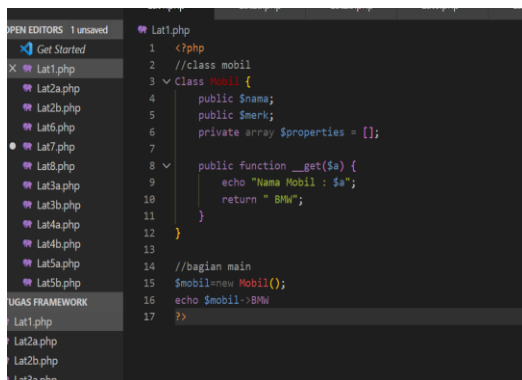# Tugas Praktikum 2 Framework PHP

Nama   : Nurul Siti Mukaromah

Kelas   : Teknik Informatika Pagi (B)

Nim   : G.211.21.0104

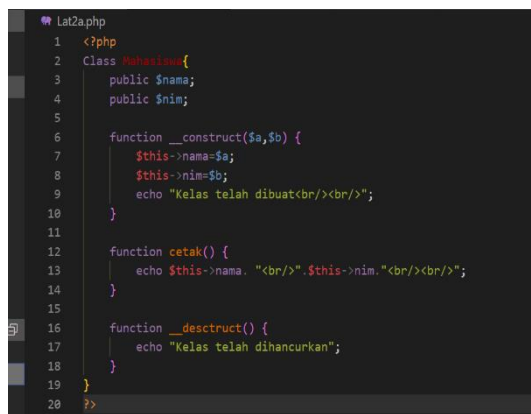1. Latihan1.php

Nama Mobil : BMW BMW

2. Lat2.php

```php
Lat2b.php
1   <?php
2
3   require_once("lat2a.php");
4
5   $mhs2=new mahasiswa("Pennyka","0910683073");
6
7   $mhs2->cetak();
8   ?>
```

← → C   localhost/tugas framework/Lat2b.php

Kelas telah dibuat

Pennyka
0910683073

3.
```php
Lat3a.php
1   <?php
2
3   class mahasiswa{
4       private $nama = "NURUL SITI MUKAROMAH<br/>";
5       private $nim = "G.211.21.0104";
6       function __construct() {
7
8       }
9       function setNama($a) {
10          $this->nama=$a;
11      }
12      function setNim($b) {
13          $this->nim=$b;
14      }
15      function getNama() {
16          return "Nama saya :" .$this->nama;
17      }
18      function getNim() {
19          return "NIM :" .$this->nim;
20      }
21      function __destruct() {
22      }
23  }
24
25  ?>
```

```php
Lat3b.php
1   <?php
2
3   require_once("Lat3a.php");
4
5   $mhs1=new mahasiswa();
6   /*sebelum dimodifikasi
7   //$mhs1->nama="nurul";
8
9   //echo $mhs1->nama;
10  */
11  //setelah dimodifikasi
12  $mhs1->setNama ("nurul");
13  echo $mhs1->getNama ();
14  $mhs1->setNim ("nim mba nurul berapa?");
15  echo $mhs1->getNim();
16  ?>
```

← → C   localhost/tugas framework/Lat3b.php

Nama saya :nurulNIM :nim mba nurul berapa?

4. Lat4.php

```php
Lat4a.php
1   <?php
2
3   require_once("Lat3a.php");
4
5   class asisten extends mahasiswa
6   {
7   function __construct(){}
8   }
```

```php
Lat4b.php
1   <?php
2
3   require_once("lat4a.php");
4
5   $as = new asisten();
6   $as->setNama("tes");
7   echo $as->getNama();
```

← → C   ◯ 🗋 localhost/tugas framework/Lat4b.php

Nama saya :tes

Lat5a.php

```php
<?php
abstract class mahasiswa
{
 abstract protected function getTugasAkhir();
 abstract protected function getProgram($postfix);
 public function tugasAkhir()
 {
 print $this->getTugasAkhir() . "<br>";
 }
}
class sarjana extends mahasiswa
{
 protected function getTugasAkhir()
 {
 return "Skripsi";
 }
 public function getProgram($postfix)
 {
 print "{$postfix} S1";
 }
}
class magister extends mahasiswa
{
 public function getTugasAkhir()
 {
 return "Tesis";
 }
 public function getProgram($postfix)
 {
 print "{$postfix} S2";
 }
}
```

Lat5b.php

```php
<?php
require_once("lat5a.php");
$s = new sarjana;
$s->getProgram('Mahasiswa') ."<br>";
$s->tugasAkhir();
$m = new magister;
$m->getProgram('Mahasiswa') ."<br>";
$m->tugasAkhir();
```

localhost/tugas framework/Lat5b.php

Mahasiswa S1Skripsi
Mahasiswa S2Tesis

6.Lat6.php

```php
<?php
interface a
{
    public function foo();
}

interface b
{
    public function bar();
}

interface c extends a,b
{
    public function baz();
}

class d implements c
{
    public function foo()
    {
    }

    public function bar()
    {
    }

 public function baz()
    {
    }
}
?>
```

```php
<?php
class A
{
    public function disp()
    {
       echo "Inside the final function";
    }
}
class B extends A
{
    function disp()
    {
        echo "Inside the final function";
    }
}
$obj=new B();
$obj->disp();
?>
```

Inside the final function

8.Lat8.php

```php
1   <?php
2   class One{
3       private static $var=0;
4       function __construct(){}
5       static function disp(){
6           print self::$var;
7       }
8       function __destruct(){}
9   }
10  One::disp();
11  ?>
```

0

9.Lat9.php

```php
<?php
class Book {

    public $judul;
    public $pengarang;
    public $penerbit;
    public $tahun;

    public function __construct($title,$author,$publisher, $year) {
        $this->judul = $title;
        $this->pengarang = $author;
        $this->penerbit = $publisher;
        $this->tahun = $year;
    }
}
?>
```

```php
<?php
include_once 'model.php';

class controller {

    function invoke () {
        $model_data = new model ();
        $row_data = $model_data->getData ();

        $data = "<table border=1>

        <tr><th>JUDUL</th><th>PENGARANG</th><th>PENERBIT</th><th>TAHUN</th></tr>";

        foreach ($row_data as $key => $value) {
            $data .="<tr><td>".$value->judul."</td><td>".$value->pengarang."</td><td>".$value->penerbit."</td><td>".$value
        }
        $data .="</table>";
        include('view.php');
    }
}
?>
```

```php
<?php
include_once 'controller.php';

$main_ctrl = new controller ();
$main_ctrl->invoke ();
?>
```

```php
model.php
1   <?php
2   include_once 'book.php';
3
4   class model {
5
6       public function getData () {
7           return array (
8               new book ('Pembunuhan di Orient Express', 'Agatha Christie', 'Collins Crime Club', '1934'),
9               new book ('Pembunuhan di Sungai Nil', 'Agatha Christie', 'Collins Crime Club', '1937'),
10              new book ('Pembunuhan ABC ', 'Agatha Christie', 'Collins Crime Club', '1936'),
11              new book ('Misteri di Styles', 'Agatha Christie', 'Collins Crime Club', '1920'),
12          );
13      }
14  }
15  ?>
```

```php
view.php
1   <html>
2       <head>
3           <title>Buku Agatha Christie</title>
4       </head>
5       <body>
6           <center>
7               <?=$data?>
8           </center>
9       </body>
10  </html>
```