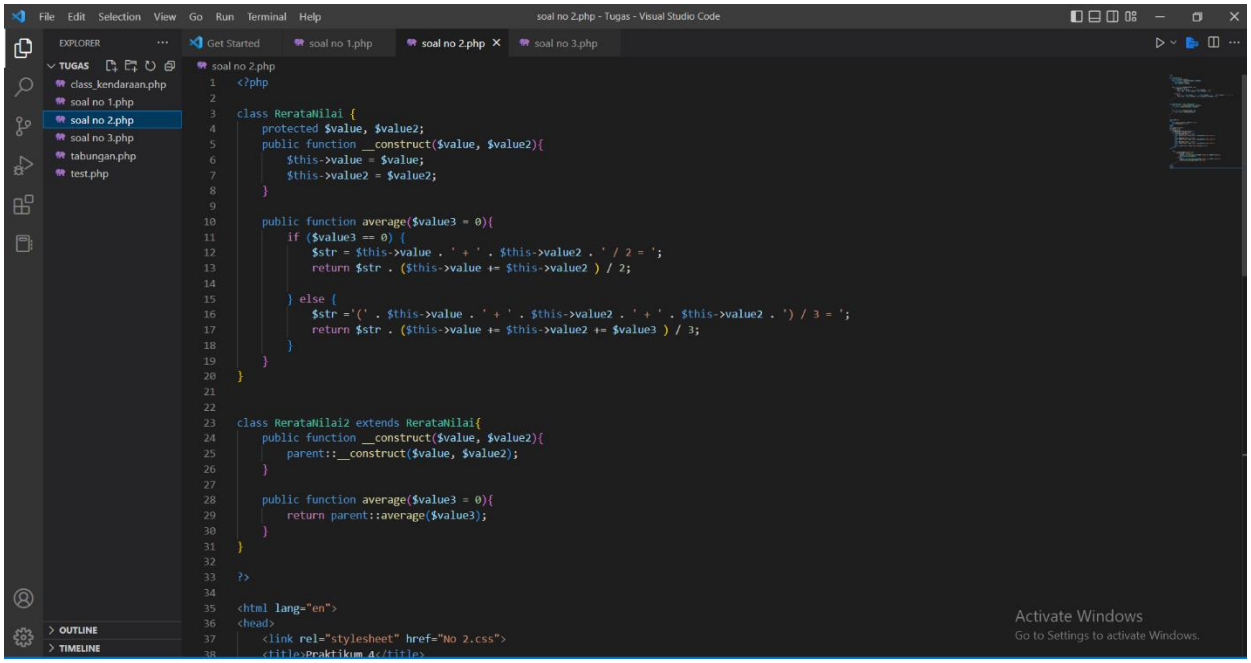


Ouput :

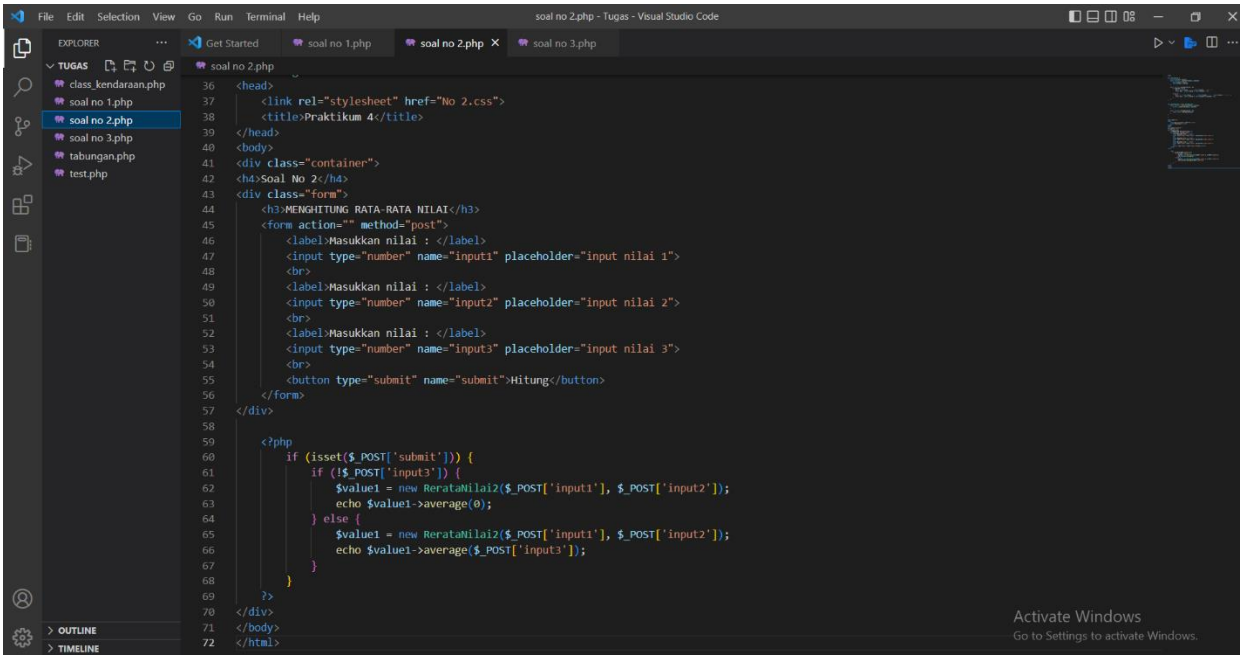


Soal No. 2

Input :

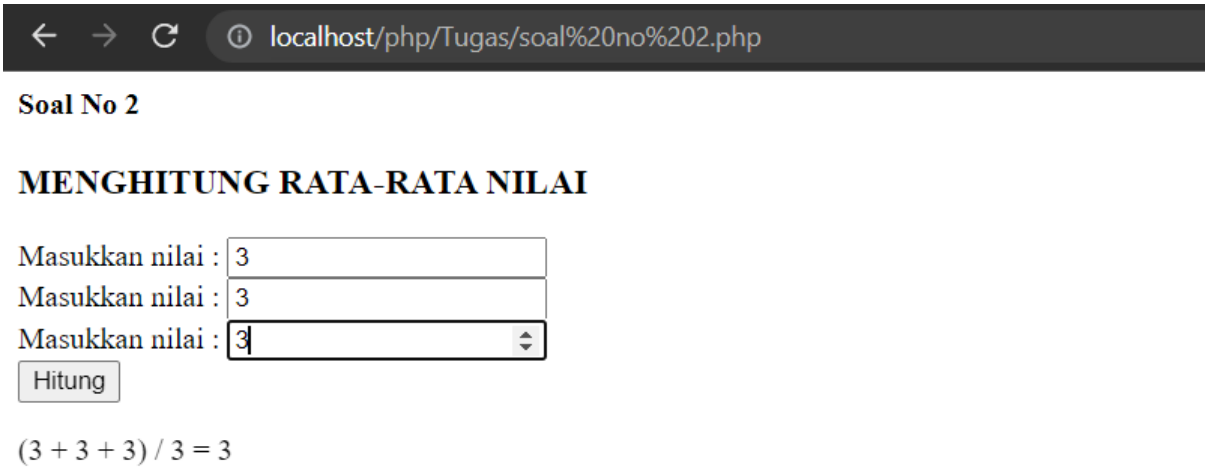



```php
<?php

class RerataNilai {
    protected $value, $value2;
    public function __construct($value, $value2){
        $this->value = $value;
        $this->value2 = $value2;
    }

    public function average($value3 = 0){
        if ($value3 == 0) {
            $str = $this->value . ' + ' . $this->value2 . ' / 2 = ';
            return $str . ($this->value += $this->value2 ) / 2;

        } else {
            $str ='(' . $this->value . ' + ' . $this->value2 . ' + ' . $this->value2 . ') / 3 = ';
            return $str . ($this->value += $this->value2 += $value3 ) / 3;
        }
    }
}


class RerataNilai2 extends RerataNilai{
    public function __construct($value, $value2){
        parent::__construct($value, $value2);
    }

    public function average($value3 = 0){
        return parent::average($value3);
    }
}

?>

<html lang="en">
<head>
    <link rel="stylesheet" href="No 2.css">
    <title>Praktikum 4</title>
```



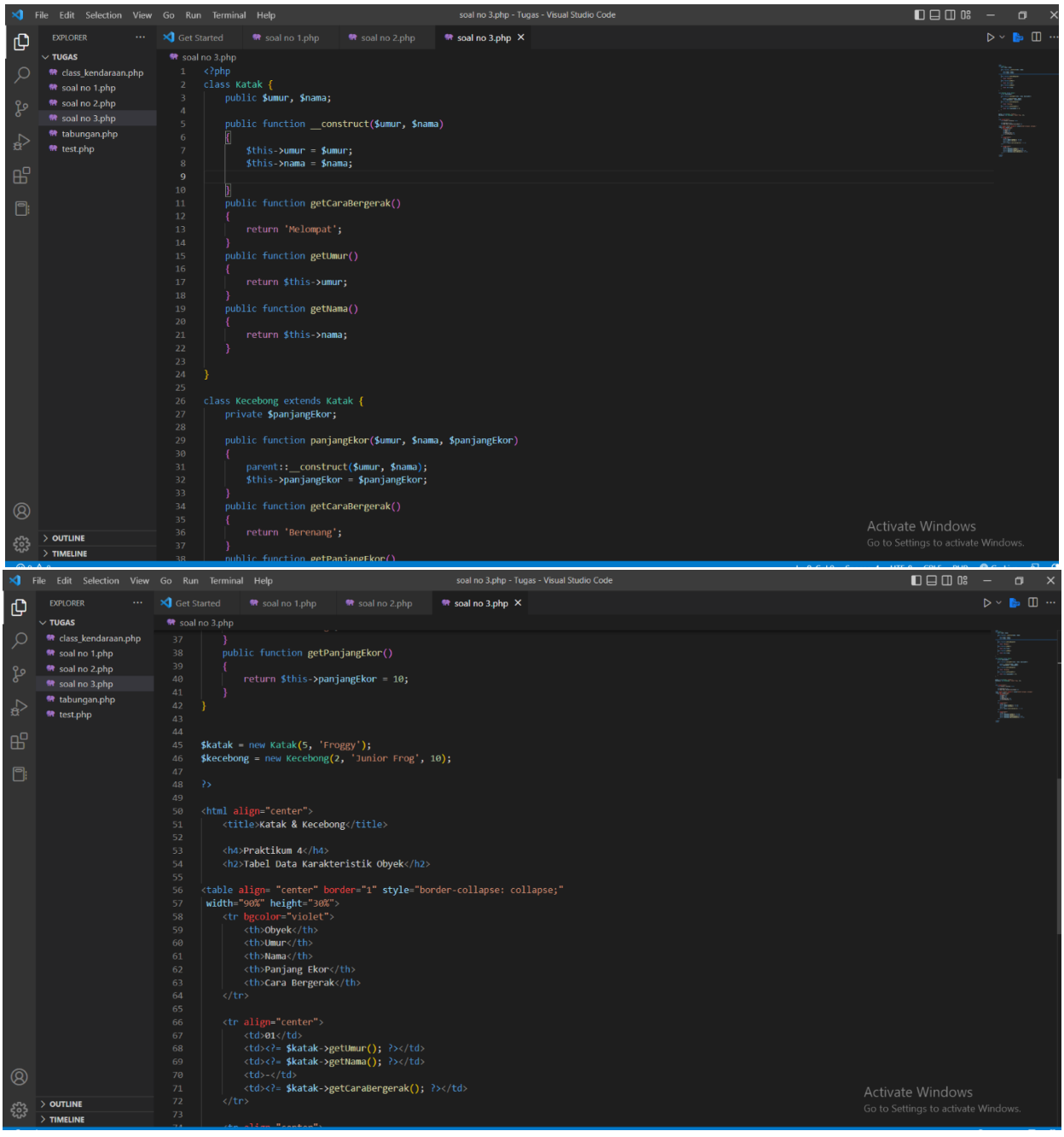

```php
<head>
    <link rel="stylesheet" href="No 2.css">
    <title>Praktikum 4</title>
</head>
<body>
<div class="container">
<h4>Soal No 2</h4>
<div class="form">
    <h3>MENGHITUNG RATA-RATA NILAI</h3>
    <form action="" method="post">
        <label>Masukkan nilai : </label>
        <input type="number" name="input1" placeholder="input nilai 1">
        <br>
        <label>Masukkan nilai : </label>
        <input type="number" name="input2" placeholder="input nilai 2">
        <br>
        <label>Masukkan nilai : </label>
        <input type="number" name="input3" placeholder="input nilai 3">
        <br>
        <button type="submit" name="submit">Hitung</button>
    </form>
</div>

    <?php
        if (isset($_POST['submit'])) {
            if (!$_POST['input3']) {
                $value1 = new RerataNilai2($_POST['input1'], $_POST['input2']);
                echo $value1->average(0);
            } else {
                $value1 = new RerataNilai2($_POST['input1'], $_POST['input2']);
                echo $value1->average($_POST['input3']);
            }
        }
    ?>
</div>
</body>
</html>
```

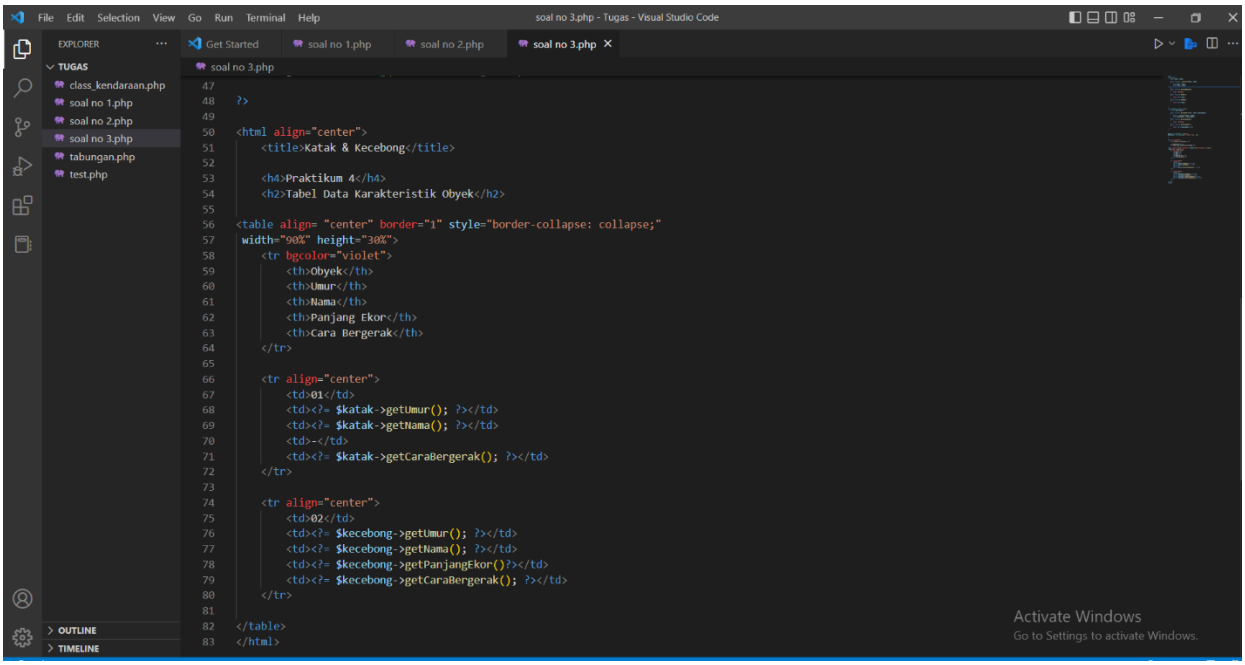
Ouput :



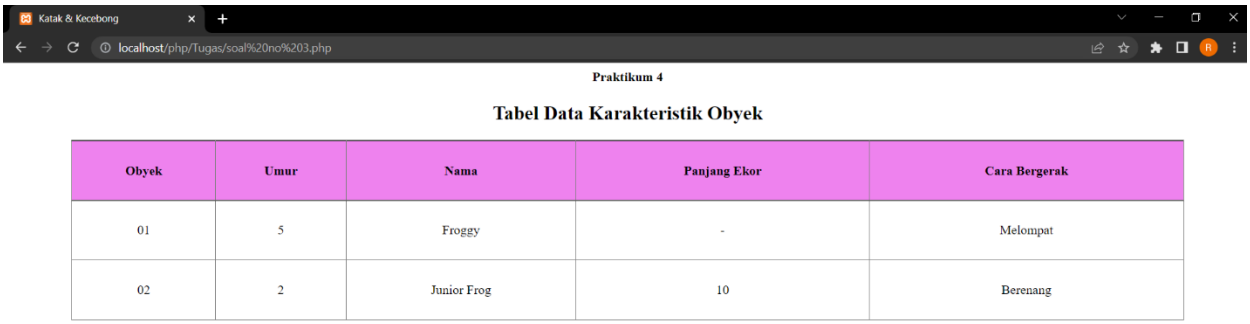
Soal No. 3

Input




File Edit Selection View Go Run Terminal Help
soal no 3.php - Tugas - Visual Studio Code
EXPLORER
TUGAS
class_kendaraan.php
soal no 1.php
soal no 2.php
soal no 3.php
tabungan.php
test.php
Get Started
soal no 1.php
soal no 2.php
soal no 3.php
OUTLINE
TIMELINE
47
48 ?>
49
50 <html align="center">
51 <title>Katak & Kecebong</title>
52
53 <h4>Praktikum 4</h4>
54 <h2>Tabel Data Karakteristik Obyek</h2>
55
56 <table align= "center" border="1" style="border-collapse: collapse;"
57 width="90%" height="30%">
58 <tr bgcolor="violet">
59 <th>Obyek</th>
60 <th>Umur</th>
61 <th>Nama</th>
62 <th>Panjang Ekor</th>
63 <th>Cara Bergerak</th>
64 </tr>
65
66 <tr align="center">
67 <td>01</td>
68 <td><?= $katak->getUmur(); ?></td>
69 <td><?= $katak->getNama(); ?></td>
70 <td>-</td>
71 <td><?= $katak->getCaraBergerak(); ?></td>
72 </tr>
73
74 <tr align="center">
75 <td>02</td>
76 <td><?= $kecebong->getUmur(); ?></td>
77 <td><?= $kecebong->getNama(); ?></td>
78 <td><?= $kecebong->getPanjangEkor()?></td>
79 <td><?= $kecebong->getCaraBergerak(); ?></td>
80 </tr>
81
82 </table>
83 </html>
Activate Windows
Go to Settings to activate Windows.

Output :


Katak & Kecebong
localhost/php/Tugas/soal%20no%203.php
Praktikum 4
Tabel Data Karakteristik Obyek
Obyek
Umur
Nama
Panjang Ekor
Cara Bergerak
01
5
Froggy
-
Melompat
02
2
Junior Frog
10
Berenang